

ANNUAL REPORT & AUDIT REPORT

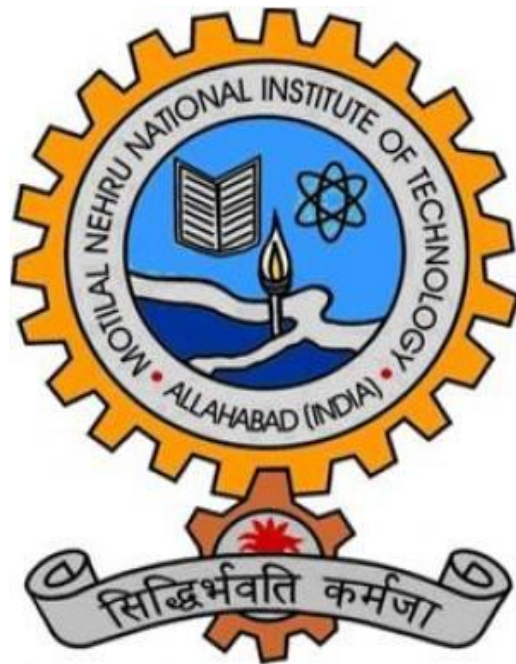
WITH AUDITED STATEMENT OF ACCOUNT

2017-18



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD, PRAYAGRAJ

**ANNUAL REPORT & AUDIT REPORT
WITH
AUDITED STATEMENT OF ACCOUNT
2017 – 18**



**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
PRAYAGRAJ-211004**

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INTRODUCTION

1.1 Vision

1.2 Mission

INTRODUCTION

1.1 VISION

To establish a unique identity for the Institute amongst National and International Academic and Research Organizations through knowledge creation, acquisition and dissemination for the benefit of Society and Humanity.

1.2 MISSION

To generate high quality human and knowledge resources in our core areas of competence and in emerging areas to make valuable contribution in technology for social and economic development of the nation and to make organized efforts for identification, monitoring and control of objective attributes of quality for continuous enhancement of academic processes, infrastructure and ambiance.

Road Map to achieve the vision 2020 of the Institute.

Undergraduate Education

The Institute is committed to make sincere efforts to make the undergraduate curriculum flexible. The Institute aims to improve the environment of education in the current decade (2010-2020). The curriculum is planned to be developed in a way to make it more flexible so that students feel motivated to acquire skills, learn principles and imbibe a spirit of innovation.

Postgraduate Education

In order to fulfil the vision, the postgraduate education in the Institute should be given a new dimension in the current decade to provide quality manpower in the emerging areas of technology.

Research

The standing of an Institution of higher learning is judged by its research activities and contribution in the advancement of knowledge in the emerging areas. The research culture needs to be fostered in the minds of research students as well as the young undergraduate students.

The institute will make all efforts to strengthen collaborative research programmes in the following emerging areas with strong user (industry/society) linkages:

Advanced Technologies, Electronics & Communication, Energy Engineering, Environment,

Exploration Technology, Global Business, Health Care, Housing, IT & Services, Manufacturing, Material Technology, Strategic & Computing Technology, Technology for Local & regional development.

Centre of Excellence

Centre of Excellence in the respective fields of specializations from different academic departments will be set up. The sole objective of establishing these centers would be to generate research culture among UG and PG students. These centres will facilitate quality research and development activities along with resource generation by the way of taking consultancy and other research projects.

A Centre for Interdisciplinary Research (CIR) is established to promote and facilitate inter- and trans-disciplinary research. The centre houses all sophisticated high-end machines to carry out interdisciplinary research in the emerging areas. The centre takes care of challenges likely to be posed by disruptive technologies. The vision of the Institute is to convert the centre as the Central facility for the entire eastern region of the country.

Society

As an institute of National importance, Institute strongly feels that activities of the Institute should make positive impact on the society. In order to achieve the objective a centre shall be established to cater to the needs in the following broad areas:

- (i) Promoting social awareness about national problem and possible solutions.
- (ii) International collaboration for faculty, students and researchers.
- (iii) Faculty orientation and development for the faculty members of different neighboring Institute and our own faculty members.
- (iv) Skill development for rural artisans and unskilled persons.
- (v) Innovation and Entrepreneurship Development.
- (vi) Provide facilities to underprivileged section of the society.
- (vii) Social audit of development programs

THE INSTITUTE

- 2.1 Historical Background**
- 2.2 Location**
- 2.3 Campus**
- 2.4 Administration**
- 2.5 Academic Programmes**
- 2.6 Admission Procedure**
- 2.7 Students**
- 2.8 Examination and Evaluation**
- 2.9 Hostels**
- 2.10 Extra-curricular Activities**
- 2.11 Training and Placement**

2.1 HISTORICAL BACKGROUND

Motilal Nehru National Institute of Technology (erstwhile Motilal Nehru Regional Engineering College) Allahabad came into existence in 1960 along with seventeen other Regional Engineering Colleges. The Regional Engineering Colleges had twin objectives, to create and nurture engineers and to integrate the nation by mandatorily inducting students from all over the country. The governance was shared by the respective State and the Centre. The Institute was affiliated to the University of Allahabad as its Faculty of Engineering, until year 2000. In 2002, the College was renamed as **Motilal Nehru National Institute of Technology** and the governance was taken over fully by the Government of India. In 2007 the Institute was declared as Institute of National Importance by an Act of Parliament. MNNIT celebrated the completion of 50 glorious years of its existence in the Year 2010-11.

The foundation stone of the college building was laid by the architect of modern India, Pandit Jawahar Lal Nehru in 1961 and the building was inaugurated by Shri Lal Bahadur Shastri in 1965, another illustrious son of the soil.

In 1961 the first batch of 100 students was admitted to three Bachelor of Engineering (B.E.) programmes, viz. Civil, Mechanical and Electrical Engineering. The Master of Engineering programme (M.E.) began in 1967 with two programmes in Mechanical Engineering followed by three programmes in Civil Engineering in 1971. In 1973 the Institute was identified as Quality Improvement Programme Centre for M.E. and in 1975 for Ph.D., in Mechanical Engineering. The first Ph.D. was awarded in 1975 in Mechanical Engineering. Subsequently moving on the growth path three BE programmes were added, viz Computer Science and Engineering in 1976-77, Electronics & Communication Engineering, and Production and Industrial Engineering in 1982-83. The Master of Computer Application was started in 1986. To add a new dimension to itself, the Institute established School of Management Studies in 1996, which offers a two year/four semester Master of Business Administration (MBA) programme.

At present MNNIT is proud to offer 09 B.Tech., 25 M.Tech. as well as MCA, MBA and MSc

program and doctoral programs in all disciplines of engineering, applied sciences, social sciences and management, to around 4000 undergraduate, 2000 post graduate and 200 doctoral students, through fourteen academic departments/ schools/ cells. The students take admission, in this Institute not only from different states in India, but also from many foreign countries including SAARC countries, middle east, Asia, Europe, USA and New Zealand.

The infrastructure of the Institute is at par with the best Institutions in the country. The Computer Centre has state-of-the-art computing facilities, departments have modern laboratories and the library houses print as well digital learning resources. Most of the class rooms are air conditioned and equipped with multimedia pedagogical tools. The entire campus, including hostels, executive development centre and residential area is connected with 1.25 Gbps internet connectivity.

2.2 LOCATION

The city of Allahabad is situated at the confluence (Sangam) of three rivers Ganga, Yamuna and Saraswati. The earlier settlements of Aryans were established in this city, then known as Prayag, later it became the capital of the glorious Guptas. In 1583, Emperor Akbar built the fort at Sangam, where lies the Ashoka pillar, 11m high dating back to 232 B.C., having inscriptions of Samudragupta and Jehangir. The city was later ruled by the Marathas. It was finally ceded to the British by the Nawab of Awadh in 1801. In the 20th century, the city became the nerve centre of India's freedom movement. Allahabad is known for its academic ambience and presently houses six national level Institutes /Universities.

The Institute is about 9 km from Allahabad Junction Railway Station and about 4 km from the Prayag Railway station and 16 km from Bamrauli Airport.

2.3 CAMPUS

The Institute is spread over in an area of 222 acres on Lucknow-Allahabad highway near the banks of the river Ganga in Teliarganj locality. The campus is divided into three parts:

- (i) Academic Campus housing, Academic and Administrative Building, Banks, Sports field,

Tennis Courts and Gymnasium, Hostel for U.G. first year students, P.G. Students and Multipurpose Hall.

- (ii) Hostel area housing, hostels for male students, Student Activity Centre and Industrial Estate.
- (iii) Residential area housing, faculty and staff quarters, Executive Development Centre, Girls' hostel, International hostel and Health Centre.

A quiet and congenial atmosphere for studies and research at the highest level prevails in the campus.

2.4 ADMINISTRATION

Board of Governors is the apex administrative body. The Director is the Principal Academic and Executive Officer of the Institute and is responsible for the proper administration of the Institute and for imparting instructions, maintenance of discipline therein. Director is assisted in his day to day work by Deans, Heads of the departments, Faculty-In-Charge for various functions, Registrar, other officers and various Committees.

2.5 ACADEMIC PROGRAMMES

The Institute offers nine B. Tech, twenty five M. Tech, MCA, MBA and M.Sc. programmes. It also offers doctoral programmes in all the disciplines of Engineering, Sciences, Management, Humanities and Social Sciences.

2.6 ADMISSION PROCEDURE

B. Tech.

Admissions are made on the basis of JEE (Mains) and counseling is conducted by CSAB, on behalf of the Govt, of India, MHRD.

M. Tech.

Admissions to the regular M. Tech. Programmes are made only on the basis of the GATE score through Centralized Counseling for M.Tech. admission in NITs (CCMT). Admissions to M.Tech.(Part Time) and M.Tech. (Sponsored) programmes are made on the basis of national-level test and interview conducted by the Institute. Further, admissions to M.Tech.programme are also offered under the QIP scheme of AICTE.

MBA

Admissions to the M.B.A. programme are made on the basis of the combined merit of CAT (conducted by IIMs) percentile and the GD and PI conducted by the Institute. Admission to sponsored candidates are offered on the basis of eligibility criteria.

MCA

Admissions to M.C.A. programme are made through NITs MCA Common Entrance Test (NIMCET).

M.Sc. (Mathematics and Scientific Computing)

Admissions to M.Sc. (Mathematics & Scientific Computing) programme are made on the basis of the rank of Joint Admission Test for M.Sc.(JAM) conducted by NITs and counseling conducted by CCMN.

Ph. D.

Admission to Ph.D. (Regular/ Part-time / Sponsored) programme are conducted on the basis of the rank in national-level test conducted by the Institute followed by a personal interview.

2.7 STUDENTS

The Institute admits 814 students through JEE (Mains) and 123 through DASA Programme to nine undergraduate programmes, 475 students to various M.Tech. programmes, 93 to MCA, 62 to MBA, 23 in M.Sc. In addition, 89 students are admitted to doctoral programmes in different branches. Students from countries such as Sri Lanka, Nepal, Bangladesh, Mauritius, Malaysia, Iran, Yemen, Iraq, Palestine, Syria, Saudi Arabia and Thailand also join MNNIT for various academic programmes. Teachers from other Institutions come here to pursue M.Tech. and Ph.D. under QIP scheme as well as under self sponsored scheme. Large number of industry executives also join for Ph.D. programmes.

2.8 EXAMINATION AND EVALUATION

The examination process is continuous, learning-oriented and transparent. Students' performance is evaluated on the basis of one mid term and one end term examination for each course, along with teacher's assessment, which is based on regularity of attendance, submission of assignments and

class participation. The Institute is following absolute grading system with eight letter grades to denote various levels of performance.

The academic performance of each student is reviewed by a Committee consisting of the Chairman SUGC/ SMPC, the Dean (Academic) and the DUGC/ DMPC Conveners at the end of each semester including summer semester. The academic performance is evaluated on the basis of grades, SPI and CPI, obtained in courses registered.

2.9 HOSTELS

The Institute is fully residential. At present there are eight boys' hostels, viz Swami Vivekananda hostel, Purushottam Das Tandon hostel, Pt. Madan Mohan Malviya hostel, Bal Gangadhar Tilak hostel, Sardar Vallabh Bhai Patel hostel, Ravindra Nath Tagore hostel, Sir C.V. Raman hostel and P. G. Hostel.

Presently the Institute has two girls' hostels located inside the campus for accommodating girl students, namely Sarojni Naidu girls' hostel and Kamala Nehru girls' hostel. An International House for Ph.D. and P. G. students is also located inside the campus. Hostel Messes are managed by nominated student representatives under the overall supervision of Chief Warden (Boys' Hostels), Chief Warden (Girls' Hostels) and a team of Wardens of Hostels.

2.10 CURRICULAR ACTIVITIES

The Institute provides ample avenues for the development and nurturing of creative and other talents in the students through the Student Activity Centre (SAC). All the activities are managed by students under the guidance of President, SAC and a team of Faculty In-Charges, Faculty Coordinators and Committees for various events. The SAC provide avenues for Cultural, Technical and Managerial events, Personality development, Athletics, Indoor and Outdoor games, Yoga and other activities. The SAC also facilitates and encourage the students to take part in similar events in other institutions.

Student Activity Centre (SAC)

Motilal Nehru National Institute of Technology Allahabad has been known for its academic excellence, and the students keep raising the bar

for themselves by proving to be a step ahead of the crowd, time and again. The institute, at the same time, has commendable achievements in various curricular and extra-curricular activities. An extremely crucial role is played by the Student Activity Centre (SAC) of the institute in facilitating the activities and reaching out to the students under the supervision of the President SAC. The prime locations of the SAC are Students Clubs, Boys SAC and Girls SAC, Multipurpose Hall, Athletics Ground and Gymkhana. The student activity center hires pool of part-time coaches for various events on yearly basis to groom the talents of the students. At present about ten coaches are working and extending their services two-hour every day.

Gymkhana

Gymkhana is a student governed organization that cultivates leadership, encourages students to participate in outdoor activities, and provide facilities for games and sports. The members of the faculty and staff monitor activities of Gymkhana and help students in organizing and managing their sports events. Gymkhana provides facilities for out-door games like Athletics, Cricket, Football, Volleyball, Hockey, Basketball, Taekwondo, LawnTennis, Kabaddi, Khokho, Yoga, Skets, Karate, etc. and indoor games like Badminton, Table Tennis, Carrom, Chess, Gym. etc.

Each game and activity is looked after by a Faculty coordinator and Students representation. All the Games, Athletics and Yoga events are organized with the assistance of SAS officer under the Gymkhana. All other activities such as Cultural/Technical/Literary/SPIC-MACAY events are managed by the SAC. There is a Faculty Incharge for all the above activities.

Students' Clubs

Student's Club is divided into ten main sections. (a) Literary events and media (b) Community Development (c) Personality Development (d) Quiz Club (e) Photography Club (f) Robotics Club (g) Aeromodelling Club (h) Computer Coding Club (i) Technical events, (j) Music Club, (k) Dance Club, (l) Dramatics, (m) Arts & Painting, (n) SPIC MACAY events, and (o) Yoga Center. Each activity/club is looked after by a Faculty

Coordinator. The committees of students are elected under the supervision of Faculty Incharge and President SAC. The activity organized under SAC is listed at **ANNEXURE-6**.

2.11 TRAINING AND PLACEMENT

Campus Recruitment Programme for graduating students conducted by this Institute is a very vital activity. A very close interaction between the students and the company executives has created excellent placement record. The student members of the placement Committee actively participated in organizing campus recruitment programmes. By hard work and dedication, our students have

created enviable position in Indian Industries. The Institute has excellent record of placements in prestigious organizations before they leave the Institute. Over 262 companies visited the Institute during the year 2017-18 for Campus Selection. Students from B.Tech (Computer Science & Engineering and Information Technology) got a record offer of Rs.36 LPA (CTC) from UBER. Besides this, the T&P Department also arranges Summer Training Programme for students of B.Tech. 6th Semester and MBA 2nd Semester and Industry Interenship of one semester for MCA 6th semester. The placement details is listed at **ANNEXURE-7**.

GENERAL FACILITIES AND SERVICES

- 3.1 Computer Centre
- 3.2 Mechanical Workshop
- 3.3 Laboratories
- 3.4 Centre for Interdisciplinary Research [CIR]
- 3.5 Central Instrumentation Facility
- 3.6 Central Library
- 3.7 School for Non-Formal and Continuing Education [SNFCE]
- 3.8 Intellectual Property Right Cell [IPR Cell]
- 3.9 NCC and NSS
- 3.10 Institute Health Care Centre
- 3.11 Vehicle Section
- 3.12 Women Grievance Cell
- 3.13 Alumni
- 3.14 Canteen
- 3.15 SC/ST Cell
- 3.16 Reservation Cell
- 3.17 Executive Development Centre [EDC]

GENERAL FACILITIES AND SERVICES

3.1 COMPUTER CENTRE

The Computer Centre is equipped with 300 state of the art Pentium machines with Windows and LINUX environment. The Computer Centre is solely responsible for keeping computation related facilities available to each and every member of MNNIT Allahabad. Computer Center provides Email, Web, DNS, FTP, Internet access, HPC and other services 24 hours and 365 days a year. Computer Centre also provides various advanced and special purpose software for all the campus users. 24x7 internet connectivity with 1200 Mbps [1000 Mbps(1:1) from NKN (through Railtel), 200 Mbps (1:1) from BSNL] is provided using optical fiber backbone covering departments, student hostels and residential areas. Both wired and wireless internet connectivity is available in the campus.

3.2 MECHANICAL WORKSHOP

Mechanical Workshop is one of the Central facilities of Motilal Nehru National Institute of Technology Allahabad. Mechanical Workshop has seven different shops such as; Machine Shop, Welding Shop, Carpentry, Sheet Metal, Fitting, Foundry and Smithy.

All B.Tech.first year students (all branches), B.Tech 4th, 5th, 6th, 7th and 8th Semester of Mechanical and Production Engineering perform their practical. As per new curriculum, the M.Tech. CAD/CAM, Mechanical and Production Engineering (regular & part time) students also have to perform the practical in different shops of Mechanical Workshop. In Mechanical Workshop, the project of Ph.D. Research Scholars are also fabricated and manufactured.

3.3 LABORATORIES

Applied Mechanics

- (i) Experimental Solid Mechanics PG Laboratory
- (ii) Biomedical Engineering PG Laboratory
- (iii) Materials Development PG Laboratory
- (iv) Fluid Engineering PG Laboratory
- (v) Computational PG Laboratory
- (vi) Strength of Material Laboratory
- (vii) Material Science & Engineering Laboratory
- (viii) Fluid Mechanics & Hydraulic Laboratory

- (ix) Structural Analysis Laboratory
- (x) DST-FIST Computational Laboratory
- (xi) Departmental Workshop
- (xii) Engineering Mechanics Laboratory
- (xiii) Fluid Research Laboratory
- (xiv) Solid Mechanics Research Laboratory
- (xv) Material Research Laboratory
- (xvi) Dynamic of Machine Laboratory
- (xvii) Compressible Flow Laboratory
- (xviii) Vibration Laboratory
- (xix) Robotics Laboratory
- (xx) Experimental Stress Analysis Laboratory
- (xxi) Non Destructive Testing Laboratory

Biotechnology

- (i) Laboratory-I
- (ii) Laboratory-II
- (iii) Bioinformatics Laboratory
- (iv) Green house Laboratory
- (v) Experimental field Laboratory
- (vi) Central Instrumentation facility

Civil Engineering

- (i) Structural Engineering Laboratory
- (ii) Geotechnical Engineering Laboratory
- (iii) Environmental Engineering Laboratory
- (iv) Transportation Engineering Laboratory
- (v) Survey Laboratory
- (vi) CAD Laboratory
- (vii) Geology Laboratory

Chemical Engineering

- (i) Chemical Reaction Engineering Laboratory
- (ii) Chemical Technology Laboratory
- (iii) Computer Aided Design Laboratory
- (iv) Environmental Engineering Laboratory
- (v) Fluid Particle Mechanics & Mechanical Operation Laboratory
- (vi) Mass Transfer Laboratory
- (vii) Process Dynamics & Control Laboratory
- (viii) Chemical Engineering Laboratory (M.Tech)

Chemistry

- (i) Undergraduate Chemistry Laboratory
- (ii) Research Laboratory-I
- (iii) Research Laboratory-II
- (iv) Research Laboratory-III

Computer Science and Engineering

- (i) Computing Laboratory

- (ii) Database/Data Mining Laboratory
- (iii) SOA/Distributed Computing Laboratory
- (iv) Embedded System/ Real Time System Laboratory
- (v) Computer Architecture / Microprocessor Laboratory
- (vi) Computer Network / Wireless Network Laboratory
- (vii) Image Processing/ Computer Vision Laboratory
- (viii) Software Testing Laboratory
- (ix) Verification & Validation Laboratory

Electrical Engineering

- (i) Measurement & Instrumentation Laboratory
- (ii) Electrical Machine Laboratory
- (iii) Control System Laboratory
- (iv) Power System & High Voltage Laboratory
- (v) Computer & Simulation Laboratory
- (vi) Virtual Instrumentation Laboratory
- (vii) Power Electronics Laboratory
- (viii) Departmental CRU Laboratory

Electronics & Communication Engineering

- (i) Basic Electronics Laboratory
- (ii) Advanced Electronics Laboratory
- (iii) VLSI Laboratory
- (iv) Computer Architecture Laboratory
- (v) Communication Laboratory
- (vi) DCN Laboratory
- (vii) Project and PCB Laboratory
- (viii) Microwave Laboratory
- (ix) Param Laboratory

Mechanical Engineering

- (i) Engineering Graphics Laboratory
- (ii) Machine Design and Drawing Laboratory
- (iii) Computer Aided Design Laboratory
- (iv) Mechatronics and Control Laboratory (Renaming of Mechatronics and Virtual Instrument Laboratory)
- (v) Materials Testing and Characterization Laboratory (Merging of Machine Element Laboratory and Material Characterization Laboratory)
- (vi) Product Development Laboratory
- (vii) Rotordynamics and Diagnostics Laboratory
- (viii) Foundry, Forming and Plastic Laboratory
- (ix) Advanced Manufacturing Laboratory
- (x) Machine Tool & Advanced Machining Laboratory

- (xi) Computer Aided Manufacturing Laboratory
- (xii) Industrial Engineering Laboratory
- (xiii) Measurement and Metrology Laboratory (Merging of Instrumentation and Metrology Laboratory)
- (xiv) Composite Manufacturing Laboratory
- (xv) Additive Manufacturing and Rapid Prototyping Laboratory
- (xvi) Heat and Mass Transfer Laboratory
- (xvii) Solar Energy Laboratory
- (xviii) Internal Combustion Engine Laboratory
- (xix) Automobile Engineering Laboratory
- (xx) Steam Power Engineering Laboratory
- (xxi) Refrigeration and Air Conditioning Laboratory
- (xxii) Industrial and Engine Tribology Laboratory (Renaming of Mechanical System Design Laboratory)
- (xxiii) Computational Research Laboratory
- (xxiv) Product Design and Manufacturing Laboratory

Physics

- (i) Undergraduate Physics Laboratory-I
- (ii) Undergraduate Physics Laboratory-II
- (iii) Research Laboratory

SMS

- (i) Systems Laboratory
- (ii) Behavior Dynamics Laboratory
- (iii) Research Scholars Laboratory

HSS

- (i) Language Laboratory

GIS Cell

- (i) Geoinformatics Laboratory

3.4 CENTRE FOR INTERDISCIPLINARY RESEARCH (CIR)

The Centre for Interdisciplinary Research (CIR) was established in 2012 by the Institute in order to promote cross-interdisciplinary research. In view of the dramatic developments in the field of Science and Technology research, CIR has been established in the Institute to keep pace with current cutting edge research.

One of the primary objectives of the Institute is to provide best research and analytical facilities for its undergraduate, postgraduate, research scholars and faculty. In addition to serving the Institute, the Centre welcomes researchers from all over the

country to use the facility at nominal cost. The Centre also looks forward for collaborative research programme with other leading Technical Institutions/ Universities and Research Laboratories. The functioning of CIR is being coordinated by a core committee and a technical committee constituted by the Director from among the faculty members of the Institute.

3.5 CENTRAL INSTRUMENTATION FACILITY

Central Instrumentation facility under Department of Biotechnology MNNIT Allahabad, is offering facilities for Ph. D. scholars, M. Tech. and B. Tech.

students for their research. The students and other stakeholders come and utilize the facilities available in the centre for their dissertation and research work. Details of publications are placed at **ANNEXURE-8**

List of Laboratories

- (i) Molecular Diagnostic Laboratory
- (ii) Microbiology Laboratory
- (iii) Immunodiagnostic and Tissue Culture Laboratory
- (iv) Biosafety Culture Laboratory (Class II)
- (v) Central Instrumentation Facility

Research Projects Ongoing/ Completed

Sl. No.	Principle Investigator/ Coinvestigator(s)	Project Title	Funding Agency	Amount (INR)	Duration (Status)
1.	Project Mentor: Director MNNIT Project Coordinator/PI: Dr. Shivesh Sharma	Design and Innovation Centre	MHRD	1,03,95,000.00	Ongoing

3.6 CENTRAL LIBRARY

An area of about 2455.49 sqm. has been occupied by the present Library building. It contains a Reading Hall 388 sq.m in which 175 readers can be accommodated at a time, a Stack-room of 470.42 sq.m having a collection of about 1,05,157 approx books. A Bound Periodical section having a collection of 17,651 approx volumes. Through e-Shodhsindhu Consortium and Institute subscribed thousands of e-Journals and 15,064 e-Books can be accessed 24x7. A dedicated facility in the form of e-Resources Access Room with 15 computer terminals is also available for accessing these.

Membership

The membership of the Central Library is open to students, teachers and the other administrative and technical officer and staff of the Institute. The present membership is about 5431.

Working Hours

The Library working hours are from 9:00 am to 12:00 midnight and circulation section remains open between 09:30 am to 07:30 pm on week days. On Saturdays / Sundays library working hours are from 9:00 am to 05:30 pm and circulation section remains open between 09:30

am to 05:00 pm. A total to 12704 books were transacted during the year.

Collection as on 31-3-2018

Bound periodicals	17,651
Books	1,05,157
eBooks	15,064

Additional during the year (01.04.17 to 31.03.18)

Bound periodicals	-----
Book and other reading material	- 5967 volumes

News Paper and Magazine

News paper and Magazine corner is located on the First floor in the Library. The Library subscribes 22 newspapers (13 Hindi + 09 English) and 23 (10 Hindi + 13 English) popular magazines on different topics.

Internet Access Facility

The Central Library provides 25 internet connections and wi-fi internet connections to its user and majority of students frequently use online journals and e-books for their research activities.

National Programme on Technology Enhanced Learning (NPTEL)

NPTEL provides E-learning through online Web and Video courses in Engineering, Science and

humanities streams. The mission of NPTEL is to enhance the quality of engineering education in the country.

Online Public Access Catalogue (OPAC)

Library has fully computerized catalogue search facility available to users through intranet.

E-Resource

The following e-Resource are available from eShodhsindhu consortium:

Sl. No.	e-Resources
(i)	ACM Digital Library
(ii)	Annual Reviews
(iii)	ASCE Journals Online
(iv)	ASME Journals Online
(v)	Economic & Political Weekly
(vi)	Institute for Studies in Industrial Development (ISID) Database
(vii)	JGate Plus (JCCC)
(viii)	JSTOR
(ix)	MathSciNet
(x)	Oxford University Press
(xi)	Web of Science

NDL e-Resources

- (i) World e-Book Library
- (ii) South Asia Archive (SAA)

Classification & Cataloguing

All the library books are classified as per "Dewey Decimal Scheme of Classification" and catalogued as per "AACR-II rules".

RFID Implementation

The Central Library has implemented the Radio Frequency Identification (RFID) system. It is the best-automated library automation system used worldwide and is an effective way of managing collections of the library and providing enhanced services to the users.

Reprographic Services

Provides for the personal use of users the copies of information materials available in library on ayment basis.

Textbook Lending Book Bank

The Book bank of the Institute helps the students of U.G. courses and MCA Students by making textbooks available to them from the Book bank for

largest duration. About 1808 students were benefited by this scheme and 3185 books were issued during the year.

SC/ST Book bank

Under centrally sponsored scheme for SC/ST students a total of 237 student of U.G. courses were benefited by this scheme and 359books issued to them. Under this scheme no rent is charged from the SC/ST students.

3.7 SCHOOL FOR NON-FORMAL AND CONTINUING EDUCATION (SNFCE)

The Institute offers the opportunity to working engineers in and around Allahabad employed with Industries, Government Departments, Educational Institutions and entrepreneurs to study for Masters Degree in various disciplines on a part-time basis. These are aimed at improving the standard and quality of technical education through improving the qualifications of the working professionals and faculty members of the government/ private technical Institute. The classes for these courses are organized in the evening.

M.Tech. (Part-Time) programmes which run under the School for Non Formal and Continuing Education (SNFCE) are of 03 years/ 06 semester duration out of which 02 years are for course work and one year for Thesis/ Dissertation/Projects. The candidates with minimum 02 years of working experience are eligible for admission.

The Institute provides modernized Lecture Halls, well equipped departmental laboratories, seminar room, computer centre and library in support of smooth running of classes of various M. Tech (Part-Time) Programmes, Faculty Development Programme, Conference/ Seminars, Short Term Courses and Training programme. The actual number of courses for the particular session to be offered is announced through the news papers alongwith other details of application.

It is a self supporting unit within the Institute and participates in organizing seminars, conferences, symposia etc. This unit also organizes short term courses and training programmes to run special course modules and sponsored courses on request from industries and academia.

The cell coordinates the activities of industry needs for academic and continuing education

programmes as well as executive development programmes and non-formal education and fosters collaborations for Industry-Institute partnership. A number of Faculty Development Programs (FDPs) have been organized by the SNFCE for the benefit of the faculty members from engineering colleges & persons from industries. The courses have proved very popular and useful.

SNFCE has also coordinated MHRD's Government of India academic improvement programme Global Initiative for Academic Networks (GIAN) in session 2017-18.

3.8 INTELLECTUAL PROPERTY RIGHT CELL (IPR CELL)

The Institute IPR cell has been constituted to maintain high standards of academics and to create a suitable environment for creation and protection of intellectual property.

In the year under report, the IPR Cell took following steps towards achieving the objective:

- (i) Subscription to Turnitin software was renewed to check similarity of text with the published material. The login is available to all the Heads of the Departments and faculty of the Institute.
- (ii) Every Ph.D Thesis is mandatorily checked by the 'Turnitin – Anti Plagiarism Web Tool' before submission as per approval of the Senate in its Eleventh (11th) emergent meeting held on 15.07.2014.
- (iii) During 01.04.2017 to 31.03.2018 IPR Cell checked 81 Ph.D theses.
- (iv) The draft IPR policy of the Institute is being finalized as per guidelines by the Board of Governors.
- (v) With the objective to promote patents and copyrights, a patent agency is being identified by inviting letter of Intent through open tender process, since the term of previous agency was upto 09.06.2017.
- (vi) The Institute has filed Thirteen (13) Patents till date, out of which Five (05) patent applications have been filed in the year under report.

Summary of Patent Applications

Sl.No.	Status	No.
(i)	FER issued	03

(ii)	Application published	01
(iii)	Awaiting Examination	08
(iv)	Waiting for Publication (Application not yet published)	02
(v)	Submitted	00
(vi)	Recommended by Evaluation Committee	03
Total		17

Following is the Constitution of the IPR Cell :

(i)	Director	Chairman IPR Cell
(ii)	Prof. Geetika, SMS	Chairperson , IPR Standing Committee
(iii)	Prof. H. Kar, ECED	Member, Standing Committee
(iv)	Prof. Neeraj Tyagi, CSED	Member, Standing Committee
(v)	Dr. Shivesh Sharma, OSD	Member, Standing Committee

3.9 NCCAND NSS

National Cadet Corps (NCC)

NCC wing is quite functional and active at MNNIT. Following were the activities carried out by NCC during 2017-18:

- (i) Enrollment of new NCC Cadets (Boys and girls) was completed on August 05, 2017 at MNNIT, Allahabad.
- (ii) NCC cadets (SD and SW) performed the parade on the auspicious occasion of 71th Independence Day, 2017 at MNNIT, Allahabad.
- (iii) NCC cadets participated in Swachh Bharat Abhiyan on September 21, 2017 at MNNIT, Allahabad.
- (iv) NCC cadets participated in Annual Training Camp, CATC-71 held from October 04-13, 2017 at Triveni Pushp, Arail Naini, Aild.
- (v) NCC cadets participated in Run for Unity & March Past Program on October 31, 2017 at MNNIT Allahabad.
- (vi) NCC cadets participated in Army Att. Camp from December 01-15, 2017 at Rapid Singal Regiment, Allahabad.
- (vii) NCC cadets performed the Swachchh Shapath Program on December 01, 2017 at MNNIT Allahabad.
- (viii) NCC cadets performed Swachchh Bharat Abhiyan on December 03, 2017 at MNNIT Allahabad.

- (ix) NCC cadets performed Matdata Shapath on January 25, 2018 at MNNIT Allahabad.
- (x) NCC cadets performed Parade on Republic Day on January 26, 2018 at MNNIT Aild.
- (xi) NCC cadets performed March Past Program on February 08, 2018 at MNNIT Allahabad

National Service Scheme (NSS)

NSS wing is quite functional and active at MNNIT. Following were the activities carried out by NSS during 2017-18.

- (i) NSS volunteers participated in Independence Day programme 2017.
- (ii) NSS volunteers participated in "Run for Unity" race organised on October 31, 2017.
- (iii) NSS volunteers participated in Republic Day Program 2018.

3.10 INSTITUTE HEALTH CENTRE

It is an out-patient centre catering the medical need of approximately 5000 students and allmembers of faculty and staff &their dependents.

Timing of Health Centre

All working days of the Institute: From 7.30 a.m. to 8.00 p.m.

All Saturdays and Sundays: From 9.00 a.m. to 1.00 p.m.

Facilities

- (i) Consultation & Dispensing of medicines to students, staff & their dependents.
- (ii) Special facilities of E.C.G. & Routine Pathological testing.
- (iii) Services of Dental surgeon, Skin specialist, ENT paediatrics, Orthopedic, Psychiatrists etc are available on different days.
- (iv) Homeopathic medicines are also being provided under consultation of Homeopathic Consultant.
- (v) Ayurvedic medicines are also being provided under consultation of Ayurvedic Consultant.
- (vi) Male & Female Physiotherapist is available for all type of physiotherapy.
- (vii) Organize different campus like blood donation camps, awareness of man of diseases like Hepatitis, ADS, Asthma, Diabetes, Arthritis and Blood Donation Camp.

Presently all the works at Health Care Centre are carried out by following staff:

Senior Medical Officer In-charge

Dr. Shailendra Kr. Mishra

Part Time General Duty Doctors

Dr.Sadhna Dwivedi General Physician
(Lady Doctor)

Dr. Shirley Paulson General Physician
(Lady Doctor)

Part Time Specialist Doctors

Dr. Nishant Nigam Skin Specialist

Dr. S.K.Agarwal E.N.T Surgeon

Dr. R.N. Mehrotra Pediatrician

Dr. Puneet Upadhya Dental Surgeon

Dr. Pushkar Nigam Neuro Physician

Dr. Avinash Jaiswal Orthopedic

Dr. Alka Eye Surgen

Part Time Homoeopathic Doctor

Dr. Seema Gupta

Part Time Ayurvedic Doctor

Dr.Sanjay Baranwal

Physiotherapist

Mrs. Deepti Yogeshwar,

Mr. C. Mohd. Soheb

Pharmacist

Shri Vinod Kumar Mishra

Shri R.K. Nirbhay

All pharmacists are managing complete dispensing of medicines and assisting specialist doctors during dispensary hours.

Dressers

Mr. Om Prakash Parasar

Mr. Vijay Kumar

Dressers are there to help in dressing, injections and miscellaneous work of Health Centre during working hours.

Nurses

Smt. Babali Karmakar

Smt. Neha Sharma

Two Nurses to help doctors and carryout other miscellaneous works.

Medical Technicians, Attendants & Ambulance

Mr. Uday Bhan Singh
 Mr. Ratnesh Kumar Pandey
 Mr. Ashish Kumar Srivastava
 Mr. Anup Kumar Tripathi
 Mr. Rajesh Singh

Medical attendants cum technician help in Blood testing, and miscellaneous work of health center during working hours.

Clerk:

Smt. Madhu Yadav

3.11 VEHICLE SECTION

Use of motorized vehicles (2-4 Wheelers) by Students in MNNIT Allahabad Campus is banned with effect from 21.07.2011.

Vehicle section has following vehicles through which numbers of facilities are provided to the students, staff and faculty members of the Institute.

Cars	Numbers
MUV	01
Bus (52 Seater)	02
Ambulance	01
Car	02

Facilities Provided

- Bus facility is provided to the students from Institute to Civil Lines on all week days. Buses are also provided for educational tour of students.
- Bus facility is provided to wards of staff and faculty members to some select schools on select routes on subsidized rates.
- Vehicles are also provided for any official visit provided approval is accorded by the competent authority.
- Vehicle is also provided to staff and faculty members for picking and dropping from/to Railway Station, Bus Stand and Airport on payment basis when they are not for official work. The guidelines for availing this facility and requisition slip are provided on the website of the Institute.
- Ambulance facility is free of cost to the students. For staff and faculty members, it is on the subsidized rate of Rs. 5.00 per km.

Bus Service for Students

Bus facility to the students is provided on following route and schedule:

- Institute (MP Hall) → Anand Bhawan → Balson Crossing → Hindu Hostel Crossing → Kamla Nehru Road → Lal Bahadur Shastri Marg → Hot Stuff Crossing → Head Post Office (Civil Lines).
- Return: same as above but in reverse order.

Terminus

Near "Patthar Girija Ghar (Stone Church)" (Civil Lines)

Schedule

For Saturday and Sunday

Trip No.	From Institute	From Civil Lines
1	1100 hrs	1230 hrs
2	1430 hrs	1530 hrs
3	1700 hrs	1930 hrs
4	2030 hrs	2130 hrs

For Monday to Friday

Trip No.	From Institute	From Civil Lines
1	1800 hrs	1900 hrs
2	1930 hrs	2000 hrs
3	2030 hrs	2130 hrs

Stoppage: Ganga gate, Crossing for Prayag Station, Anand Bhawan, Hindu Hostel Crossing, Maha Devi Verma Crossing, Hot-stuff Crossing, Stone Church Crossing.

Students are required to carry a valid Institute ID card to avail this service.

Human Resource

One full time driver is there in the vehicle section. For rest of the services, manpower is hired through Manpower Providing Agency.

3.12 WOMEN GRIEVANCE CELL

Women Advisory Cell has been constituted in accordance with the guidelines issued by Government of India to consider complains related to any sexual discrimination/ harassment of woman in the Institute. At Motilal Nehru National Institute of Technology Allahabad, various measures are taken to ensure a congenial

environment where everyone feels comfortable to perform without any kind of discrimination.

Display of Information

Hoardings have been placed at strategic points in the Institute to highlight what may comprise Sexual Harassment as also the penalties to deter occurrence of any such event. Contact details of chairperson are given on the hoarding for everyone's benefit.

In pursuance of the Department of Higher Education, Ministry of Human Resource and Development Office Memorandum No.32-5/2015. TS III dated 17th August, 2015 two Committees have been formed for dealing with matters of Women Grievances pertaining to employees and students of the Institute:-

Women Advisory Cell (WAC)

Sl. No.	Name	Designation
1.	Prof. Geetika, Professor, SMS	Chairperson
2.	Dr. Richa Negi, Associate Professor, EED, Chairperson, Institute Grievance Committee	Member
4.	Dr. Vibhuti Tripathi, Assistant Professor, SMS	Member
5.	Dr. Radha Rani Mewaram, Assistant Professor	Member
6.	Mrs. Manisha Yadav, Assistant Registrar [Academic]	Member
7.	Ms. Sushmita Kanungo, Principal, MPVM, Allahabad	External Member
8.	Ms. Shalini Agrawal, Chief Functionary, NGO Aastha, Allahabad	External Member
9.	Ms. Akanksha Shukla, Reg. No. 2014RMS01, Research Scholar, SMS,	Student Member
10.	Ms. Harshita Raj, Reg. No. 2014EE18, M.Tech.	Student Member

Alumni Felicitation Function-2017 on July 30, 2017

Sl. No.	Name	Branch	Program	Pass out Year	AIR (CSE-2006/15/14)
1.	Saumya Pandey	EE	B.Tech.	2015	04, CSE-2016
2.	Abhilash Mishra	Mech	B.Tech.	2011	05, CSE-2016
3.	Mayank Chaturvedi	Civil	B.Tech.	2014	77, CSE-2016
4.	Shashank Shekhar Pandey	Civil	B.Tech.	2015	363, CSE-2016

IInd Year, EED

11. Ms. Rushali Chaurasiya Student
Reg. No. 20128081, B.Tech. Member
Final Year, ECED

Internal Complaints Committee [ICC]

1. Prof. Geetika Chairperson, Women Grievance Cell
2. Prof. P. K. Dutta, Member
Chairperson, Institute Grievance Committee
3. Dr. Richa Negi Member
Associate Professor, EED
4. Ms. Shalini Agarwal, Expert Member
Aastha NGO, Colonelganj, Allahabad
5. Mrs. Manisha Yadav, Member
Assistant Registrar [Academic]

3.13 ALUMNI

Activities organized by Alumni Association during 1st April 2017 to 31st March 2018 are as under:-

Executive Committee Meeting

- (i) The Second meeting of the Executive Committee was held on 20 May, 2017 at 09:00 AM in the Conference room, MNNIT Alumni Association
(ii) The Third meeting of the Executive Committee was held on 19 August, 2017 at 09:00 AM in the Conference room, MNNIT Alumni Association
(iii) The First meeting of the Executive Committee was held on 10 March, 2018 at 10:00 AM in the Conference room, MNNIT Alumni Association

5.	Mayank Mishra	ECE	M.Tech.	2016	379, CSE-2016
6.	Suraj Patel	Mech	B.Tech.	2013	602, CSE-2016
7.	Harshit Saini	CS	B.Tech.	2012	817, CSE-2016
8.	Saurabh Jakhar	CS	B.Tech.	2012	CSE-2015
9.	Alankrita Pandey	CS	B.Tech.	2013	CSE-2015
10.	Satya Prakash	EE	B.Tech.	2007	CSE-2015
11.	Anshul Kumar	EE	B.Tech.	2012	CSE-2015
12.	Rajendra Jaipal	EE	B.Tech.	2008	CSE-2015
13.	Aparna Gautam	BT	B.Tech.	2012	CSE-2014
14.	Yogesh Mishra	CS	B.Tech.	2009	CSE-2014

Alumni Convention

Press Conference-2017 on 10 November 2017 at 12.30 pm at Conference room of MNNIT Alumni Association.

Alumni Convention-2017 on November 11-12, 2017.

Other Activities are as follow:

- (i) Alumni Holi Milan Meet (ALC) on March 25, 2018 at Ban Sagar Irrigation Colony 9 Sapru Margopp. Home Guard Office, Civil Lines, Allahabad.

3.14 CANTEEN

The Institute campus has excellent eating outlets, that serve food and cafeteria items at reasonable prices. The outlets are managed by:

- (i) M/s Amit Goyal
- (ii) M/s Rajesh Yadav
- (iii) M/s Ram Pher Yadav
- (iv) M/s Radhey Shyam Dwivedi
- (v) M/s P. K. Talwar
- (vi) M/s Teerath Raj
- (vii) M/s Anil S. Pillai
- (viii) M/s Raj Bhan Tiwari
- (ix) M/s Lal Bahadur
- (x) M/s Ambika Prasad Ojha
- (xi) M/s Desh Raj
- (xii) M/s Surendra Nath Yadav
- (xiii) M/s Ashish Agrawal
- (xiv) M/s JMD Canteen (Bikanerwala)
- (xv) M/s Mood Ka Food
- (xvi) M/s Janta Bazar Control

3.15 SC/ST CELL

SC/ST Cell has been constituted in the Institute to resolve all the affairs and problems related to the SC/ST Officers, Employees, and Students of the Institute.

Composition

(A) Regular members

- (i) Prof. Rakesh Narain, MED Chairman
- (ii) Dr. S. J. Pawar, AMD Convener
- (iii) Dr. Audhesh Narain, MED Member
- (iv) Dr. Radharani Mewaram, Member
Biotech.
- (v) Dr. Pramod Kumar Yadav, Member
Maths
- (vi) Sri. Monujeet Dayal, AMD Member
- (vii) Sri. Ranjeet Kumar Nirbhay, Member
Health Centre
- (viii) Registrar (ex-officio) Member

(B) Student members for Acad. Year 2017-18

- (i) Mr. Abhishek Kumar Saroj, Ph.D. Member
MED
- (ii) Mr. Subodh Pratap Singh, MBA Member
SMS
- (iii) Mr. Ujjwal Leyangi, ECED U. G. Member
- (iv) Ms. Kalpana Gautam, U.G. Member
Chemical Engineering

3.16 Reservation Cell

Reservation Cell takes care of Central Government reservation policy in the recruitment/promotion process. All advertisement for recruitment of faculty/non-faculty is routed through reservation cell. The reservation Cell is created under the direct control of Liaison Officers. Following Liaison Officers have been nominated by the Institute.

Dr. Rakesh Kumar – Liaison Officer, OBCs

Dr. S. J. Pawar - Liaison Officer, SCs/STs (also looks after PwDs)

3.17 EXECUTIVE DEVELOPMENT CENTRE (EDC)

EDC has 36 AC and 03 Non-AC rooms as per the following layout:

Capacity

Floor	No. of Rooms / Hall
Ground Floor	01 Meeting Hall & 01 Dining Hall 08 AC Rooms
1 st Floor	01 Conference Hall 01 AC Office Room/Meeting Hall 12 AC & 01 Non AC Rooms
2 nd Floor	06 AC & 01 Non AC Rooms
3 rd Floor	09 AC & 01 Non AC Rooms

Rates

Cat.	Type of Accommodation	Tariff for Rooms	
		AC	Non-AC
Official	Single Occupancy	300/-	200/-
	Double Occupancy	350/-	250/-
Non-official	Single Occupancy	500/-	400/-
	Double Occupancy	600/-	450/-

ADMINISTRATIVE BODIES

- 4.1 Board of Governors**
- 4.2 Finance Committee**
- 4.3 Building and Works Committee**
- 4.4 Senate**

4.1 BOARD OF GOVERNORS

Constitution of the Board of Governors as per Section 11 NIT Act 2007 [29 of 2007]

The Chairperson to be nominated by the Visitor

Shri Vijay K. Thadani
Vice Chairman & Managing Director
NIIT Limited
Plot No. 85, Sector 32
Gurgoan, Haryana-122001
&
Registered Office:
8, Balaji Estate, First Floor,
Guru Ravi Das Marg, Kalkaji
New Delhi-110019

Chairman
[upto 19.11.2017]

Prof. Rajeev Tripathi
Director
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Chairman
[w.e.f. 20.11.2017]

The Director, Ex-Officio Member

Prof. Rajeev Tripathi
Director
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member

Two persons not below the rank of Joint Secretary to the India to be nominated by the Central Government from amongst persons of Technical education and finance.

The Joint Secretary [TEL]
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan
New Delhi-110001

Member

The Joint Secretary & Financial Advisor
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan
New Delhi-110001

Member

Two persons nominated by the Government of U.P.

Vacant [since 12-01-2014]
Vacant [since 12-01-2014]

Member
Member

Two persons, at least one of whom shall be a woman, nominated by the Council :

Dr. (Ms.) Madhu Dikshit
Former Director
Central Drug Research Institute, Lucknow
Sector 10, Jankipuram Extension
Sitapur Road, Lucknow-226031

Member

Dr. (Ms.) Sudeshna Sinha
Professor of Physics
Indian institute of Science Education & Research, Mohali
Knowledge City, Sector 81, SAS Nagar
Manauli PO 140306, Mohali

Member

One Professor and one Assistant Professor or a Lecturer of the Institute nominated by the Senate.

Prof. S. K. Duggal
Professor,
Department of Civil Engineering,
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member
[upto 14.06.2017]

Prof. Peeush Ranjan Agrawal
Professor,
School of Management Studies,
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004

Member
[w.e.f. 15.06.2017]

Dr. Audhesh Narayan
Assistant Professor,
Department of Mechanical Engineering,
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member
[upto 14.06.2017]

Prof. Laxmi Kant Mishra
Professor,
Department of Civil Engineering,
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004

Member
[w.e.f. 15.06.2017]

The Director of the Indian Institute of Technology in whose zone the Institute is located, or his nominee, not below the rank of a Professor

Director
Indian Institute of Technology Kanpur
P.O. - IIT Kanpur,
Kanpur – 208016

Member

Registrar of the Institute as Ex-Officio Secretary

Dr. Asheesh K. Singh
Registrar [Oftg.]
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Secretary
[upto 30.11.2017]

Dr. Sarvesh Kumar Tiwari
Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Secretary
[w.e.f. 01.12.2017]

Five regular meetings and two emergent meeting of the Board of Governors were held during the year 2017-18

4.2 FINANCE COMMITTEE

Constitution of the Finance Committee as per Statutes 10 of the First Statutes of NITs.

The Chairperson Board of Governors, Ex-Officio Chairman

Shri Vijay K. Thadani
Vice Chairman & Managing Director
NIIT Limited
Plot No. 85, Sector 32
Gurgoan, Haryana-122001
&
Registered Office:
8, Balaji Estate, First Floor,
Guru Ravi Das Marg, Kalkaji
New Delhi-110019

Chairman
[upto 19.11.2017]

Prof. Rajeev Tripathi
Director
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Chairman
[w.e.f. 20.11.2017]

Director, Ex-Officio Member

Prof. Rajeev Tripathi
Director
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member

Joint Secretary dealing with NIT or his nominee and Financial Advisor [Human Resource Development] or his nominee members.

The Joint Secretary [TEL]
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan
New Delhi-110001

Member

The Joint Secretary & Financial Advisor
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan
New Delhi-110001

Member

Two persons nominated by the Board from amongst its members

Director
Indian Institute of Technology Kanpur
P.O. - IIT Kanpur,
Kanpur – 208016

Member
[w.e.f. 28.06.2017]

Prof. Peeush Ranjan Agrawal
Professor,
School of Management Studies,
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004

Member
[w.e.f. 28.06.2017]

The Registrar, Ex-Officio Member Secretary

Dr. Asheesh K. Singh
Registrar [Oftg.]

Member Secretary
[upto 30.11.2017]

Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Dr. Sarvesh Kumar Tiwari
Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member Secretary
[w.e.f. 01.12.2017]

Four meetings of the Finance Committee were held during the year 2017-18.

4.3 BUILDING AND WORKS COMMITTEE

Constitution of the Building and Works Committee as per Statutes 12 of the First Statutes of NITs

The Director, Ex-Officio Chairman of the Committee

Prof. Rajeev Tripathi
Director
Motilal Nehru National Institute of Technology Allahabad

Chairman

One member nominated by the Central Government not below the rank of Director or Deputy Secretary

The Director [NITs]
Department of Higher Education,
Ministry of Human Resource Development,
Shastri Bhawan, New Delhi-110001

Member

The Director [Finance]
Integrated Finance Division,
Department of Higher Education,
Ministry of Human Resource Development,
Shastri Bhawan, New Delhi-110001

Member

One member nominated by the Board of Governors

The Superintending Engineer
Indian Institute of Technology Kanpur,
Kanpur – 208016

Member

Dean [Planning and Development] or similar position

Prof. Vinod Yadava
Dean [Planning & Development]
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member
[upto 15.06.2017]

Prof. K. K. Shukla
Dean [Planning & Development]
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member
[from 16.06.2017 to
14.11.2017]

Prof. M. M. Gore
Dean [Planning & Development]
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member
[w.e.f. 15.11.2017]

One expert each from Civil and Electrical Engineering Wing of Central or State Government or any autonomous body of repute

Mr. Sanjeev Sehgal

Member

Engineer,
Northern Central Railway,
Allahabad, U.P.
Vacant [since 25.08.2016]

Member

Registrar, Ex-Officio Member Secretary

Dr. Asheesh K. Singh
Registrar [Oftg.]
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member Secretary
[upto 30.11.2017]

Dr. Sarvesh Kumar Tiwari
Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad – 211004

Member Secretary
[w.e.f. 01.12.2017]

Two regular meeting and one emergent meeting of the Building and Works Committee were held during the year 2017-18.

4.4 SENATE

Constitution of the Senate as per Section 14 of the NITs Act – 2007

The Director, Ex-Officio, who shall be the Chairman of the Senate

1. Prof. Rajeev Tripathi, Director

Chairman

The Deputy Director, Ex-Officio

1. Deputy Director [Vacant]

Member

The Professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute

Member

1. Prof. I. K. Bhat Member
2. Prof. Sudarshan Tiwari Member
3. Prof. S. K. Duggal Member
4. Prof. P.R. Agrawal Member
5. Prof. Vineeta Agarwal Member
6. Prof. R. K. Srivastava Member
7. Prof. Rajeev Tripathi [On leave] Member
8. Prof. M. M. Gore Member
9. Prof. K. K. Shukla [On leave] Member
10. Prof. Rakesh Narian Member
11. Prof. Anuj Jain Member
12. Prof. Suneeta Agarwal Member
13. Prof. Geetika Member
14. Dr. R. K. Singh Member
15. Prof. Vinod Yadava [On leave] Member
16. Prof. R. P. Tiwari Member
17. Prof. P. K. Dutta Member
18. Prof. Haranath Kar Member

19.	Prof. Anil Kumar Sachan	Member	
20.	Prof. P.P. Sahay	Member	
21.	Prof. A. K. Singh	Member	
22.	Prof. R. D. Gupta	Member	
23.	Prof. A. D. Bhatt	Member	
24.	Prof. Sanjay Chaubey	Member	
25.	Prof. R. K. Tripathi	Member	
26.	Prof. R. S. Yadav	Member	
27.	Prof. V. K. Srivastava	Member	
28.	Prof. R. C. Vaishya	Member	
29.	Prof. Ram Pal Singh	Member	
30.	Prof. Niroj Banerjee	Member	
31.	Prof. H. S. Goyal	Member	
32.	Prof. Vijaya Bhadauria	Member	
33.	Prof. Neeraj Tyagi	Member	
34.	Prof. Ravi Prakash	Member	
35.	Prof. Amit Dhawan	Member	
36.	Prof. Shubhi Purwar	Member	
37.	Prof. Shiv Dutt Kumar	Member	
38.	Prof. S. S. Narvi	Member	
39.	Prof. K. N. Pandey	Member	
40.	Prof. R. K. Nagaria	Member	
41.	Prof. P.K. Mehta	Member	
42.	Prof. Ravi PrakashTewari	Member	from 28.03.2018 onwards
43.	Prof. Shivesh Sharma	Member	from 28.03.2018 onwards
44.	Prof. Anjana Pandey	Member	from 28.03.2018 onwards
45.	Prof. [Mrs.] Sadhana Sachan	Member	from 28.03.2018 onwards
46.	Prof. G. K. Mehrotra	Member	from 28.03.2018 onwards
47.	Prof. Y. K. Gupta	Member	from 28.03.2018 onwards
48.	Prof. L. K. Mishra	Member	from 28.03.2018 onwards
49.	Prof. Rakesh Kumar	Member	from 28.03.2018 onwards
50.	Prof. Raj Mohan Singh	Member	from 28.03.2018 onwards
51.	Prof. Anil Kumar Singh	Member	from 28.03.2018 onwards
52.	Prof. D. S. Kushawaha	Member	from 28.03.2018 onwards
53.	Prof. D. K. Yadav	Member	from 28.03.2018 onwards
54.	Prof. Paulson Samuel	Member	from 28.03.2018 onwards
55.	Prof. Asheesh Kumar Singh	Member	from 28.03.2018 onwards
56.	Prof. Rajesh Gupta	Member	from 28.03.2018 onwards
57.	Prof. Richa Negi	Member	from 28.03.2018 onwards
58.	Prof. Ram Awadh Mishra	Member	from 28.03.2018 onwards
59.	Prof. Vijay Shankar Tripathi	Member	from 28.03.2018 onwards
60.	Prof. Ambalika Sinha	Member	from 28.03.2018 onwards
61.	Prof. S. N. Pandey	Member	from 28.03.2018 onwards
62.	Prof. Pankaj Srivastava	Member	from 28.03.2018 onwards

63.	Prof. Manoj Kumar	Member	from 28.03.2018 onwards
64.	Prof. Avanish Kumar Dubey	Member	from 28.03.2018 onwards
65.	Prof. Rajeev Srivastava	Member	from 28.03.2018 onwards
66.	Prof. M. K. Khurana	Member	from 28.03.2018 onwards
67.	Prof. S. K. Poddar	Member	from 28.03.2018 onwards
68.	Prof. Arvind Agrawal	Member	from 28.03.2018 onwards
69.	Prof. S. N. Pandey	Member	from 28.03.2018 onwards
70.	Prof. Tanuj Nandan	Member	from 28.03.2018 onwards
71.	Prof. Ganesh Pd. Sahu	Member	from 28.03.2018 onwards

Three persons, one of whom shall be a woman, not being employees of this Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities.

- | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1. | Prof. Sumathi Rao
Professor 'H'
Department of Physics
Harish-Chandra Research Institute Chhatnag Road,
Jhansi, Allahabad – 211019 | Member |
| 2. | Prof. S. N. Singh
Professor
Department of Electrical Engineering
Indian Institute of Technology Kanpur
Kanpur – 208016 | Member |
| 3. | Prof. Partha Basu
Professor
Department of Humanities & Social Sciences
Indian Institute of Technology Kharagpur
Kharagpur - 721302 | Member |

Registrar, Secretary of the Senate [Section 18[2] of the NITs Act]

Dr. Asheesh K. Singh Registrar [Oftg.] Motilal Nehru National Institute of Technology Allahabad Allahabad – 211004	Secretary [upto30.11.2017]
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Dr. Sarvesh Kumar Tiwari Registrar Motilal Nehru National Institute of Technology Allahabad Allahabad – 211004	Secretary [w.e.f. 01.12.2017]
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Four regular meetings of the Senate were held during 2017-18.

THE STAFF

- 5.1 Academic Staff**
- 5.2 Administrative Officers**
- 5.3 Technical Staff**
- 5.4 Ministerial Staff**
- 5.5 Supporting Staff**

5.1 ACADEMIC STAFF

Head of Institution

Prof. Rajeev Tripathi

Director

Sl. No.	Name	Professors Department	
1.	Dr. I. K. Bhat	Applied Mechanics	
2.	Dr. K. K. Shukla	Applied Mechanics	
3.	Dr. Anuj Jain	Applied Mechanics	
4.	Dr. Ravi Prakash Tewari	Applied Mechanics	from 28.03.2018 onwards
5.	Dr. P. K. Dutta	Chemistry	
6.	Dr. S. S. Narvi	Chemistry	
7.	Dr. G. K. Mehrotra	Chemistry	from 28.03.2018 onwards
8.	Dr. S. K. Duggal	Civil Engineering	
9.	Dr. R. P. Tiwari	Civil Engineering	
10.	Dr. Anil Kumar Sachan	Civil Engineering	
11.	Dr. A. K. Singh	Civil Engineering	
12.	Dr. R. D. Gupta	Civil Engineering	
13.	Dr. R. C. Vaishya	Civil Engineering	
14.	Dr. Ram Pal Singh	Civil Engineering	
15.	Dr. P. K. Mehta	Civil Engineering	
16.	Dr. Y. K. Gupta	Civil Engineering	from 28.03.2018 onwards
17.	Dr. L. K. Mishra	Civil Engineering	from 28.03.2018 onwards
18.	Dr. Rakesh Kumar	Civil Engineering	from 28.03.2018 onwards
19.	Dr. Raj Mohan Singh	Civil Engineering	from 28.03.2018 onwards
20.	Dr. M. M. Gore	Computer Science Engineering	
21.	Dr. Suneeta Agarwal	Computer Science Engineering	
22.	Dr. R. S. Yadav	Computer Science Engineering	
23.	Dr. Neeraj Tyagi	Computer Science Engineering	
24.	Dr. Anil Kumar Singh	Computer Science Engineering	from 28.03.2018 onwards
25.	Dr. D. S. Kushawaha	Computer Science Engineering	from 28.03.2018 onwards
26.	Dr. D. K. Yadav	Computer Science Engineering	from 28.03.2018 onwards
27.	Dr. Vineeta Agarwal	Electrical Engineering	
28.	Dr. R. K. Singh	Electrical Engineering	
29.	Dr. R. K. Tripathi	Electrical Engineering	
30.	Dr. Shubhi Purwar	Electrical Engineering	
31.	Dr. Paulson Samuel	Electrical Engineering	from 28.03.2018 onwards
32.	Dr. Asheesh Kumar Singh	Electrical Engineering	from 28.03.2018 onwards
33.	Dr. Rajesh Gupta	Electrical Engineering	from 28.03.2018 onwards
34.	Dr. Richa Negi	Electrical Engineering	from 28.03.2018 onwards
35.	Dr. Sudarshan Tiwari	Electronics & Communication Engineering	
36.	Dr. Rajeev Tripathi [Director]	Electronics & Communication Engineering	
37.	Dr. Haranath Kar	Electronics & Communication Engineering	
38.	Dr. V. K. Srivastava	Electronics & Communication Engineering	
39.	Dr. Vijaya Bhadauria	Electronics & Communication Engineering	
40.	Dr. Amit Dhawan	Electronics & Communication Engineering	
41.	Dr. R. K. Nagaria	Electronics & Communication Engineering	
42.	Dr. Ram Awadh Mishra	Electronics & Communication Engineering	from 28.03.2018 onwards
43.	Dr. Vijay Shankar Tripathi	Electronics & Communication Engineering	from 28.03.2018 onwards
44.	Dr. Niroj Banerjee	Humanities & Social Science	

45.	Dr. Ambalika Sinha	Humanities & Social Science	from 28.03.2018 onwards
46.	Dr. Shiv Dutt Kumar	Mathematics	
47.	Dr. S. N. Pandey	Mathematics	from 28.03.2018 onwards
48.	Dr. Pankaj Srivastava	Mathematics	from 28.03.2018 onwards
49.	Dr. Manoj Kumar	Mathematics	from 28.03.2018 onwards
50.	Dr. R. K. Srivastava	Mechanical Engineering	
51.	Dr. Rakesh Narian	Mechanical Engineering	
52.	Dr. Vinod Yadava	Mechanical Engineering	
53.	Dr. A. D. Bhatt	Mechanical Engineering	
54.	Dr. H. S. Goyal	Mechanical Engineering	
55.	Dr. Ravi Prakash	Mechanical Engineering	
56.	Dr. K. N. Pandey	Mechanical Engineering	
57.	Dr. Avanish Kumar Dubey	Mechanical Engineering	from 28.03.2018 onwards
58.	Dr. Rajeev Srivastava	Mechanical Engineering	from 28.03.2018 onwards
59.	Dr. M. K. Khurana	Mechanical Engineering	from 28.03.2018 onwards
60.	Dr. S. K. Poddar	Mechanical Engineering	from 28.03.2018 onwards
61.	Dr. P. P. Sahay	Physics	
62.	Dr. Sanjay Chaubey	Physics	
63.	Dr. Arvind Agrawal	Physics	from 28.03.2018 onwards
64.	Dr. S. N. Pandey	Physics	from 28.03.2018 onwards
65.	Dr. Shivesh Sharma	Biotechnology	from 28.03.2018 onwards
66.	Dr. Anjana Pandey	Biotechnology	from 28.03.2018 onwards
67.	Dr. Sadhana Sachan	Chemical Engineering	from 28.03.2018 onwards
68.	Dr. P. R. Agrawal	School of Management Studies	
69.	Dr. Geetika	School of Management Studies	
70.	Dr. Tanuj Nandan	School of Management Studies	from 28.03.2018 onwards
71.	Dr. Ganesh Prasad Sahu	School of Management Studies	from 28.03.2018 onwards

ASSOCIATE PROFESSORS			
Sl.No.	Name	Department	
1.	Dr. Ramesh Pandey	Applied Mechanics	from 28.03.2018 onwards
2.	Dr. Abhishek Kumar	Applied Mechanics	from 28.03.2018 onwards
3.	Dr. Akshoy Ranjan Paul	Applied Mechanics	from 28.03.2018 onwards
4.	Dr. Ajaya Bharti	Applied Mechanics	from 28.03.2018 onwards
5.	Dr. Anindya Bhar	Applied Mechanics	from 28.03.2018 onwards
6.	Dr. V. Murari	Applied Mechanics	from 28.03.2018 onwards
7.	Dr. Ashutosh Kumar Upadhaya	Applied Mechanics	from 28.03.2018 onwards
8.	Dr. S. J. Pawar	Applied Mechanics	
9.	Dr. Nand Kumar Singh	Biotechnology	from 28.03.2018 onwards
10.	Dr. Vishnu Agarwal	Biotechnology	from 28.03.2018 onwards
11.	Dr. Sangeeta Negi	Biotechnology	from 28.03.2018 onwards
12.	Dr. Manisha Sachan	Biotechnology	from 28.03.2018 onwards
13.	Dr. Seema Nara	Biotechnology	from 28.03.2018 onwards
14.	Dr. Mohd Siraj Alam	Chemical Engineering	from 28.03.2018 onwards
15.	Dr. Sushil Kumar	Chemical Engineering	from 28.03.2018 onwards
16.	Dr. Ashutosh Pandey	Chemistry	from 28.03.2018 onwards
17.	Dr. Tamal Ghosh	Chemistry	from 28.03.2018 onwards
18.	Dr. Kumar Venkatesh	Civil Engineering	from 28.03.2018 onwards
19.	Dr. Nek Ram Rawal	Civil Engineering	from 28.03.2018 onwards
20.	Dr. Gautam Ghosh	Civil Engineering	from 28.03.2018 onwards
21.	Dr. Priya Ranjan Pal	Civil Engineering	from 28.03.2018 onwards

22.	Dr. Rama Shankar	Civil Engineering	from 28.03.2018 onwards
23.	Dr. Shalinee Shukla	Civil Engineering	from 28.03.2018 onwards
24.	Dr. Varun Singh	Civil Engineering	from 28.03.2018 onwards
25.	Dr. Hemant Kumar Pandey	Civil Engineering	from 28.03.2018 onwards
26.	Dr. Mayank Pandey	Computer Science Engineering	from 28.03.2018 onwards
27.	Dr. Anoj Kumar	Computer Science Engineering	from 28.03.2018 onwards
28.	Sri Rajesh Tripathi	Computer Science Engineering	from 28.03.2018 onwards
29.	Sri Manoj Wairiya	Computer Science Engineering	from 28.03.2018 onwards
30.	Dr. Nand Kishor	Electrical Engineering	[On Leave]
31.	Dr. S. R. Mohanty	Electrical Engineering	from 28.03.2018 onwards
32.	Dr. Nitin Singh	Electrical Engineering	from 28.03.2018 onwards
33.	Dr. V. Krishna Rao	Electronics & Communication Engineering	from 28.03.2018 onwards
34.	Dr. Arvind Kumar	Electronics & Communication Engineering	from 28.03.2018 onwards
35.	Dr. Basant Kumar	Electronics & Communication Engineering	from 28.03.2018 onwards
36.	Dr. Sanjeev Rai	Electronics & Communication Engineering	from 28.03.2018 onwards
37.	Dr. Manish Tiwari	Electronics & Communication Engineering	from 28.03.2018 onwards
38.	Dr. Arun Prakash	Electronics & Communication Engineering	from 28.03.2018 onwards
39.	Dr. Yogendra Kumar Prajapati	Electronics & Communication Engineering	from 28.03.2018 onwards
40.	Dr. Santosh Kumar Gupta	Electronics & Communication Engineering	from 28.03.2018 onwards
41.	Mr. Asim Mukharjee	Electronics & Communication Engineering	from 28.03.2018 onwards
42.	Dr. Rajesh Kumar Shastri	Humanities & Social Science	from 28.03.2018 onwards
43.	Dr. Ravindra Tripathi	Humanities & Social Science	from 28.03.2018 onwards
44.	Dr. Jyotsana Sinha	Humanities & Social Science	from 28.03.2018 onwards
45.	Dr. Gorakh Nath	Mathematics	from 28.03.2018 onwards
46.	Dr. Mukesh Kumar	Mathematics	from 28.03.2018 onwards
47.	Dr. Pramod Kumar Yadav	Mathematics	from 28.03.2018 onwards
48.	Dr. Sahadev Padhye	Mathematics	from 28.03.2018 onwards
49.	Dr. Pitam Singh	Mathematics	from 28.03.2018 onwards
50.	Dr. Mukul Shukla	Mechanical Engineering	[On Leave]
51.	Dr. Audhesh Narain	Mechanical Engineering	from 28.03.2018 onwards
52.	Dr. Samir Saraswati	Mechanical Engineering	from 28.03.2018 onwards
53.	Dr. S. Bholu Nath Mishra	Mechanical Engineering	from 28.03.2018 onwards
54.	Dr. Praveen Kumar Agrawal	Mechanical Engineering	from 28.03.2018 onwards
55.	Dr. Rabindra Kumar Patel	Mechanical Engineering	from 28.03.2018 onwards
56.	Dr. Dharmendra Kumar Shukla	Mechanical Engineering	from 28.03.2018 onwards
57.	Dr. Jagadish Chandra Mohanta	Mechanical Engineering	from 28.03.2018 onwards
58.	Dr. Manish Gupta	Mechanical Engineering	from 28.03.2018 onwards
59.	Dr. Naresh Kumar	Physics	from 28.03.2018 onwards
60.	Dr. Animesh Kumar Ojha	Physics	from 28.03.2018 onwards
61.	Dr. Tripti Singh	School of Management Studies	from 28.03.2018 onwards
62.	Dr. Vibhuti Tripathi	School of Management Studies	from 28.03.2018 onwards

Assistant Professors		
Sl. No.	Name	Department
1.	Dr. Vivek Kumar Patel	Applied Mechanics
2.	Dr. Radha Rani Mewaram	Biotechnology
3.	Dr. Ashutosh Mani	Biotechnology
4.	Dr. Ambak Kumar Rai	Biotechnology
5.	Dr. Sameer Srivastava	Biotechnology
6.	Dr. Sanjay Kumar	Biotechnology
7.	Dr. Suantak Kamsonlian	Chemical Engineering

8.	Dr. Ashish Nivrittinath Sawarkar	Chemical Engineering
9.	Dr. Harinder Singh	Chemical Engineering
10.	Dr. Ankur Gaur	Chemical Engineering
11.	Dr. Shabih-UI-Hasan	Chemical Engineering
12.	Dr. Debolina Basu	Civil Engineering
13.	Dr. Kumar Pallav	Civil Engineering
14.	Dr. Vishwajeet Pratap Singh	Civil Engineering
15.	Dr. Vijay Kumar	Civil Engineering
16.	Dr. Anupam Rawat	Civil Engineering
17.	Dr. Krishna Kumar Mishra	Computer Science Engineering
18.	Dr. Ranvijay	Computer Science Engineering
19.	Dr. Shashank Srivastava	Computer Science Engineering
20.	Dr. Divya Kumar	Computer Science Engineering
21.	Dr. Shashwati Banerjea	Computer Science Engineering
22.	Dr. Dinesh Singh	Computer Science Engineering
23.	Dr. Dushyant Kumar Singh	Computer Science Engineering
24.	Dr. Pragya Dwivedi	Computer Science Engineering
25.	Dr. Rupesh Kumar Dewang	Computer Science Engineering
26.	Dr. Rajitha B.	Computer Science Engineering
27.	Dr. Deepak Kumar	Electrical Engineering
28.	Dr. Navneet Kumar Singh	Electrical Engineering
29.	Dr. Niraj Kumar Choudhary	Electrical Engineering
30.	Dr. M. Venkatesh Naik	Electrical Engineering
31.	Dr. Karuppanan P.	Electronics & Communication Engineering
32.	Dr. Shweta Tripathi	Electronics & Communication Engineering
33.	Sri Rajeev Gupta	Electronics & Communication Engineering
34.	Sri Mohammad Kaifi	Electronics & Communication Engineering
35.	Dr. Vadthiya Narendar	Electronics & Communication Engineering
36.	Dr. Ramji Dwivedi	GIS Cell
37.	Dr. Manohar Yadav	GIS Cell
38.	Dr. Sonam Agarwal	GIS Cell
39.	Dr. Buddakkagari Vasu	Mathematics
40.	Dr. Surabhi Tiwari	Mathematics
41.	Dr. Vandana Agrawal	Mechanical Engineering
42.	Dr. Venketeshwara Rao Koma	Mechanical Engineering
43.	Dr. Rahul Dev	Mechanical Engineering
44.	Dr. Sunil Kumar Gupta	Mechanical Engineering
45.	Dr. Pragya Shandilya	Mechanical Engineering
46.	Dr. Bireswar Paul	Mechanical Engineering
47.	Dr. Manoj Kumar Gupta	Mechanical Engineering
48.	Dr. Bhore Skylab Pavalas	Mechanical Engineering
49.	Dr. Jitendra Narayan Gangwar	Mechanical Engineering
50.	Sri Binayaka Nahak	Mechanical Engineering
51.	Dr. Piyali Ghosh [On Leave]	School of Management Studies

Heads of the Departments				
Sl. No.	Name	Department		Remarks
1.	(i) Dr. R. P. Tewari	Applied Mechanics		upto 17.08.2017
	(ii) Prof. S. J. Pawar	Applied Mechanics		w.e.f. 18.08.2017
2.	Prof. Shivesh Sharma	Biotechnology		
3.	Prof. G. K. Mehrotra	Chemistry		

4.	(i)	Prof. Anuj Jain	Chemical Engineering	upto 16.04.2017
	(ii)	Prof. S. S. Narvi	Chemical Engineering	w.e.f. 17.04.2017
5.		Prof. Neeraj Tyagi	Computer Science Engineering	
6.	(i)	Prof. A. K. Singh	Civil Engineering	upto 26.07.2017
	(ii)	Prof. R. D. Gupta	Civil Engineering	w.e.f. 27.07.2017
7.	(i)	Prof. Shubhi Purwar	Electrical Engineering	upto 10.07.2017
	(ii)	Prof. Paulson Samuel	Electrical Engineering	w.e.f. 10.07.2017
8.	(i)	Prof. V. K. Srivastava	Electronics & Communication Engineering	upto 10.08.2017
	(ii)	Prof. Vijaya Bhadauriya	Electronics & Communication Engineering	w.e.f. 11.08.2017
9.		Prof. Suneeta Agarwal	Chairperson, GIS Cell	
10.	(i)	Dr. Ambalika Sinha	Humanities& Social Sciences	upto 22.08.2017
	(ii)	Prof. S. K. Duggal	Humanities& Social Sciences	w.e.f. 23.08.2017
	(iii)	Prof. Niroj Banerji	Humanities& Social Sciences	w.e.f. 23.02.2018
11.	(i)	Prof. Rakesh Narain	Mechanical Engineering	upto 15.06.2017
	(ii)	Prof. Vinod Yadava	Mechanical Engineering	w.e.f. 16.06.2017
	(iii)	Prof. A. D. Bhatt	Mechanical Engineering	w.e.f. 21.03.2018
12.	(i)	Dr. Pankaj Srivastava	Mathematics	upto 20.09.2017
	(ii)	Prof. H. Kar	Mathematics	w.e.f. 21.09.2017
	(iii)	Prof. Manoj Kumar	Mathematics	w.e.f. 21.03.2018
13.		Prof. Arvind Agarwal	Physics	
14.	(i)	Dr. Tanuj Nandan	School of Management Studies	upto 22.08.2017
	(ii)	Prof. G. P. Sahu	School of Management Studies	w.e.f. 23.08.2017

Deans				
Sl. No.	Name	Division	Remarks	
1.	(i)	Prof. Geetika	Dean [Academic]	upto 31.08.2017
	(ii)	Prof. R. K. Tripathi	Dean [Academic]	w.e.f. 01.09.2017
2.	(i)	Prof. Vinod Yadava	Dean [Planning & Development]	upto 15.06.2017
	(ii)	Prof. K. K. Shukla	Dean [Planning & Development]	w.e.f. 16.06.2017
	(iii)	Prof. M. M. Gore	Dean [Planning & Development]	w.e.f. 15.11.2017
3.	(i)	Prof. Vineeta Agrawal	Dean [Research & Consultancy]	upto 11.03.2018
	(ii)	Prof. Geetika	Dean [Research & Consultancy]	w.e.f. 12.03.2018
4.	(i)	Prof. S. K. Duggal	Dean [Faculty Welfare]	upto 31.07.2017
	(ii)	Prof. P. R. Agrawal	Dean [Faculty Welfare]	w.e.f. 07.08.2017
5.		Prof. R. K. Singh	Dean [Student Welfare]	
6.	(i)	Prof. M. M. Gore	Dean [Resource Generation & International Affairs]	

5.2 ADMINISTRATIVE OFFICERS

Sl. No.	Name	Designation	Remarks
1.	Dr. Asheesh Kumar Singh	Registrar (Oftg.)	upto [30.11.2017]
2.	Dr. Sarvesh K. Tiwari	Registrar	w.e.f. [01.12.2017]
3.	Shri Uma Shankar Sharma	Dy. Registrar (Academic)	
4.	Dr. Shwetank Parihar	Assistant Registrar	
5.	Mrs. Manisha Yadav	Assistant Registrar	
6.	Shri Mohd. Danish Ansari	Assistant Registrar	
7.	Shri Gyanendra Kumar Tiwari	Assistant Registrar	
8.	Shri Satyajeet Kumar	Assistant Registrar	
9.	Shri Manas Agrawal	Assistant Registrar	
10.	Shri Manish Kumar	Executive Engineer	
11.	Shri Arvind Kumar Singh	Engineer [Electrical Maintenance]	
12.	Shri Raghvendra Singh	SAS Officer	

13.	Dr. S. P. Verma	SAS Officer
14.	Shri Abhay Singh	Programmer
15.	Shri Satanand Yadav	Foreman
16.	Shri Ritesh Sahu	Dy. Librarian
17.	Shri Arvind Kant Singh	Assistant Librarian

5.3 TECHNICAL STAFF

Technical Assistant [SG-I]

1. Shri Trivikram
2. Shri D. K. Dwivedi
3. Shri Shri Kant

Technical Assistant [SG-II]

1. Shri Jeet Lal Yadav [Retired on 31.08.17]
2. Shri A. K. Agrawal
3. Shri Sanjay Singh

Technical Assistant

1. Smt. Anju Jha
2. Shri Ashutosh Kr. Gupta
3. Shri Manoj Singh Bonal
4. Smt. Sangeeta Rani
5. Shri Chedi Lal Patel

Senior Technical Assistant

1. Shri Harish Chandra
2. Shri S. N. Chaturvedi
3. Shri Pankaj Sikka

Assistant Engineer

1. Shri K. N. Singh

Junior Engineer [Civil Maintenance]

1. Shri Sanjay Singh

Technician [SG-I]

1. Shri Gyanandra Singh
2. Shri Shri Kant Tiwari [Retired on 31.01.18]
3. Shri Nanku Lal [Retired on 31.10.17]
- Shri Om Prakash
5. Shri R. K. Sharma

Technician [SG-II]

1. Shri Algoo Prasad
2. Shri Bharat Lal [Retired on 31.01.18]
3. Shri Ramji [Retired on 31.07.17]
4. Shri Keshav Kumar
5. Shri Ramesh Chandra Pal [Retired on 31.01.18]
6. Shri Diwakar Tiwari
7. Shri Man Singh

8. Shri Kanhaiya Lal
9. Shri Gopal Ram
10. Shri Ram Chandra-II
11. Shri Radhey Shyam [Retired on 31.10.17]
12. Shri Om Prakash Parashar

Senior Technician

1. Shri Kamla Prasad
2. Shri Moti Lal
3. Shri Rakesh Gupta
4. Shri Uma Shanker [Retired on 31.07.17]
5. Shri Manoj Kr. Tripathi
6. Shri Hari Shanker
7. Shri Lal Bahadur Yadav
8. Shri Ram Sajiwan
9. Shri Shiv Murat Yadav
10. Shri Ram Bahadur Yadav
11. Shri. D. N. Pandey
12. Shri Satya Narain Singh
13. Shri Brijesh Kumar
14. Shri Rama Shankar

Pharmacist [SG-II]

1. Shri G.S. Maurya [Retired on 31.07.2017]

Senior Pharmacist

1. Shri Vinod Kumar Mishra
2. Shri Ranjeet Kumar Nirbhay

5.4 MINISTERIAL STAFF

Superintendent [SG-II]

1. Shri A. B. Singh [Retired on 30.06.17]

Senior Superintendent

1. Shri R. K. Pandey [Retired on 28.02.18]
2. Shri Ganga Prasad

Superintendent

1. Shri Banwari Lal
2. Shri H. I. Malik
3. Shri Girja Shankar
4. Shri Sangam Lal Kushwaha
5. Shri Viveka Nand
6. Shri Tribhwan N. Tripathi
7. Shri Amar Singh Yadav

8. Shri S. K. Gaur
9. Shri Srikant
10. Shri Anirudh Kr. Chaudhary

Assistant [SG-I]

1. Shri Y. P. Tripathi [Retired on 31.07.17]
2. Shri Shahid Irfan [Retired on 31.12.17]
3. Shri Ram Achraj Yadav [Retired on 31.12.17]
4. Shri Shyam Babu
5. Shri S. K. Srivastava [Retired on 31.03.18]
6. Shri Anil Kumar
7. Shri Mewalal
8. Shri Chandrabhan
9. Shri Shiv Karan Patel
10. Shri Amrit Lal
11. Shri Subhas Ram

Assistant [SG-II]

1. Shri Sanjay Yadav

Senior Assistant

1. Shri A. V. Pathak
2. Shri Vijai Pal
3. Shri Mohd. Saqib
4. Shri Bechan Ram
5. Shri Sangam Lal
6. Shri Anant Kumar Tiwari
7. Smt. Veena Singh
8. Smt Madhu Yadav
9. Shri Chet Ram Bhartiya [Retired on 31.07.17]
10. Shri Vinod Kumar
11. Shri Deepak Kumar

Junior Assistant

1. Shri Prem Chand

Senior Secretary

1. Shri Nirmal Kumar Shukla

Secretary

1. Shri Ram Baran

5.5 SUPPORTING STAFF

Attendant

1. Shri T. N. Shukla
2. Shri Om Prakash Yadav
3. Shri S. R. Kushwaha
4. Shri Riyaz Ahmad
5. Shri. Tribhuvan Singh Yadav
6. Shri Mahesh Kumar
7. Shri Jeet Lal II

8. Shri Gyan Chandra [Retired on 31.03.18]
9. Shri Ram Nath
10. Shri Paras Nath [Retired on 31.03.18]
11. Shri Naresh Chandra
12. Shri D. S. Mishra
13. Shri K. P. Maurya
14. Shri R. S. Pal
15. Shri Ram Dulare
16. Shri Satya Narain
17. Shri Sudhakar Tiwari
18. Shri Raja Ram
19. Shri Phool Chandra
20. Shri Amar Nath Patel [Retired on 28.02.18]
21. Shri Om Prakash
22. Shri Paras Nath Saroj
23. Shri Jagdish Prasad
24. Shri Masuriya Deen Maurya
25. Shri Radhey Shyam
26. Shri Rajendra Kumar
27. Shri Ramesh
28. Smt. Sheela
29. Shri Ram Dulare
30. Smt. Nirmala Devi
31. Shri Ranjeet
32. Shri Shankar Lal
33. Shri Anil
34. Shri Suresh
35. Shri Raju
36. Shri Parkash
37. Shri Rajendra Pd.
38. Shri Pappu Lal
39. Shri Rajesh
40. Shri Mohan Lal
41. Shri Banwari Lal
42. Shri Sangam Lal Yadav
43. Shri Brij Mohan Yadav
44. Shri Ram Mani Yadav
45. Shri Laloo
46. Shri Harish Chandra Pal [Retired on 31.01.18]
47. Shri Raj Narian Kashyap
48. Smt Urmila Devi
49. Shri Ram Nath Pal [Retired on 31.01.18]
50. Shri Jeet Lal Yadav [Retired on 31.01.18]
51. Shri Jahli Singh
52. Shri Duryodhan Lal
53. Shri Nand Lal Prajapati
54. Shri H.C. Maurya
55. Shri Nand Lal
56. Shri Monu Jeet Dayal
57. Shri Ramakant Pal
58. Shri Hari Lal Yadav

- | | |
|---------------------------------|---------------------------|
| 59. Shri Jagan Nath alias Lallu | |
| 60. Shri Husala Pd. | 67. Smt. Kaushalya Devi |
| 61. Shri Shobh Nath Maurya | 68. Shri Om Parkash Yadav |
| 62. Shri Jag Lal | 69. Shri Rajendra Pd. |
| 63. Shri Gulab Chandra | 70. Shri Suraj |
| 64. Shri Pawan Kumar Mishra | 71. Shri Shyam Lal Pal |
| 65. Smt Geeta Devi | 72. Shri Ram Jatan Maurya |
| 66. Shri Ram Sanehi Maurya | |

ACADEMIC PROGRAMMES

- 6.1 Bachelor of Technology (B.Tech.)
- 6.2 Master of Technology (M.Tech.)
- 6.3 Master of Business Administration (M.B.A.)
- 6.4 Master of Computer Applications (M.C.A.)
- 6.5 Master of Science (M.Sc.)
- 6.6 Doctoral Programmes (Ph.D.)

**6.1 BACHELOR OF TECHNOLOGY (B.TECH.)
DEGREE COURSES (4 YEARS / 8 SEMESTERS)**

- (i) Biotechnology
- (ii) Chemical Engineering
- (iii) Civil Engineering
- (iv) Computer Science Engineering
- (v) Electrical Engineering
- (vi) Electronics and Communication Engineering
- (vii) Information Technology
- (viii) Mechanical Engineering
- (ix) Production & Industrial Engineering

**6.2 MASTER OF TECHNOLOGY (M.TECH.) DEGREE
COURSE**

Regular (2 Years/ 4 Semesters)

Applied Mechanics Department

- (i) Applied Mechanics
- (ii) Biomedical Engineering
- (iii) Fluids Engineering
- (iv) Material Science and Engineering

Biotechnology Department

- (i) Biotechnology

Chemical Engineering Department

- (i) Chemical Engineering

Civil Engineering Department

- (i) Civil Engineering (Environmental Engineering)
- (ii) Civil Engineering (Geo-Technical Engineering)
- (iii) Civil Engineering (Structural Engineering)
- (iv) Civil Engineering (Environmental Geo-technology)

Computer Science Engineering Department

- (i) Computer Science Engineering
- (ii) Software Engineering
- (iii) Information Security

Electrical Engineering Department

- (i) Electrical Engineering (Control & Instrumentation)
- (ii) Electrical Engineering (Power Electronics & ASIC Design)
- (iii) Electrical Engineering (Power System)

**Electronics and Communication Engineering
Department**

- (i) Electronics Engineering (Digital System)
- (ii) Electronics Engineering (Microelectronics and VLSI Design)
- (iii) Electronics Engineering (Communication System)

Mechanical Engineering Department

- (i) Mechanical Engineering (Design Engineering)
- (ii) Mechanical Engineering (Production Engineering)
- (iii) Mechanical Engineering (Computer Aided Design and Manufacturing)
- (iv) Mechanical Engineering (Product Design & Development)
- (v) Mechanical Engineering (Thermal Engineering)

GIS Cell

- (i) GIS and Remote Sensing

Part-Time (3 Years/ 6 Semesters)

Civil Engineering Department

- (i) Civil Engineering (Environmental Engineering)

Computer Science Engineering Department

- (i) Software Engineering

Electrical Engineering Department

- (i) Electrical Engineering (Power Electronics & ASIC Design)

Mechanical Engineering Department

- (i) Mechanical Engineering (Production Engineering)

**6.3 MASTER OF BUSINESS ADMINISTRATION
(MBA), (2 Years/ 4 Semesters)**

Following specializations are offered:

- (i) Finance
- (ii) Marketing
- (iii) Human Resource
- (iv) Systems
- (v) Productions and Operations

**6.4 MASTER OF COMPUTER APPLICATIONS
(MCA), (3 Years/ 6 Semesters)**

**6.5 MASTER OF SCIENCE (M.Sc.),
(2 Years/ 4 Semesters)**

(i) Mathematics and Scientific Computing

6.6 DOCTORAL PROGRAMMES (Ph.D.)

MNNIT Allahabad has been growing rapidly as a highly reputed academic institution and research is an integral aspect.

Therefore, to promote Doctoral Programme, Institute Fellowships have been established, which are distributed among all the departments.

Besides, a number of non-stipendiary admission to these Doctoral Programmes is also made to facilitate faculty from other Institutes and Industry personnel. Teachers from other Institutions also come here to pursue M.Tech. and Ph.D. in various Departments, under QIP scheme. Large number of senior executives from industry also join under self sponsored category.

STUDENTS' DETAILS

- 7.1 Intake
- 7.2 Admission Procedure
- 7.3 Programme-wise Enrolment
- 7.4 Student Strength for U.G./ P.G./ Ph.D. Programmes
- 7.5 Performance in Examination
- 7.6 Gold Medals

7.1 INTAKE

Name of Programme	Branch	Intake
Bachelor of Technology (B. Tech.)	Biotechnology	46
	Chemical Engineering	46
	Civil Engineering	92
	Computer Science and Engineering	154
	Electrical Engineering	77
	Electronics and Communication Engineering	138
	Information Technology	92
	Mechanical Engineering	123
	Production and Industrial Engineering	46
Master of Technology (M.Tech)	Including All Branches (25)	475
Master of Computer Application (MCA)	NA	93
Master of Business Administration (MBA)	NA	62
Master of Science (MSc)	Mathematics and Scientific Computing	23
Master of Social Work (MSW)	Not offered admission in the session 2017-18	--
Doctor of Philosophy (Ph.D.)	Including All Branches	89
Total Student Intake (per year)		1556

7.2 ADMISSION PROCEDURE

Programme	Admission Through
B.Tech.	AIEEE (CSAB/JoSAA, DASA, ICCR, MEA, etc.)
M.Tech.	CCMT
MCA	NIMCET
MBA	CAT
M.Sc.	JAM / CCMN
MSW	Suspended in the session 2017-18
Ph.D.	Institute Entrance Examination and QIP Centre

7.3 COURSE-WISE ENROLMENT WITH GENDER, SC/ST BREAK-UP

U. G. Programmes

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
B.Tech. I st Year	814	365	211	170	38	10	13	403	221	183
B.Tech. II nd Year	814	334	184	155	51	30	21	385	214	176
B.Tech. III rd Year	814	319	202	156	68	29	25	387	231	181
B.Tech. IV th Year	814	325	191	156	60	25	23	385	216	179
Total		1343	788	637	217	94	82	1560	882	719

Additional Foreign Admission in UG Programme through DASA, ICCR, etc.

Programme	Males	Females	Total
B.Tech. I st Year	61	10	71
B.Tech. II nd Year	87	11	98
B.Tech. III rd Year	102	21	123
B.Tech. IV th Year	103	07	110
Total	353	49	402

P. G. Programmes

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
M.Tech. I st Year	475	169	113	83	22	17	06	191	130	89
M.Tech. II nd Year	475	167	97	71	33	13	11	200	110	82
Total		336	210	154	55	30	17	391	240	171

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
MCA I st Year	93	27	17	14	16	08	05	43	25	19
MCA II nd Year	93	25	17	15	22	08	05	47	25	20
MCA III rd Year	93	34	20	18	14	04	03	48	24	21
Total		86	54	47	52	20	13	138	74	60

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
MBA I st Year	62	15	08	07	08	00	00	23	08	07
MBA II nd Year	93	29	02	02	04	01	02	33	03	04
Total		44	10	09	12	01	02	56	11	11

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
M.Sc. I st Year	23	05	05	02	03	00	01	08	05	03
M.Sc. II nd Year	23	10	04	04	02	02	00	12	06	04
Total		15	09	06	05	02	01	20	11	07

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
MSW I st Year	N.A.	Suspension via 55 th Senate meeting dated 16.08.2016								
MSW II nd Year	23	07	00	01	04	00	00	11	00	01
Total		07	00	01	04	00	00	11	00	01

Ph.D. Admission in Odd Semester 2017-18

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
Course Code 11	86	25	17	12	15	04	01	40	21	13
Course Code 12	27	05	01	02	02	00	01	07	01	03
Course Code 13	27	00	00	00	00	00	00	00	00	00
Total		30	18	14	17	04	02	47	22	16

- Course Code 11 : Institute Stipendiary Full Time Research Scholar
- Course Code 12 : Self-financed Full Time Research Scholar
- Course Code 13 : Sponsored Full-Time Research Scholars

7.4 STUDENT STRENGTH FOR UG/PG/Ph.D. PROGRAMMES 2017-18

Programme	Male	Female	Total
B.Tech.	3121 (2768+353)	442 (393+49)	3563 (3161+402)
M.Tech.	700	102	802

MCA	187	85	272
MBA	63	15	78
M.Sc.	30	08	38
MSW	08	04	12
Ph.D.	62	23	85
Total	4171	679	4850

7.5 PERFORMANCE IN EXAMINATION (PASSING OUT BATCH 2016-17)

Courses	Appeared	Passed
B.Tech.	890	875
M.Tech.	341	337
MCA	90	90
MBA	38	38
M.Sc.	16	16
MSW	07	07
Ph.D.	78	78
Total	1460	1441

7.6 GOLD MEDALS

Gold Medals for Post Graduate Examination-2017

- Gold Medal awarded to Mr. Aman Khurana (Registration No. 2015AM01) for standing first at M.Tech. Applied Mechanics, Final Examination 2017. (CPI 9.25)
- Gold Medal awarded to Mr. Vikas Patidar (Registration No. 2015BM05) for standing first at M.Tech. Biomedical Engineering, Final Examination 2017. (CPI 8.40)
- Gold Medal awarded to Mr. Ashish Mishra (Registration No. 2015FE03) for standing first at M.Tech. Fluids Engineering, Final Examination 2017. (CPI 9.30)
- Gold Medal awarded to Mr. Manish Tiwari (Registration No. 2015MT13) for standing first at M.Tech. Material Science & Engineering, Final Examination 2017. (CPI 8.35)
- Gold Medal awarded to Ms. Meghna Suhag (Registration No. 2015BT04) for standing first at M.Tech. Biotechnology, Final Examination 2017. (CPI 9.85)
- Gold Medal awarded to Ms. Basudha Maurya (Registration No. 2015CL12) for standing first at M.Tech. Chemical Engineering, Final Examination 2017. (CPI 9.10)
- Gold Medal awarded to Mr. Ashutosh Kumar Shukla (Registration No. 2015EN01) for standing first at M.Tech. Civil Engineering (Environmental Engineering), Final Examination 2017. (CPI 9.00)
- Gold Medal awarded to Mr. Shubhang Yadav (Registration No. 2015GE01) for standing first at M.Tech. Civil Engineering (Geotechnical Engineering), Final Examination 2017. (CPI 8.90)
- Gold Medal awarded to Mr. Lalit Kumar Sharma (Registration No. 2015ST11) for standing first at M.Tech. Civil Engineering (Structural Engineering), Final Examination 2017. (CPI 9.50)
- Gold Medal awarded to Mr. Sumit Verma (Registration No. 2015TR05) for standing first at M.Tech. Civil Engineering (Transportation Engineering), Final Examination 2017. (CPI 8.90)
- Gold Medal awarded to Ms. Surbhi Goel (Registration No. 2015CS05) for standing first at M.Tech. Computer Science & Engineering, Final Examination 2017. (CPI 9.40)
- Gold Medal awarded to Ms. Karwa Komal Nandkishor (Registration No. 2015IS16) for standing first at M.Tech. Information Security, Final Examination 2017. (CPI 8.85)
- Gold Medal awarded to Ms. Priyanka Paliwal (Registration No. 2015SW10) for standing first at M.Tech. Software Engineering, Final Examination 2017. (CPI 8.95)
- Gold Medal awarded Ms. Anubha Singh (Registration No. 2015EE09) for standing first at M.Tech. Electrical Engineering (Control & Instrumentation), Final Examination 2017. (CPI 9.75)
- Gold Medal awarded to Ms. Ayushi Sachan (Registration No. 2015PE20) for standing first at

- M.Tech. Electrical Engineering (Power Electronics and Drives), Final Examination 2017. (CPI 9.35)
16. Gold Medal awarded to Mr. Md. Zaid (Registration No. 2015PS17) for standing first at M.Tech. Electrical Engineering (Power System), Final Examination 2017. (CPI 9.60)
 17. Gold Medal awarded to Mr. Pant Varun Prakash (Registration No. 2015CM01) for standing first at M.Tech. Electronics Engineering (Communication Systems), Final Examination 2017. (CPI 9.80)
 18. Gold Medal awarded to Ms. Neha Agrawal (Registration No. 2015EL08) for standing first at M.Tech. Electronics Engineering (Digital Systems), Final Examination 2017. (CPI 9.85)
 19. Gold Medal awarded to Ms. Megha Bagre (Registration No. 2015VL06) for standing first at M.Tech. Microelectronics and VLSI Design, Final Examination 2017. (CPI 9.70)
 20. Gold Medal awarded to Ms. Rachana Chauhan (Registration No. 2015VL17) for standing first at M.Tech. Microelectronics and VLSI Design, Final Examination 2017. (CPI 9.70)
 21. Gold Medal awarded to Ms. Anupriya Mohit (Registration No. 2015GI11) for standing first at M.Tech. GIS and Remote Sensing, Final Examination 2017. (CPI 9.25)
 22. Gold Medal awarded to Mr. Sumit Biswas (Registration No. 2015CC01) for standing first at M.Tech. Mechanical Engineering (Computer Aided Design and Manufacturing), Final Examination 2017. (CPI 9.10)
 23. Gold Medal awarded to Mr. Neeraj Verma (Registration No. 2015DN16) for standing first at M.Tech. Mechanical Engineering (Design Engineering), Final Examination 2017. (CPI 8.95)
 24. Gold Medal awarded to Mr. Bhamare Umesh Rajendra (Registration No. 2015PD14) for standing first at M.Tech. Mechanical Engineering (Product Design and Development), Final Examination 2017. (CPI 9.35)
 25. Gold Medal awarded to Mr. Sandeep Kashyap (Registration No. 2015PR21) for standing first at M.Tech. Mechanical Engineering (Production Engineering), Final Examination 2017. (CPI 9.20)
 26. Gold Medal awarded to Mr. Rahul Chauhan (Registration No. 2015TH01) for standing first at M.Tech. Mechanical Engineering (Thermal Engineering), Final Examination 2017. (CPI 9.65)
 27. Gold Medal awarded to Ms. Sakshi Singh (Registration No. 2015MB06) for standing first at Master of Business Administration, Final Examination 2017. (CPI 9.93)
 28. Gold Medal awarded to Ms. Aashi Malhotra (Registration No. 2014CA28) for standing first at Master of Computer Applications, Final Examination 2017. (CPI 9.33)
 29. Gold Medal awarded to Ms. Vemika Sharma (Registration No. 2015MSC14) for standing first at Master of Science (Mathematics & Scientific Computing), Final Examination 2017. (CPI 9.42)
 30. Gold Medal awarded to Ms. Sangeeta Yadav (Registration No. 2015MW03) for standing first at Master of Social Work, Final Examination 2017. (CPI 9.08)
- Gold Medals for Under Graduate Examination-2017**
1. Gold Medal awarded to Ms. Lisha Verma (Registration No. 20130030) for standing first at B.Tech. (Biotechnology), Final Examination 2017. (CPI 9.43)
 2. Gold Medal awarded to Ms. Juthuga Ambica (Registration No. 20139037) for standing first at B.Tech. (Chemical Engineering), Final Examination 2017. (CPI 9.20)
 3. Gold Medal awarded to Mr. Kumar Harsh (Registration No. 20139024) for standing first at B.Tech. (Civil Engineering), Final Examination 2017. (CPI 9.19)
 4. Gold Medal awarded to Mr. Aman Verma (Registration No. 20138047) for standing first at B.Tech. (Computer Science and Engineering), Final Examination 2017. (CPI 9.56)
 5. Gold Medal awarded to Ms. Monika Jain (Registration No. 20138083) for standing first at B.Tech. (Information Technology), Final Examination 2017. (CPI 9.54)
 6. Gold Medal awarded to Mr. Abhishek Anand (Registration No. 20132081) for standing first at B.Tech. (Electrical Engineering), Final Examination 2017. (CPI 9.44)
 7. Gold Medal awarded to Mr. Vishal Gupta (Registration No. 20135146) for standing first at B.Tech. (Electronics and Communication Engineering), Final Examination 2017. (CPI 9.58)
 8. Gold Medal awarded to Mr. Piyush Chandra Chaturvedi (Registration No. 20133050) for

standing first at B.Tech. (Mechanical Engineering), Final Examination 2017. (CPI 9.60)

9. Gold Medal awarded to Mr. Arpit Tripathi (Registration No. 20136047) for standing first at B.Tech. (Production and Industrial Engineering), Final Examination 2017. (CPI 9.15)

Institute Gold Medal

1. Institute Gold Medal awarded to Mr. Piyush Chandra Chaturvedi (Registration No. 20133050) of B.Tech. (Mechanical Engineering) for standing first amongst students of all branches of the Institute Final Examination 2017. (CPI 9.60)

Gold Medals–2017 for Under Graduate Programmes

1. Gold Medal awarded to Mr. Aman Sharma (Registration No. 20143090) of B.Tech. (Mechanical Engineering) for standing first at B.Tech. Third Year Examination 2017. (CPI 9.61)
2. Gold Medal awarded to Ms. Stuti Jain (Registration No. 20158025) of B.Tech. (Computer Science and Engineering) for standing first at B.Tech. Second Year Examination 2017. (CPI 9.58)
3. Gold Medal awarded to Ms. Muskan Srivastava (Registration No. 20168023) of B.Tech. (Computer Science and Engineering) for standing first at B.Tech. First Year Examination 2017. (CPI 9.48)

RESEARCH AND DEVELOPMENT ACTIVITIES

- 8.1 Research and Consultancy (R&C) Cell**
- 8.2 Research Projects**
- 8.3 Consultancy Projects**
- 8.4 TEQIP-III**
- 8.5 Institute Industry Interaction (III) Cell**

8.1 RESEARCH AND CONSULTANCY (R&C) CELL

Knowledge of latest research innovations is the key for developing the technical manpower of the nation. With this motto, the Research and Consultancy Cell at this Institute has grown significantly. Our faculty members and researchers are actively participating in Research and Development projects. Institute faculty provides a variety of consultancy and testing services to various public and private industries and also to construction departments of the State and the Central Governments. The Institute is well-endowed with high-quality equipment and advanced computing facilities. International collaborations with some leading universities and industries by the Institute provide an exciting platform for generating ideas and concepts, which are required for meaningful research.

Over the last decade, rapid advancement in computational power coupled with availability of high end, low cost CAE software, has contributed largely to the development of research and consultancy in different areas of engineering and management at this Institute. Theses and developmental research oriented activities have made a significant contribution in enriching researchers by sharing of knowledge of theory and fundamentals through mutual interactions by way of consultancy and testing projects.

Some of the activities of the Research and Consultancy Cell of the Institute are:

Sl.No.	Activities
1.	To frame and revise rules for Research & Consultancy.
2.	To provide guidance for submitting sponsored research proposals to funding agencies such as DST, BARC, BRNS, ISRO, DRDO, AR&D Band DBT.
3.	Recruitment and management of project staff.
4.	Support for special lectures of Academic, Research and Industrial relevance for latest knowledge.
5.	Managing Institute funded research projects for newly joined faculty members.
6.	Conducting sensitization workshop for the faculty members to enhance the number of externally funded research projects.

8.2 RESEARCH PROJECTS

The Institute receives a large number of research projects from various organizations including SERB, DBT, CSIR, ICSSR, CST Lucknow, DRDO, ISRO, MNRE, UPPCB, UGC, Deity/Meity & CMC. The Institute has recorded a total of Rs.2,04,52,000 as sanctioned through Externally Funded Research Project including those completed during the year as also those on going. During the year 2017-18, 20 new Externally Funded Research Projects were sanctioned amounting to ₹9.74 crores (Aprox). List of externally funded research projects is given in **Annexure-9**.

8.3 CONSULTANCY PROJECTS

The Institute allows consultancy projects from various Government, Private, Multinational Companies and Non Government Organizations for faculty members. The Consultancy project fee is distributed on sharing basis. In this financial year the Institute received consultancy from various clients such as Irrigation Dept., U.P. Jal Nigam, Nagar Nigam, Rites, Allahabad Development Authority, Power Grid Corporation Ltd., Ganga Pollution Control Unit, UP Project Corporation Ltd. and many others. Total fee received from the consultancy project was approx ₹2.69 crore. **Annexure-10**.

8.4 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME-PHASE-III (TEQIP-III)

Technical Education Quality Improvement Programme (TEQIP) was envisaged as a long-term programme of about 10-12 years duration to be implemented in 2-3 phases for transformation of the Technical Education System with the World Bank assistance.

As per TEQIP structure, each phase is required to be designed on the basis of lessons learnt from the implementation of an earlier phase. TEQIP-I started a reform process in 127 Institutions followed by TEQIP-II. The reform process needs to be sustained and scaled-up for embedding gains in the system and taking the transformation to a higher level TEQIP-III was started.

Objectives

The Project has following objectives:

- (i) Improving quality and equity in engineering

Institutions in focus states viz. Low Income States (LIS), eight states in the North-East of India, three Hill states viz. Himanchal Pradesh, Jammu & Kashmir, Uttarakhand and Andaman and Nicobar Island (a Union Territory).

- (ii) System-level initiatives to strengthen sector governance and performance which include widening the scope of Affiliating Technical Universities (ATU) to improve their policy, academic and management practices towards affiliated institutions, and.
- (iii) Twinning Arrangements to Build Capacity and Improve Performance of Institutions and ATUs participating in focus states.

During the year 2017-18, there were around 06 Conferences/Seminars/Workshops/Short Term Courses conducted in the Institute under TEQIP-III.

8.5 INSTITUTE INDUSTRY INTERACTION (III) CELL

The Institute Industry Interaction Cell was established in the Institute in the year 1989 under the scheme of Institute Industry Interaction, Ministry of Human Resource Development. With several layers of collaboration being built by the government to develop the Make in India program, the manpower needs have to be fulfilled in order to witness the required development. Though availability of manpower is abundant in India, well equipped manpower with employability skills is the need of the hour.

There is a need to create avenues for a close academia and industry interaction through all the phases of technology development, starting from conceptualizing to commercialization. The main objectives of the Cell are:

- (i) Visits of faculty to different industries for getting first hand technological information and industrial exposure to tune their knowledge to cope with the industrial culture.
- (ii) Visits of industry executives and practicing engineers to the Institute for study of research work, laboratories, discussions and delivering lectures on subjects of mutual interest.
- (iii) Undergraduate and post graduate projects/dissertation work in industries under joint guidance of the faculty and experts from industry.
- (iv) Organizing Workshops, conferences and symposia with joint participation of the faculty and the industries.
- (v) Participation of industrial experts for modification of the curriculum to cater the present needs of industries.

The III Cell encourages its faculty, technicians and students to interact with industry in all possible ways with the spirit of deriving mutual benefit and forging continuing links with experts in different fields of expertise knowledge sharing.

SCHOLARSHIP AND ASSISTANTSHIP PROVIDED TO STUDENTS

9.1 Support to SC/ST/OBC/Differently Abled Students

9.2 Financial Support

9.1 Support to SC/ ST/ OBC/ Differently Abled Students

- (i) Seats are reserved for SC/ ST/ OBC and differently abled students for the undergraduate and postgraduate courses as per Central Government norms. The Government also provides scholarships to SC/ST students.
- (ii) Scholarship worth ₹ 4,17,031/- was sanctioned to ST students by Ministry of Tribal Affairs, New Delhi during the session 2017-18.
- (iii) Scholarship worth ₹ 4,20,000/- was sanctioned to SC students by Ministry of

Social Justice and Empowerment, New Delhi during the session 2017-18.

9.2 Financial Support

- (i) During the financial year 2017-18, ₹ 6,40,000/- given to the students as financial aid from Student (Welfare) fund.
- (ii) During the financial year 2017-18 of ₹ 55,229/- was spend to award Gold Medals to 19 students.
- (iii) Support of ₹ 14,531/- was given to the students for the launch of new portal for Magh Mela, from Student Welfare Fund.

Scholarship and Assistantship

Sl. No.	Department	Place	No. of Students	Total Amount (INR)
	District Social Welfare Office	Allahabad		
(i)	OBC student		290	Scholarship + Tuition Fee
(ii)	SC/ST student		165	Scholarship + Tuition Fee
(iii)	General student		268	Scholarship + Tuition Fee
(iv)	Minority student		26	Scholarship + Tuition Fee
	MNNIT	Allahabad		
(i)	M.Tech.		412	₹ 12,400/- per month
(ii)	Ph.D.		99	₹ 25,000/- per month & ₹ 28,000/- per month
	O.P. Gems		3	₹ 85,000/- per student + Certificate and Gold Medal
	Merit Scholarship	MNNIT Allahabad	205	₹ 3000/- per student and Merit Certificate
	Received Scholarship (Other State)			
(i)	NPS Scholarship	Central Govt.	152	Amount sent directly to the Student account
(ii)	NSP.2 Scholarship	Central Govt.	68	
(iii)	Other State Scholarship offline	Other state	170	
(iv)	Central Sector Scholarship	MHRD, New Delhi	48 SC+15ST	
				₹ 6,52,960/- (a) Annual Fee (b) Other Non Refundable charge (c) Lodging & Boarding Charge (d) Books & Stationery. (e) Computer

FACULTY ACHIEVEMENTS

- 10.1 Department of Applied Mechanics
- 10.2 Department of Biotechnology
- 10.3 Department of Civil Engineering
- 10.4 Department of Chemical Engineering
- 10.5 Department of Chemistry
- 10.6 Department of Computer Science & Engineering
- 10.7 Department of Electrical Engineering
- 10.8 Department of Electronics & Communication Engineering
- 10.9 GIS Cell
- 10.10 Department of Humanities & Social Sciences
- 10.11 Department of Mathematics
- 10.12 Department of Mechanical Engineering
- 10.13 Department of Physics
- 10.14 School of Management Studies

10.1 DEPARTMENT OF APPLIED MECHANICS

Vision: To establish itself as a department recognised for its quality post graduate education and research in the broad field of Applied Mechanics and Materials.

Mission: To produce high quality human resource in the area of Applied Mechanics and Materials Engineering by way of continuous up-gradation of

curriculum, improvement in academic processes & ambience, and faculty & infrastructure development. To create knowledge resource through research in emerging areas of Applied Mechanics and Materials in collaboration with national & international academic, research and industrial organisations and disseminate the same by contributing and conducting STTP, Workshops, Symposiums and Conferences.

List of Ph.D. Thesis Completed

Sl.No.	Name of Student	Reg. No.	Thesis Title	Thesis Supervisor(s)
1.	Kishore Guru	2011RAM02	Modeling and simulation studies of CNT reinforced nanocomposites:A HYBRID APPROACH	Dr.K.K. Shukla
2.	Hemant Kumar Singh	2012RAE03	Some studies on energy saving through building insulation	Dr.K.K. Shukla

Publication in International Journals

1. P. Shakti Prakash, S. J. Pawar, and R. P. Tewari, "Synthesis, Characterization and Coating of Forsterite (Mg₂SiO₄) based Material over Medical Implants-A Review", Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 04/2017, (SCI, IF = 1.625).
2. S. J. Pawar, Yang Dane-Jong, Hong Ching Her, and J. H. Huang, "Electrostatic Polarization Process Control: A Case Study on Electrets Condenser Microphone Production Line", Journal of the Audio Engineering Society, vol.65, Issue 4, pp.321-332, 04/2017, (SCI, IF = 1.857).
3. Rajendra Bahadur, A. K. Upadhyay, and K. K. Shukla, "Static Analysis of Singly and Doubly Curved Panels on Rectangular Plan-form", Steel and Composite Structures, vol.24, Issue 6, pp.659-670, 05/2017, Published by Techno Press. (SCI, IF = 3.198).
4. Santanu Choudhury, Tushar Sharma, K.K.Shukla, "Effect of Orthotropy Ratio of the Shear Web on the Aero-Elasticity and Torque Generation of a Hybrid Wind Turbine Blade", Renewable Energy, vol.113, pp.1378-1387, 07/2017, Published by Elsevier. (SCI, IF = 4.357).
5. Paruchuru, S.P., Kumar, V.U., Jain, A., and Dong, X.N., "Comparative Estimates of Uncertainty in Measurements of Fracture Toughness", International Journal of Testing and Evaluation, vol.45, Issue 4, 07/2017, Published by ASTM. (SCI, IF = 0.471).
6. Sushil Kumar Singh, Samarjit Singh, Abhishek Kumar and Anuj Jain, "Thermo-mechanical behaviour of TiO₂ dispersed epoxy composites", Engineering Fracture Mechanics, vol.2017, Issue 184, pp.241-248, 09/2017, Published by Elsevier. (Scopus, IF = 2.705).
7. Vedrtam A. and Pawar S. J., "Experimental and Simulation Studies on Flexural Strength of Laminated Glass Using Ring-on-Ring and Three-Point Bending Test", Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 11/2017, Published by Sage Publication. (Scopus, IF=1.015).
8. Ajitanshu Vedrtam: and S. J. Pawar, "Numerical Analysis of Impact Fracture of Laminated Glass - A Review", MOJ Civil Engineering, vol.3, Issue 6, 12/2017.
9. Ajitanshu Vedrtam and S. J. Pawar, "Experimental and Simulation Studies on Fracture of Laminated Glass having Polyvinyl Butyral and Ethyl Vinyl Acetate Interlayers of Different Critical Thicknesses due to Impact Load", Glass Technology: European Journal of Glass Science and Technology Part A, vol.58, Issue 6, pp.169-178, 12/2017, (SCI).
10. Samarjit Singh, Sankalp Shukla, Abhishek Kumar and Dharmendra Singh, "Influence of Zn

dispersion in SiC on electromagnetic wave absorption characteristics", *Journal of Alloys and Compounds*, 12/2017, Published by Elsevier. (SCI, IF = 3.13).

11. Ajitanshu Vedrtam and S. J. Pawar, "Laminated Plate Theories and Fracture of Laminated Glass Plate-a Review", *Engineering Fracture Mechanics*, vol.186, pp.316-330, 12/2017, (SCI, IF = 2.151).

Publication in National Journals-Nil

Publication in International Conferences

1. Yadav Krishna Kumar Rajnath, Anuj Jain, Akshoy Ranjan Paul, "Modelling and Simulation of Turbulent Flow Control in Twin Air-Intake Duct using Synthetic Jets", *International Conference on Computational Modelling and Simulation (ICCMS-2017)*, Colombo, Sri Lanka, 05/2017.
2. Aman Khurana, Tushar Sharma, and K. K. Shukla, "Optimization of parameters affecting the performance of wind turbine blade using grey relational analysis", *IEEE International Conference on Advances in Mechanical, Industrial, Automation and Management Systems*, MNNIT Allahabad, 05/2017.
3. Yogesh Iyer Murthy, Sumit Gandhi and Abhishek Kumar, "Corrosion Prevention of Steel Reinforcement in 7.5% NaCl Solution Using Pure Magnesium Anode", *ICRAMMCE-2017*, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, 06/2017.
4. Rahul Singh, Sukulp Goel, Raviraj Verma, R.Jayaganthan and Abhishek Kumar, "Mechanical behavior of 304 Austenitic stainless steel processed by Room temperature rolling", *ICRAMMCE-2017*, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, 06/2017.
5. Dharmendra Singh, P.Nageswararao, A. Kumar Chauhan and S.K. Rajput, "Microstructure, mechanical and corrosion behavior of Al 5083 alloy processed by multi directional forging at cryogenic temperature", *ICRAMMCE-2017*, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, 06/2017.
6. Abhishek Kumar and Samarjit Singh, "Development of Coatings for Radar Absorbing Materials at X-Band", *ICRAMMCE-2017*, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, 06/2017.
7. Sushil Kumar Singh, Abhishek Kumar and Anuj Jain, "Effect of Nanoparticles dispersion on viscoelastic properties of epoxy-zirconia polymer nanocomposites", *International Conference on Recent Advances in Materials, Mechanical and Civil Engineering ICRAMMCE-2017*, Hyderabad, India, 06/2017, Published by MLRITM, Hyderabad.
8. S. J. Pawar and Ruchi Singh, "Parametric Simulation and Flow Visualization of Micro-diffuser used in MEMS and Microsystem Devices", *International Academic Conference on Engineering, Technology and Innovations (IACETI)*, Phnom Penh, Cambodia, 07/2017.
9. Abhishek Kumar, Samarjit Singh and Dharmendra Singh, "Development of Double Layer Microwave Absorber using Genetic Algorithm", *ATDMAE 2017*, Nanyang Technical University, Singapore, pp.234:012009, 07/2017, published by IOP conference series: Materials Science and Engineering.
10. Atiq Ur Rehman, Vinoth Kumar K., Anuj Jain, Akshoy Ranjan Paul, "Performance and Cavitation Prediction in an Industrial Centrifugal Pump for Different Working Fluids", *First International Conference on Thermal and Fluid Engineering (ICTF-2017)*, Phuket (Thailand), pp.36-42, 07/2017.
11. Samarjit Singh, Ankur Sinha, Raj Hemant Zunke, Abhishek Kumar and I. K. Bhat, "AHP based TOPSIS and VIKOR analysis for selection of EM wave absorbers at X-band", *INCAM 2017*, MNNIT Allahabad, 07/2017.
12. Yadav Krishna Kumar Rajnath, Ravi Kumar Singh, Anuj Jain, Akshoy Ranjan Paul, "Effects of Inlet Swirl on the Performance of Twin Air-Intake Duct", *International Conference on Thermal and Fluid Engineering (ICTF-2017)*, Phuket, Bangkok, pp.1-7, 07/2017.
13. Abhishek, Faiz Ahmad, and S. J. Pawar, "Design and Simulation of Geometrical Shape and Size Variations of Micro-Electrode for Cochlear Implant", *International Conference on Biotechnology and Biological Sciences (Biospectrum 2017)*, 08/2017.

14. Deepak Singh, Sushil Kumar Singh, Abhishek Kumar and Anuj Jain, "A Finite Element Approach to Determine Young's Modulus of Epoxy-Silica Nanocomposite", NMD-ATM 2017, Pune, 11/2017.
15. Rahul Singh, Deepak Sachan, Raviraj Verma, Sunkulp Goel, Abhishek Kumar, "Mechanical behavior of 304 ASS processed by Cryogenic rolling", AMPCO 2017, IIT Roorkee, 11/2017.
16. Rahul Singh, I. K. Bhat, Raviraj Verma, R. Jayaganthan, Abhishek Kumar, "Effect of processing temperature over the mechanical behaviour of 304 austenitic stainless steel", NMD-ATM 2017, Pune, 11/2017.
17. Rahul Singh, Deepak Sachan, Sunkulp Goel, R. Jayaganthan, Abhishek Kumar, "Effect of temperature over the mechanical behaviour of Titanium alloy (Ti06Al-4V)", NMD-ATM 2017, Pune, 11/2017.
18. Sushil Kumar Singh, Abhishek Kumar and Anuj Jain, "Unveiling the impact of ZrO₂ dispersion over the mechanical behavior of epoxy resin", NMD-ATM 2017, Pune, 11/2017.
19. Ashish Mishra, Akshoy Ranjan Paul, Anuj Jain, "Effects of Actuation Frequency and Taper angle of Synthetic Jet for Micro-channel Cooling", Proceedings of the 24thNational and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), 27-30 Dec. 2017, Hyderabad (India), pp.27-30 Dec., 12/2017.
20. Rakesh Kumar Shukla, Vivek Kumar Srivastava, Akshoy Ranjan Paul and Anuj Jain, "Analysis of Airflow through Compliant Human Airways using Fluid Structure Interaction.", Proceedings of First International Conference on Mechanical Engineering (INCOM2018), 4-6 Jan. 2018, Jadavpur University, Kolkata (India), pp.309-312, 01/2018, Published by Jadavpur University Press.
21. A.R. Paul and F. Alam, "Compliance of Boiler Standards and Industrial Safety in Indian Subcontinent", Proceedings of First International Conference on Mechanical Engineering (INCOM2018), 4-6 Jan. 2018, Jadavpur University, Kolkata (India), pp.687-691, 01/2018, Published by Jadavpur University Press.
2. Kuldeep Yadav, A.K. Upadhyay and K.K. Shukla, "Effect of obliquity on ballistic impact response of plain woven fabric", INCAM2017, MNNIT Allahabad, 07/2017.
3. Singh Ashish K. and Bhar A., "Free Vibration of CNT Reinforced Skew Composite Plates: FE Analysis", Indian Conference on Applied Mechanics (INCAM) 2017, MNNIT Allahabad, pp.262, 07/2017.
4. Tarun, Rajendra Bahadur, Ashutosh K. Upadhyay and K.K. Shukla, "Dynamic Analysis of Functionally Graded Curved Sandwich Panels", INCAM2017, MNNIT Allahabad, 07/2017.
5. Sudhir Kumar Singh, Rajendra Bahadur, Ashutosh K. Upadhyay and K.K. Shukla, "Static Analysis of Functionally Graded Curved Sandwich Panel on Rectangular plan-form", INCAM2017, MNNIT Allahabad, 07/2017.
6. Aman Khurana, Tushar Sharma and K. K. Shukla, "Analysis of Thin walled composite box beam with and without Piezoelectric actuators using ABAQUS", INCAM2017, MNNIT Allahabad, 07/2017.
7. Kuldeep Yadav, A.K. Upadhyay and K.K. Shukla, "Effect of obliquity on ballistic impact response of plain woven fabric", 3rdIndian Conference on Applied Mechanics (INCAM2017), MNNIT Allahabad, 07/2017.
8. Tushar Sharma, V Murari and K.K. Shukla, "Static Analysis of Thin Walled Sandwich Composite Box Beam", INCAM2017, MNNIT Allahabad, 07/2017.
9. Yadav KrishnaKumar Rajnath, Akshoy Ranjan Paul, Anuj Jain, "Flow Characteristics and Performance of a Double-Offset, Transitional Twin Air-Intake at Different Inflow Conditions", Proceedings of the 44thNational Conference on Fluid Mechanics and Fluid Power (FMFP-2017), 14-16 Dec. 2017, Kollam (Kerala), pp.Paper ID: , 12/2017.
10. Atiq Ur Rehman, Akshoy Ranjan Paul, Anuj Jain, "Performance Analysis of Centrifugal Pump using Various Working Fluids", Proceedings of the 44th National Conference on Fluid Mechanics and Fluid Power (FMFP-2017), 14-16 Dec. 2017, Kollam (Kerala), pp.Paper ID: , 12/2017.

Publication in National Conferences

1. Tushar Sharma, V.Murari and K.K.Shukla, "Static Analysis of Thin Walled Sandwich Composite Box

11. Akshoy Ranjan Paul, Anuj Jain, "An Overview of the Fluid Dynamics Study on Human Respiratory Tract", Proceedings of the 44th National Conference on Fluid Mechanics and Fluid Power (FMFP-2017), 14-16 Dec. 2017, Kollam (Kerala), pp.Thematic p, 12/2017.
12. Akshoy Ranjan Paul, Anuj Jain, "Energy and Environment for Sustainable Development", Proceedings of the 44th National Conference on Fluid Mechanics and Fluid Power (FMFP-2017), 14-16 Dec. 2017, Kollam (Kerala), pp.Thematic p, 12/2017.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Ramesh Pandey	Aerospace Engineering Composite Structures A refined five-unknown higher-order model including transverse hygrothermal deformation", COST-D-16-00219
2.	Dr. S. J. Pawar	Journal of Composite Materials Journal of Industrial Textiles
3.	Dr. Ashutosh K. Upadhyay	Applied Mathematical Modeling Int. J. of Mechanical Sciences Int. J. of Crashworthiness Smart Structures and Systems Wind and Structures Thin Walled Structures Advances in Materials Research Int. J. of Materials and Structural Integrity Journal of Mechanical Engineering Sciences J. of Aerospace Engineering Int. J. of Structural Stability and Dynamics Journal of The Institution of Engineers (India) Series A
4.	Dr. Anindya Bhar	Composites Part B Mechanics of Advanced Materials and Structures Arabian Journal for Science and Engineering International Journal of Engineering, Science and Technology Arabian Journal for Science and Engineering Proceedings of the National Academy of Sciences, India Section-A, Physical Sciences International Journal of Mechanical Sciences International Journal of Applied Mechanics
5.	Dr. Abhishek Kumar	Advanced Powder Technology Journal of Alloys and Compounds
6.	Dr. Anuj Jain	Powder Technology
7.	Dr. Akshoy Ranjan Paul	Journal of Cleaner Production
8.	Dr. Ajaya Bharti	Innovations and Developments in Mechanical Engineering

Invited Lectures Delivered

1. Lectures are delivered by Dr. Akshoy Ranjan Paul at 44th National Conference on Fluid Mechanics and Fluid Power (FMFP-2017), Amrita University, Amritapuri Campus, Kollam, Kerala on 14/12/2017 entitled Energy and Environment for Sustainable Development.

Expert/Invited Lectures Organized

1. A lecture is delivered by Dr. Surya Deo Yadav, Visiting Scientist, Mechanical Metallurgy Division, Indira Gandhi Centre for Atomic Research, Kalpakkam, India on 25/10/2017 entitled Characterizing dislocation configurations and their evolution during creep of a new 12% Cr steel.

Events Organized by Department

Sl. No.	Name	Title	From	To
1.	GIAN Course	Aerodynamics and Hydrodynamics in Sports, MNNIT Allahabad (India)	03/04/2017	08/04/2017
2.	Workshop	High temperature design and analysis, AMD, MNNIT Allahabad	04/07/2017	04/07/2017
3.	National conference	Third Indian Conference on Applied Mechanics (INCAM 2017), AMD, MNNIT Allahabad	05/07/2017	07/07/2017
4.	GIAN Course	Active Learning Techniques and Robust Assessment Methods in Train the Trainer Format, MNNIT Allahabad	10/07/2017	15/07/2017
5.	GIAN Course	Active Flow Control: Concepts and Applications, MNNIT Allahabad	12/03/2018	17/12/2018

Events Attended

1. Dr. Akshoy Ranjan Paul attended International conference on Computational Modelling and Simulation-2017 at Colombo (Sri Lanka) on/during 17/05/2017 to 19/05/2017.
2. Dr. Anuj Jain attended International conference on International Conference on Thermal and Fluid Engineering at Phuket, Thailand on/during 03/07/2017 to 05/07/2017.
3. Dr. Ramesh Pandey attended National conference on 3rd Indian Conference on Applied Mechanics (INCAM-2017) at MNNIT Allahabad on/during 05/07/2017 to 07/07/2017.
4. Dr. Akshoy Ranjan Paul attended International conference on First International Conference on Mechanical Engineering (INCOM2018) at Jadavpur University, Kolkata on/during 04/01/2018 to 06/01/2018.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. V. Murari (PI)	The effect of micro level progressive matrix plasticity on the macro level response of unidirectional composites:	DST - SERB	Rs.24.86 Lakhs	Ongoing
2.	Dr. Anuj Jain, (PI) Dr. Akshoy Ranjan Paul (Co-PI)	Micromechanics based study and Computational Studies on Human Airways	SERB under FSER Scheme	Rs. 38,48,200	Ongoing
3.	Dr. Akshoy Ranjan Paul (PI)	Prototype Development of a Novel Dry Powder Inhaler (DPI) for Pulmonary Drug Delivery.	Council of Science and Technology, Govt. of Uttar Pradesh under Technology Innovation scheme.	Rs. 1,19,4000	Ongoing
4.	Dr. Akshoy Ranjan Paul(PI)	Flow Control in Complex Ducts using Synthetic Jets	DST-SERB Fast Track Research Scheme	Rs. 23,93,000	Ongoing
5.	Dr. Anuj Jain (PI) Dr. Akshoy Ranjan Paul (Co-PI)	Effect of Respirable Suspended Particulate Matter (RSPM) on Chronic Obstructive Pulmonary Diseases (COPD) using Computational Fluid Dynamics (CFD)	Council of Science and Technology, Govt. of Uttar Pradesh under Technology Innovation Scheme	Rs. 11.48 Lakh	Ongoing

10.2 DEPARTMENT OF BIOTECHNOLOGY

Vision

The biotechnology program vision is to provide quality teaching with a strong core science concepts and an application-oriented undergraduate and post-graduate education along with solid foundation in the rapidly expanding fields of biotechnology that enable them to produce high quality professionals. Our goal is to provide students with a sound knowledge and understanding of current theories, concepts and laboratory practices in biotechnology.

Mission

To generate high quality engineering professionals by offering UG (B.Tech.) and PG (M.Tech. and Ph.D.) programmes in Biotechnology and to develop a premier biotechnology teaching and research department to cater the needs and challenges of the region and the country.

Publication in International Journals

1. Kushwaha A, Rani R, Kumar S, Thomas T, David A, Ahmed M., "A new insight to adsorption and accumulation of high lead concentration by exopolymer and whole cells of lead-resistant bacterium *Acinetobacter junii* L. Pb1 isolated from coal mine dump.", *Environ. Sci. Poll. Res.*, vol.24, Issue 11, pp.10652-651, 04/2017, Published by Springer, (SCI, IF = 2.8).
2. Manish Pratap Singh, Sandhya Rai, Shradha Suyal, Sunil Kumar Singh, Nand Kumar Singh, Akash Agarwal & Sameer Srivastava, "Genetic and epigenetic markers in colorectal cancer screening: recent advances", *Expert Review of Molecular Diagnostics*, vol.17, Issue 7, pp.665-685, 05/2017, Published by Taylor and Francis, (SCI, IF = 3.33).
3. Anjana Pandey, Suman Dolly, Deepti Semwal and Ashutosh Pandey, "Effect of pH on optimization of photofermentative hydrogen production by co-culture of *Rhodobacter sphaeroides* NMBL-02 and *Bacillus firmus* NMBL-03", *Cellular and Molecular Biology*, vol.63, pp.68-72, 05/2017, (SCI, IF= 0.605).
4. Saumya Yadav, Shreya Agarwal, SS Diya Rawali and Anjana Pandey, "Lung Cancer: Analysis of biomarker and methods and its prognostic value", *Cellular and Molecular Biology*, vol.63, pp.88-92, 05/2017, Published by Omics International, (SCI, IF = 0.605).
5. Anjana Pandey and Ashutosh Pandey, "Exploitation of dark fermented effluent of cheese whey by co-culture of *Rhodobacter sphaeroides* and *Bacillus firmus* for photo-hydrogen production", *Cellular and Molecular Biology*, pp.93-99, 05/2017, Published by Omics, (SCI, IF=0.625).
6. Upadhyay N, Viswakarma K, Singh Jaspreet, Mishra M, Kumar V, Rani R, Mishra R, Chauhan D, Tripathi D, Sharma S Tolerance and reduction of chromium(VI) by *Bacillus* sp. MNU16 isolated from contaminated, "Tolerance and Reduction of Chromium(VI) by *Bacillus* sp. MNU16 Isolated from Contaminated Coal Mining Soil", *Frontiers in Plant Science* 8:77, vol.8, Issue 77, 05/2017, Published by Frontiers, (SCI, IF = 4.5).
7. Manmohit Kalia, Pradeep Kumar Singh, Vivek Kumar Yadav, Birendra Singh Yadav, Deepmala Sharma, Sahid Suhail Narvi, Ashutosh Mani, and Vishnu Agarwal, "Structure based virtual screening for identification of potential quorum sensing inhibitors against LasR master regulator in *Pseudomonas aeruginosa*", *Microbial Pathogenesis*, vol.107, Issue 2017, pp.136-143, 05/2017, Published by Elsevier, (SCI, IF = 1.88).
8. M.Z. Shamim and Anjana Pandey, "Effects of arsenic toxicity on morphological characters in blackgram (*Vigna mungo* L.) during early growth stage", *Cellular and Molecular Biology*, vol.63, pp.38-43, 05/2017, Published by Omics International, (SCI, IF = 0.605).
9. Singh, S., Tripathi, D.K., Singh, S., Sharma, Shivesh, Dubey, N.K., Chauhan, D.K. and Vaculik, M., "Toxicity of aluminium on various levels of plant cells and organism: a review", *Environmental and Experimental Botany*, vol.137, pp.177-193, 05/2017, Published by Elsevier, (SCI, IF = 4.369).
10. Alok Kumar Yadav, Saurabh Saraswat, Preeti Sirohi, Manjoo Rani, Sameer Srivastava, Manish Pratap Singh and Nand K. Singh, "Antimicrobial action of methanolic seed extracts of *Syzygium cumini* Linn. on *Bacillus subtilis*", *AMB Express*, vol.7, Issue 196, pp.1-10, 06/2017, Published by Springer, (SCI, IF = 2.6).
11. Shefali Singh, Pranav Tripathi, Nitin Kumar, Seema Nara, "Colorimetric sensing of malathion

- using palladium-gold bimetallic nanozyme", *Biosensors and Bioelectronics*, vol.92, pp.280-286, 06/2017, Published by Elsevier, (SCI, IF = 7.780).
12. Saurabh Saraswat, Alok Kumar Yadav, Preeti Sirohi and Nand K. Singh, "Role of Epigenetics in Crop Improvement: Water and Heat Stress", *J. Plant Biol*, vol.60, Issue 3, pp.231-240, 06/2017, Published by Nature publication Springer, (SCI, IF = 1.4).
 13. Priti Singh, Sameer Srivastava, Sunil Kumar Singh, "H₂O₂ Sensing through Electrochemically Deposited Thionine coated ITO Thin Film. *Cellular and Molecular Biology*, Accepted for publication", *Cellular and Molecular Biology*, pp., 07/2017, Published by Omics, (SCI, IF = 0.6).
 14. Vats, S., Kumar, M., Sharma Shivesh, Kumar, V., Garg, S.K., "Mycoremediation of Textile Dyes: Application of Novel Autochthonous Fungal Isolates", *Environment Asia*, vol.10, Issue 2, pp.147-161, 07/2017, Published By Thai Society of Higher Education Institutes on Environment, (IF = 0.30).
 15. Anjana Pandey, Suman Dolly, Deepti Semwal and Niharika Gupta, "Effect of pH on optimization of photofermentative hydrogen production by co-culture of *Rhodobacter sphaeroides* NMBL-02 and *Bacillus firmus* NMBL-03", *Cellular and Molecular Biology*, vol.63, Issue 6, pp.68-72, 07/2017, Published by Omics, (SCI, IF = 0.625).
 16. Ambak Kumar Rai, Amar Singh, Ankit Saxena, Tulika Seth, Vinod Raina and Dipendra Kumar Mitra, "Exonal switch down-regulates the expression of CD5 on blasts of acute T cell leukaemia", *Clinical and Experimental Immunology*, vol.190, Issue 3, pp.340-350, 08/2017, Published by Wiley Online Library, (SCI, IF = 3.41).
 17. R. Manjoo, S. Deepa, Alok K. Yadav, Nand K. Singh, "Isolation and Characterization of *Fusarium verticillioides* NKF1 for Unsaturated Fatty Acid Production", *Curr Microbiol*, 08/2017, Published by Springer, (SCI, IF = 1.4).
 18. Singh, Pradeep Kumar, Vivek Kumar Yadav, Manmohit Kalia, Suhaga Dohare, Deepmala Sharma, and Vishnu Agarwal, "Pseudomonas aeruginosa auto inducer3-oxo-C₁₂ -HSL exerts bacteriostatic effect and inhibits *Staphylococcus epidermidis* biofilm", *Microbial Pathogenesis*, vol.107, Issue 2017, 08/2017, Published by Elsevier, (SCI, IF = 1.88).
 19. Saumya Srivastava, Ashish Kumar, Ashutosh Pandey, Anjana Pandey, "Intensification of hydrogen production by *B. licheniformis* using kitchen waste as substrate", *International Journal of Hydrogen Energy*, vol.42, Issue 34, pp.21659-21666, 08/2017, Published by Elsevier, (SCI, IF = 3.5).
 20. Amit Chaudhary, Birendra Singh Yadav, Swati Singh, Pramod Kumar Maurya, Alok Mishra, Shweta Srivastva, Pristish Kumar Varadwaj, Nand Kumar Singh, Ashutosh Mani, "Docking-based screening of *Ficus religiosa* phytochemicals as inhibitors of human histamine H₂ receptor.", *Pharmacognosy Magazine*, vol.13, Issue 51, pp.706-714, 09/2017, (SCI).
 21. Singh N. K., Rani M, Raj ST, Yadav AK, "Flavonoids in Rice, Their Role in Health Benefits", *MOJ Food process Technol*, vol.4, Issue 3, pp.00095, 10/2017.
 22. Vishwakarma, K., Gaur, S., Upadhyay, N., Singh, J., Tripathi, D. K., Chauhan, D. K. and Sharma Shivesh, "Differential phytotoxic impact of plant mediated silver nanoparticles (AgNPs) and silver nitrate (AgNO₃) on *Brassica sp*", *Frontiers in Plant Science*, vol.8, pp.1501, 10/2017, Published by Frontiers Media, (SCI, IF = 4.298).
 23. Ambak Kumar Rai, Chandreshwar Prasad Thakur, Prabin Kumar, Sheetal Saini, Amit Kumar Kureel, Smita Kumari, Tulika Seth & Dipendra Kumar Mitra, "Decrease in the Frequency of Circulating CD56+CD161+ NK Cells in Human Visceral Leishmaniasis", *Immunological Investigations*, vol.47, Issue 2, pp.125-134, 11/2017, Published by Taylor & Francis, (SCI, IF = 1.824).
 24. Neha Upadhyay, Seema Nara, "Lateral flow assay for rapid detection of *Staphylococcus aureus* enterotoxin a in milk", *Microchemical Journal*, vol.137, pp.435-442, 12/2017, Published by Elsevier, (SCI, IF = 3.03).
 25. Prashant Kumar, P. K. Maurya, B. S. Yadav, Ashutosh Mani, "Identification of novel drug targets in *Plasmodium falciparum* by multi step filtering of genome.", *Biomedicine*, vol.37, Issue 4, pp.576-581, 12/2017, (Scopus).

26. Mishra V, Baranwal V, Mishra R K, Sharma Shivesh, Paul Band Pandey AC., "Immunotoxicological impact and biodistribution assessment of bismuth selenide (Bi₂Se₃) nanoparticles following intratracheal instillation in mice", *Scientific Reports*, vol.7, pp.1-12, 12/2017, Published by Nature Publishing group, (SCI, IF = 4.259).
27. Anu Singh, P. K. Dutta, Hridyesh Kumar, Amit Kumar Kureel, Ambak Kumar Rai, "Synthesis of chitin-glucan-aldehyde-querceetin conjugate and evaluation of anticancer and antioxidant activities", *Carbohydrate polymer*, vol.193, pp.99-107, 2018, Published by Elsevier, (SCI, IF = 4.2).
28. M. Z. Shamim, Anjana Pandey, "Simultaneous selection model based evaluation of arsenic tolerance in black gram (*Vigna mungo* L.) using morphological parameters", *Legume Research*, pp.1-7, 01/2018, Published by Agricultural Research Communication Centre, (SCI, IF = 0.163).
29. Kushwaha A, Hans N, Kumar S, Rani R, "A critical review on speciation, mobilization and toxicity of lead in soil-microbe-plant system and bioremediation strategies. *Ecotoxicology and Environmental Safety*", *Ecotoxicology and Environmental Safety* 147:1035–1045, vol.147, Issue 1, pp.1035-1045, 01/2018, Published by Elsevier, (SCI, IF = 4.0).
30. K. J. Sindhu, Amit Kumar Kureel, Sheetal Saini, Smita Kumari, Pankaj Verma and Ambak Kumar Rai, "Characterization of phosphate transporter(s) and understanding their role in *Leishmania donovani* parasite", *Acta Parasitologica*, vol.63, Issue 1, pp.75-88, 01/2018, Published by De Gruyter, (SCI, IF = 1.160).
31. Suyal S, Singh M. P., Shekhar H, Srivastava S, "In silico screening of proteins targeting circulating miRNAs for improved diagnosis of multiple myeloma", *Biochem Biophys Res Commun.*, vol.497, Issue 2, pp.577-582, 03/2018, Published by Elsevier, (SCI, IF = 2.3).
- role in *Leishmania donovani* parasite", 4th International Congress on Infectious Diseases, Barcelona, Spain, 05/2017, Published by OMICS International.
2. Manish P. Singh, Sandhya Rai, Shradha Suyal, Nand K. Singh, Sameer Srivastava, "A simple Q-PCR test to evaluate various molecular subtypes in CRC for better prognosis and treatment", 3rd EACR Conference on Cancer Genomics, University of Cambridge, pp., 06/2017, Published by EACR.
3. Shradha Suyal, Manish Pratap Singh, B. S. Yadav, Sameer Srivastava, "In silico screening of proteins targeting circulating miRNAs for improved diagnosis of Multiple Myeloma", 3rd EACR conference on Cancer Genomics. 25-28th June 2017, University of Cambridge, 06/2017, Published by EACR.
4. Shweta Singh, Anjana Pandey and C. K. Dwivedi, "Electricity generation in membrane-less single chambered microbial fuel cell", ICCCCM 2016 - 2nd IEEE International Conference on Control Computing Communication and Materials (21-22, October 2017), United College of Engineering and Research, Allahabad, India, 10/2017, Published By ISBN:9781467390842DOI:10.1109/ICCCCM.2016.7918216.
5. M.Z. Shamim and Anjana Pandey, "Selection of high yielding and arsenic tolerant black gram (*Vigna mungo* L.) genotypes in India", International conference on Study of Nanomaterials and Scientific development,, Gwalior., pp.231-236, 11/2017, Published by Frontiers in Crop Improvement by Astha Foundation.

Publication in National Conference

1. Anjana Pandey, "Employment generation in rural India", World Education Congress, Mumbai, November 23, 2017, pp.25, 11/2017, Published by Devang Mehta Foundation.

Patents

1. Patent no.201711023786, Entitled A process optimization using *Bacillus licheniformis* lab isolate for conversion of corn starch to nea, Granted on 06/07/2017. The details are follows - Anjana Pandey, Neha Singh and Ashutosh Pandey.
2. Patent no.201711023786, Entitled A process optimization using *Bacillus licheniformis* lab isolate

Publication in National Journal- Nil

Publication in International Conferences

1. Ambak Kumar Rai, K J Sindhu, A K Kureel, S Saini, S Kumari and P Verma, "Characterization of phosphate transporter(s) and understanding their

for conversion of corn starch to nea, Applied on 6/ 7/ 2017. The details are follows.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Anjana Pandey	Biotechnology and Bioengineering International Journal of Hydrogen Energy Renewable Energy Biomass and Bioenergy Beilstein Journal of Nanotechnology Current Microbiology Fuel World Journal of Microbiology and Biotechnology Bioresource Technology Cellular and Molecular Biology Journal of Drug Targeting
2.	Dr. Sangeeta Negi	African Journal of Biotechnology Food Technology and Biotechnology Brazilian Archives of Biology and Technology Bioresource Technology Applied Biochemistry and Biotechnology Food Research International
3.	Dr. Shivesh Sharma	Journal of Plant Physiology Journal of Medicinal Plant Research International Journal of Plant & Soil Science Sciencedomain International Environmental Technology & Innovation Ecological Indicators Environmental Sustainability
4.	Dr. Nand Kumar Singh	African Journal of Agricultural Research Jundisha Pur Journal of microbiology International Journal Euphytica Chemosphere
5.	Dr. Radha Rani Mewaram	International Journal of Phytoremediation Journal of institution if engineers India series E Ecology and Chemistry Science of the Total Environment Science of the total environment Chemosphere Environmental Toxicology and Innovation Ciencia Rural Plos One Water Air and Soil Pollution
6.	Dr. Seema Nara	International Journal of Food Microbiology Analytica Chimica Acta International Journal of Food Microbiology International Journal of Food Microbiology Nanomedicine Analytical Methods International Journal of Nanomedicine Biosensors and Bioelectronics Nanomedicine

7.	Dr. Ashutosh Mani	RSC Advances International Journal of Food Microbiology International Journal of Food Microbiology Biosensors and Bioelectronics Biosensors and Bioelectronics Analytica Chimica Acta Journal of Medicinal Plant Research Environmental Technology Soil and Sediment Contamination An International Journal Biomedicine & Pharmacotherapy Biosensors and Bioelectronics Archives of Virology Critical Reviews™ in Therapeutic Drug Carrier Systems Microchemical Journal Interdisciplinary Sciences: Computational Life Sciences Cellular and Molecular Biology Hypothesis Journal of Molecular recognition Tumor Biology International Journal of Biological Macromolecules
8.	Dr. Sameer Srivastava	Experimental cell Research BMC Cancer Clinical and Translational Oncology Gene Cancer Management and Research IUBMB
9.	Dr. Manisha Sachan	Cellular and Molecular Biology Clinical Epigenetics Clinical Epigenetics
10.	Dr. Ambak Kumar Rai	Agri gene

Book(s)/ Book Chapter Authored

Sl. No.	Faculty Name (Author/ Co-author)	Book	Book Chapter	Publisher
1.	Manoj Kumar, Neeraj Shrivastava, Priyank	Modern Tools and Techniques to Understand Microbes	Omics: Tools for Assessing Environmental Microbial Diversity and Composition	Springer, Cham
2.	Kumar V, Suhag M and Sachan M	Horizons in Cancer Research	mi RNA as noval diagnostic and predictive biomarker in human cancer	Nova Science Publishers
3.	Yadav, G., Vishwakarma, K., Shivesh Shar	Probiotics and Plant Health	Emerging Significance of Rhizospheric Probiotics and Its Impact on Plant Health: Current Perspective	Springer, Singapore
4.	Vishwakarma K, Upadhyay N, Kumar N, Verm	Lychee Disease Management	Microbial Interactions in Litchi Rhizosphere. Lychee Disease Management	Springer, Singapore
5.	Kumar, V., Kumar, M., Sharma Shivesh, Va	Lychee Disease Management	Procedural Insights on In Vitro Propagation of Litchi chinensis (Sonn.)	Springer, Singapore
6.	Vivek Kumar, Manoj	Probiotics and Plant Health		Springer

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| 7. | Kumar, Shivesh Sharma
Teotia, P., Kumar, M., Prasad, R., Shiv | Probiotics and Plant Health | Endophytic Probiotics and Plant Health: Toward a Balanced Accost | Springer, Singapore |
| 8. | M.Z. Shamim, Anjana Pandey | Cutting Edge Spinco Biotech | Need for development of heavy metal tolerance in crops: Achievements and challenges | Spinco Biotech |
| 9. | Shweta, Vishwakarma, K, Shivesh Sharma, | Nanotechnology: Food and Environmental Paradigm | Plants and Carbon Nanotubes (CNTs) Interface: Present Status and Future Prospects | Springer, Singapore |
| 10. | Vishwakarma K, Sharma S, Kumar V, Upadhy | Probiotics in Agroecosystem | Current Scenario of Root Exudate-Mediated Plant-Microbe Interaction and Promotion of Plant Growth | Springer, Singapore |
| 11. | Vishwakarma K, Mishra M, Jain S, Singh J | Plant-Microbe Interactions in Agro-Ecological Perspectives | Exploring the Role of Plant-Microbe Interactions in Improving Soil Structure and Function Through Ro | Springer, Singapore |
| 12. | Kumar, V., Kumar, M., Sharma, Shivesh, | Probiotics in Agroecosystem | | Springer, Singapore |
| 13. | Mishra M, Vishwakarma K, Singh J, Jain S | Microbial Biotechnology Vol 1 | Exploring the Multifaceted Role of Microbes in Pharmacology | Springer, Singapore |
| 14. | N.K.Singh, Alok K. Yadav, Preeti Sirohi, | Anticancer Plants: Mechanisms and Molecular interactions, Volume- 4 | Anticancer Activity of Herbal Medicine: Mechanism of Action | Springer International |
| 15. | Tripathi DK, Ahmad P, Sharma Shivesh, Ch | Nanomaterials in Plants, Algae, and Microorganisms, VOL-1 | | Elsevier (Academic Press) |
| 16. | Vishwakarma K, Upadhyay N, Kumar N, Trip | Nanomaterials in Plants, Algae and Microorganism: Concepts and Controversies Vol 1 | Potential applications and avenues of nanotechnology in sustainable agriculture | Elsevier (Academic Press) |
| 17. | Anjana Pandey, Saumya Srivastava | Bioenergy and Biofuels | Fermentative hydrogen production: Current prospects and challenges | CRC press |
| 18. | Anjana Pandey, Thomas Kiran, Archana Tiw | | Algal photobiohydrogen production | CRC press, Year 2017 |
| 19. | Anjana Pandey, Saumya Srivastava | | Fermentative hydrogen production: Current prospects and challenges | CRC press, Year 2017 |
| 20. | Anjana Pandey, Thomas Kiran, Archana Tiw | Bioenergy and Biofuels | Algal photobiohydrogen production | CRC press |
| 21. | Saumya Srivastava and Anjana Pandey | Anticancer Plants Vol. 3: Clinical Trials and Nanotechnology | Chapter 6: Applications of Nano-based Novel Drug Delivery Systems in Herbal Medicine-Mediated Cancer | Springer Nature |
| 22. | Anjana Pandey, Suman Dolly & Ashutosh | Concepts and different strategies of fermentative hydrogen production | | Lambert Publishing |
| 23. | Nitin kumar, Pranav Tripathi, Seema Nara | Nanomaterials in plants, Algae and microorganisms | Gold nanomaterials to plants: Impact of bioavailability, particle size and surface coating | Elsevier |

Invited Lectures Delivered

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| <p>1. Lecture is delivered by Dr. Nand Kumar Singh at Unat Bharat Abhiyan, DD News on 14/04/2017 entitled Conversion of Waste food and Agro-based Products into Animal Feed (DD new TV talk.</p> <p>2. Lecture is delivered by Dr. Nand Kumar Singh at International Conference Thailand, Kate Ibrahim UREBE Coordinator on 02/05/2017 entitled Reduction of neurotoxin β- ODAP from Lathyrus sativa reducing the risk of lathyrism in human being.</p> <p>3. Lecture is delivered by Dr. Nand Kumar Singh at National Conference, UPAAS Lucknow on</p> | <p>14/06/2017 entitled Nutritional Quality Improvement in Food Crops.</p> <p>4. Lecture is delivered by Dr. Nand Kumar Singh at International Conference NTU Singapore, Conference Directors, iCiAsT-2017 on 19/06/2017 entitled Nutritional Quality Enhancement in Crop Plants to Fight Hidden Hunger and Malnutrition in India.</p> <p>5. Lecture is delivered by Dr. Seema Nara at 2nd Asia Pacific Nano Biotechnology summit, Singapore, Bioleagues on 29/06/2017 entitled Nanocatalytic probes for detecting pesticide contamination in water.</p> |
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Events Organized by Department

Sl. No.	Type	Title	From	To
1.	Workshop	Self sponsored Workshop on Techniques in Molecular Biology (TMB 2017), MNNIT Allahabad	12/06/2017	18/06/2017
2.	Workshop	GiAN course: Genomics, Personalized Medicine And Ethics, CMDR, MNNIT Allahabad	31/07/2017	07/08/2017
3.	Workshop	Genomics, Personalized Medicine and Ethics, Center for Medical Diagnosis and Research (CMDR), MNNIT, Allahabad.	31/07/2017	11/08/2017
4.	Workshop	Recent advances in Biofilms and Environmental Biotechnology, Department of Biotechnology, MNNIT, Allid.	21/09/2017	27/09/2017
5.	Workshop	Current Advances in Biotechnology, MNNIT Allahabad	13/10/2017	19/10/2017
6.	International conference	International Conference on Innovation and Translational Dimensions: Food, Health and Environmental Biotechnology, MNNIT, Allahabad.	09/03/2018	11/03/2018

Events Attended

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| <p>1. Dr. Sameer Srivastava attended International conference on 3rd Eacr Conference on Cancer Genomics at University of Cambridge, U.K. on/during 25/06/2017 to 28/06/2017.</p> <p>2. Dr. Seema Nara attended International conference on 2nd Asia Pacific Nanobiotechnology summit at Singapore on/during 29/06/2017 to 30/06/2017.</p> <p>3. Dr. Ashutosh Mani attended Workshop on ANGUS: Analyzing High Throughput Sequencing Data at University of California at Davis, USA on/during 26/06/2017 to 08/07/2017.</p> <p>4. Dr. Radha Rani Mewaram attended International conference on International conference on Chemical, Agricultural, Biological, Environmental Sciences at Pattaya, Thailand on/during 10/07/2017 to 11/07/2017.</p> | <p>5. Dr. Shivesh Sharma attended International conference on FEMS Microbiology Congress at Valencia, Spain on/during 09/07/2017 to 13/07/2017.</p> <p>6. Dr. Anjana Pandey attended Brain storming session on Safe Water and Sanitation on Brain storming session on Safe Water and Sanitation at NASI Allahabad on/during 15/09/2017 to 17/09/2017.</p> <p>7. Dr. Radha Rani Mewaram attended Networking Meeting on Networking Visit to Research laboratory at Andaman and Nicobar Centre for Ocean Science and Technology (ANCOST) on/during 27/02/2018 to 27/02/2018.</p> <p>8. Dr. Anjana Pandey attended International conference on International Conference on Sustainable Biofuels 2018 at February 26-27,</p> |
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2018, New Delhi, DBT-Mission Innovation on/during 26/02/2018 to 27/02/2018.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Sameer Srivastava (PI)	Biosynthesis of Isoprene, an industrially important hydrocarbon, using E.coli as model organism	DBT, India	Rs.46.982 Lakhs	Ongoing
2.	Dr. Vishnu Agarwal (PI) Dr. Shivesh Sharma (Co-PI) Dr. Nand Kumar Singh (Co-PI) Dr. Ashutosh Mani (Co-PI)	Study of role of lactone signaling and alginate production on neutrophil interaction, apoptosis, and subsequent macrophage mediated phagocytosis against Pseudomonas aeruginosa biofilm associated infections	DST- EMR (Individual Centric)	Rs.41.4Lakhs	Ongoing
3.	Dr. Radha Rani Mewaram (PI)	Development of microbial fuel cell (MFC) based process for domestic wastewater treatment and power generation: Application in improving treatment sustainability	DST	Rs.39,26,000	Ongoing
4.	Dr. Manisha Sachan (PI) Dr. Shivesh Sharma (Co-PI)	Identification of novel epigenetic biomarkers through next generation sequencing technologies towards developing a multiplex methylight assay for early diagnosis of epithelial ovarian cancer	Indian Council of Medical Research (ICMR), New Delhi	Rs.29,61,860	Ongoing
5.	Dr. Shivesh Sharma (PI)	Startup Centre	Department of Science and Technology (DST) and Ministry of Human Resource Development (MHRD)	Rs.150 Lakhs	Ongoing
6.	Dr. Radha Rani Mewaram (PI)	Impact of Vetiveria zizanioides (L.), its root exudates and associated microbial communities on biogeochemistry of heavy metals and their application in development of remediation strategies for heavy metal contaminated sites	SERB	Rs.35,97,924	Ongoing
7.	Dr. Radha Rani Mewaram (Co-PI)	Bioremediation for removal of reactive dyes from industrial waste water	UPCST	Rs.10,44,000	Ongoing
8.	Dr. Ambak Kumar Rai (PI), Dr. Sameer Srivastava (Co-PI) Dr. Shivesh Sharma (Co-PI)	Study to investigate the therapeutic efficacy of CD5 blocking in treatment of T cell lymphoblastic leukemia'	DBT	Rs.24.69 Lakhs	Ongoing

9.	Dr. Ashutosh Mani (PI)	Identification of novel drug targets in <i>Aspergillus fumigatus</i> genome prioritized by essentiality based screening and rational designing of new antifungal compounds	UPCST	Rs.9,00,000	Ongoing
10.	Dr. Sangeeta Negi (PI)	Process development for bioconversion of grease into long chain fatty acids.(In collaboration with IIT, Delhi)	DBT, GOI	Rs.46,42,600	Ongoing
11.	Dr. Shivesh Sharma (PI)	Design and Innovation Centre (Spoke)	MHRD	Rs.1,02,95,000	Ongoing
12.	Dr. Sameer Srivastava (PI)	Characterization of epigenetically deregulated genes in <i>crc</i> using next generation sequencing technologies for development of novel biomarkers	DBT, INDIA	Rs.24.955 Lakhs	Ongoing
13.	Dr. Seema Nara (PI)	Network Project Title "Canine parvovirus"; Sub-Project title: "Screening, selection and validation of novel canine parvovirus specific aptamers"	DBT	Rs.13.65 lakhs	Ongoing
14.	Dr. Shivesh Sharma (PI)	Studies on nanoparticles (FeO ₂ and CuO NPS) mediated toxicity, tolerance mechanisms and their toxicity management in some susceptible and tolerant rice (<i>Oryza sativa</i> L.) varieties	Council of Scientific and Industrial Research (CSIR)	Rs.31 lakhs	Ongoing
15.	Dr. Ashutosh Mani (PI)	Domain specific functional investigation of YB-1(a cold shock domain protein) interacting proteins as prospective therapeutic targets in adenocarcinoma of colon	SERB, New Delhi	Rs.30,00,000	Ongoing
16.	Dr. Ambak Kumar Rai (Co-PI)	Study to establish infection of <i>L. donovani</i> through intradermal route in hamsters and its pathological validation	Department of Biotechnology, New Delhi	Rs.10,14,750	Ongoing
17.	Dr. Anjana Pandey (PI)	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT, GoI	Rs.48,19,000	Complete on 28.12.17
18.	Dr. Seema Nara (PI)	Rapid assay for simultaneous detection of toxins of <i>Staphylococcus aureus</i> and <i>Clostridium botulinum</i> in dairy products	DST-SERB	Rs.25,61,000	Complete on May-17

Other Relevant Information

1. Dr. Nand Kumar Singh received Innovative Scientist of the year by Society of SERS and Lee Kong Chian School of Medicine Nanyang

Technological University Experimental Medicine Building, Singapore on 06/2017.

2. Dr. Nand Kumar Singh received Dr. Ziauddin Ahmad Vishist Krishi Vaigyanic Puraskar (Crop Improvement in Wheat) by Uttar Pradesh

Academy of Agricultural Science and Uttar Pradesh Council of Agricultural Research Lucknow through Honorable Governor Uttar Pradesh and Agriculture Minister Uttar Pradesh on 06/2017.

3. Dr. Anjana Pandey received Devang Mehta Best Professor in Biotechnology National Education Award, September 14, 2017.
4. Dr. Anjana Pandey received Prof. Indira Parikh 50 Women Leaders in Education Awards on 11/2017.

10.3 DEPARTMENT OF CIVIL ENGINEERING

Vision

To provide quality teaching with a strong concept of engineering and technology and an application-oriented U.G., P.G. and Doctoral education along

with solid foundation in the rapidly expanding fields of Civil Engineering that enable them to produce high quality professionals. This includes trans-disciplinary teaching and research.

To provide students with a sound knowledge and understanding of current theories, concepts and laboratory practices in Civil Engineering.

Mission

To generate high quality engineering professionals by offering U.G., P.G. and Doctoral programmes in Civil Engineering.

To develop a premier Civil Engineering teaching and research department to cater the needs and challenges of the region and the country.

List of Ph.D. Thesis Completed

Sl. No.	Name of Student	Reg. No.	Title	Supervisor(s)
1.	Ashish Tiwari	2009RCE01	Treatment of Low Strength Waste Water through UASB Reactor and PFM System	Dr. R. P. Tiwari
2.	Rakesh Srivastava	2010RCE03	Investigation of Stone dust concrete and prediction of its health monitoring using electromechanical impedance techniques	Dr. Anil Kumar Sachan
3.	Vivek Kumar Purwar	2010RGI51	Geospatial Modelling and Analysis of Agri-Food Supply Chain Network	Dr. Varun Singh
4.	Tiwari Ritesh Kumar Chandrashekar	2010RCE06	Slope Stability Analysis of Earth and Rockfill Dams	Dr. Kumar Venkatesh
5.	Mainak Bandyopadhyay	2012RGI02	Analysis of Earth & Rock fill Dam Agent Based Geosimulation of Fire Emergency Response	Dr. R. P. Tiwari Dr. Varun Singh

Publication in International Journals

1. Singh V. P. , Chaudhary Neeraj, Jain Manish & Srivastava R. K., "Health Risk assessment of Heavy Metal Contaminated sites in India", *Journal of Environmental Science, Toxicology and food Technology*, vol.11, Issue 5, pp.78-83, 05/2017, Published by JESTF, (IF = 1.38) .
2. Pandey, A. And Singh, R. P., "A Dimensionless approach to model Hydraulic Conductivity of Soil-Flyash Mixtures", *International Journal of Advances in Civil Engineering*, vol.4, Issue 4, pp.57-61, 06/2017.
3. Srivastava, P. and Singh, R.M., "Agricultural Land Allocation for Crop Planning in a Canal Command Area using Fuzzy Multi-objective Goal Programming", *Journal of Irrigation and Drainage Engineering*, vol.143, Issue 6, pp.040170071-06/2017, Published by ASCE, (SCI, IF = 1.983).
4. Dharmendra Singh, Vijay Kumar and Anupam Rawat, "Review on Various Techniques to Improve Bearing Capacity of Soil", in *International Journal of Advance Civil Engineering and Technology*, vol.2, Issue 1, pp.01-14, 08/2017.
5. Brij Kishor, Nekram Rawal, "Studies on natural biogenic iron oxides for removal of copper (II) ion from aqueous solution", *Desalination and Water Treatment*, vol.88, pp.145-153, 09/2017, Published by Desalination and Water Treatment, (SCI).
6. Gupta, Kamini; Pandey, Ashutosh; Singh, Ram Pal, "Photochemical quenching of aqueous methylene blue by N, Nb co-doped TiO2 nanomaterials under visible light: a confirmatory

UV/LC-MS study", *Materials Research Express*, 11/2017, (SCI).

7. Singh V. P., Chaughary Neeraj, Jain Manish & Srivastava R. K., "Health Risk assessment of Heavy Metals Contaminated Site: Case Study of Rania Industrial Belt, Kanpur India", *The International Journal of Engineering and Science*, vol.6, Issue 5, pp.52-58, 20/2017, Published by TeIJES, (IF = 1.34).
8. Shailendra Chaudhary, Rawal N R and Arshad Husain, "A Fuzzy Analytical Hierarchy Process Approach for Landfill Site Selection: A Case Study in Allahabad City, India", *International Journal of Earth Sciences and Engineering*, vol.10, Issue 6, pp.1118-1122, 01/2018, Published by Cafet-Innova Technical Society.
9. Rashi Gupta and Nekram Rawal, "Removal of chromium(VI) in wastewater by adsorption on iron oxide nanoparticles", *Journal of the Indian Chemical Society*, vol.95, pp.243-246, 03/2018, Published by Journal of the Indian Chemical Society, (Scopus).

Publication in National Journals

1. Amit Kumar Gorai, Lalit Kumar Sharma, P. Pal & P.K. Mehta, "Effect of Partial Fixity on Negative Bending Moments in RCC Frames", *Journal of Structural Engineering and Management (JoSEM)*, vol.4, Issue 1, pp.73-80, 04/2017, Published by STM Journals.
2. Abhishek Kumar Chaurasia, H. K. Pandey, HC Nainwal, Jitendra Singh, S. K. Tiwari, "Stability analysis of Rock Slopes along Gangadarshan, Pauri Garhwal, Uttarakhan", *Journal Geological Society of India*, vol.89, pp.689-696, 06/2017, Published by Springer, (SCI, IF = 0.595).
3. Amit Kumar Gorai & P. Pal, "Economical Design of Stiffened Plate using FEM", *Journal of Structural Engineering and Management (JoSEM)*, vol.4, Issue 2, pp.50-57, 10/2017, Published by STM Journals.
4. Abhishek Kumar Chaurasia, H. K. Pandey, S. K. Tiwari, Ram Prakash, Prashant Pandey, "Groundwater Quality Assesment using water quality index in parts of Varanasi District, U.P.India", *Journal Geological Society of India*, 01/2018, Published by Springer, (SCI, IF = 0.595).

Publication in International Conferences

1. Pandey, A. And Singh, R. P., "A Dimensionless approach to model Hydraulic Conductivity of Soil-Flyash Mixtures", *Proc. of ASAR International Conference*, New Delhi, India, pp.57-61, 06/2017.
2. P. Pal, "Combined Effects of Flaky and Elongated Aggregates on the Compressive Strength of Concrete", *International Conference on Advances in Engineering Sciences: ICAES2017*, Phuket, Thailand, pp.70, 07/2017,
3. Shailendra Chaudhary and Nekram Rawal, "The Selection of Wastewater Treatment Units by RIAM Method", *1th International Conference On Advances In Engineering Sciences (ICAES 2017)*, Phuket, Thailand, pp.--, 07/2017, Published by Journal of Thermal Engineering & International Journal of Advances on Automotive and Technology.
4. Pandey, A. and Singh, R. P., "Modelling Reaeration Phenomenon in River using Dimensionless approach", *Proc. Of Seventh International Conference on Advances in Civil and Structural Engineering-CSE-2017*, Kualalumpur, Malaysia, pp.31-35, 07/2017.
5. Vijay Kumar & Anupam Rawat, "Soil Liquefaction and its Evaluation based on SPT by Soft-Computing Techniques", *17th International Conference on Envirotech, Cleantech & Greentech (ICRST)*, Asian Institute of Technology (AIT), Conference Center, Bangkok, Thailand, 07/2017.
6. Praveen Kumar Gupta and Goutam Ghosh, "Seismic Response of an Isolated Curved Bridge Considering Bi-directional Effects", *70th IASTEM International Conference*, Madrid, Spain, 08/2017, Published by IASTEM.
7. H. K. Pandey, S. K. Srivastva, "Geoenviromental assesment at Bichhari ash pond, District Sonbhadra, UP India", *International Groundwater Conference-2017*, New Delhi.
8. Abhishek Kumar Chaurasia, H. K. Pandey, S. K. Tiwari, Prashant Pandey, Arjun Ram, "Hydrogeological condition and groundwater mangement options in Araziline Block, District Varanasi, U.P. India", *International Groundwater Conference-2017*, New Delhi.
9. Arjun Ram, S. K. Tiwari, H. K. Pandey, Abhishek Kumar Chaurasia, Ravi Shanker Patel,

"Groundwater behavior and scope of recharge in the District Mahoba, Bundelkhand U.P.India", *International Groundwater Conference-2017*, New Delhi.

10. Prashant Pandey, H. K. Pandey, S. K. Tiwari, Abhishek Chaurasia, "Morphometric analysis and its applications in targeting in Yamuna sub-basin, District Banda, UP India", *International Groundwater Conference-2017*, New Delhi.
11. Arijit Verma, P. Pal & Y. K. Gupta, "Soil-Structure Interaction for Building Structures: A Review", *8th International Joint Conferences on Advances in Engineering and Technology (AET 2018)*, Trivandrum, Kerala, India, pp.155-160, 01/2018.
12. Chandan Kumar & P. Pal, "Static Behaviour of Laminated Composite Plates using FEM", *8th International Joint Conferences on Advances in Engineering and Technology (AET 2018)*, Trivandrum, Kerala, India, pp.161-167, 01/2018.
13. Singh, V., Singh, R. P., Pandey, A. and Pandey, N.D., "A Dimensionless approach to model granule size variation in UASB Reactor: Model development and its Validation", *6th World Conference on Applied Science, Engineering, Goa, India, 01/2018*.
14. Shailendra Chaudhary 1, Chaitanya Nidhi and Nek Ram Rawal, "GIS based Model for Optimal Collection and Transportation System for Solid Waste in Allahabad City", *International Conference on Emerging Technologies in data mining and Information Security (IEMIS 2018)*, University of Engineering & Management, Kolkata, West Bengal., pp.--, 02/2018, Published by Springer.
15. Pooja Jha, R. P. Singh, A. K. Sachan, "Supplementary Cementitious Materials", *International Conference on Recent Trends in Engineering & Science*, 02/2018.
16. Tripti Sonkar, Ajaya Bharti, Anupam Rawat and Rakesh Kumar, "Impedance base Monitoring of Laminate Composite Glare", *International Conference on Advances in Construction Materials and Structures (ACMS-2018)*, Department of Civil Engineering, IIT Roorkee., pp.pp., 03/2018.
17. Vijay Kumar, Achal Bhardwaj, R. P. Tiwari and Shivam Singh Yadav, "Extraction of Heavy Metal (Zinc) from High Compressible Soil by Electrokinetic Process using EDTA Solution", *International conference on Engineering and Advancement in Technology 2018*, Coimbatore, India, 03/2018.

Publication in National Conferences

1. Lalit Kumar Sharma, Amit Kumar Gorai, S. K. Duggal & P. Pal, "A parametric study on corrugated sheets using FEM", *3rd Indian Conference on Applied Mechanics*, MNNIT Allahabad, pp.61-62, 07/2017.
2. Sangharsh Kumar Singh and Rakesh Kumar, "Characterization of Jute-Glass Fibre Reinforced Hybrid Composite", *Applied Mechanics (INCAM-2017)*, ISBN: 978-93-80635-28-6, Applied Mechanics Department, MNNIT, Allahabad, pp.pp.135-136, 07/2017, Published by Applied Mechanics Department, MNNIT, Allahabad.
3. Deepak Kumar Singh, S. K. Duggal & P. Pal, "Free Vibration Analysis of Stiffened Lock Gate Structure Coupled with Fluid", *3rd Indian Conference on Applied Mechanics*, MNNIT Allahabad, pp.249-250, 07/2017.
4. Ravi Prakash Gupta, Shalineeshukla, Ayush Mittal and Nitesh Kumar Yadav, "Use of Waste Plastics in PMGSY Roads", *National Conference on Road and Transport (NCORT – 2017)*, IIT Roorkee, pp.NCORT-2017, 10/2017, Published by NCORT-2017 Paper No G-4.
5. Ayush Mittal, Shalineeshukla, Ravi Prakash Gupta and Nitesh Kumar Yadav, "Jute Geotextile: An Overview", *National Conference on Road and Transport (NCORT – 2017)*, IIT Roorkee, pp.Paper No K, 10/2017, Published by NCORT-2017 Paper No K-2.
6. Dewashish Mishra, R. P. Tiwari and Vijay Kumar, "Chelating Agent- Aided Electrokinetic Extraction of Lead from High Compressible Clayey Soil", *Indian Geotechnical Conference 2017 GeoNEst*, IIT Guwahati, India, 12/2017.
7. Saurabh Kumar, H. K. Pandey, K. Venkatesh, "Geological and Geotechnical characterization of Rock Cut Slope along State Highway-5 at Markundi hill, Chopan, Sonbhadra (U.P.)", *Fourth Indian Landslides Congress*, IIT Bombay, pp.12, 12/2017.
8. Sharma Hari Ballabh Dutt, R. P. Tiwari and Vijay Kumar, "Design of Rigid Pavement on Expansive Soil after Stabilizing with Lime", *Indian*

- Geotechnical Conference 2017 GeoNEst*, IIT Guwahati, India, 12/2017.
9. Prashant Patel and Vijay Kumar, "*Liquefaction Potential of Soil by Empirical and Computational Method Based on SPT-N Value-A Case Study of Lucknow City*", *Indian Geotechnical Conference 2017 GeoNEst*, IIT Guwahati, India, 12/2017.
 10. Dharmendra Singh, Anupam Rawat & Vijay Kumar, "*Estimation of Settlement of Surrounding Soil of Tunnel Due to Train Movement*", *Indian Geotechnical Conference 2017 GeoNEst*, IIT Guwahati, India, 12/2017.
 11. Shivangi Saxena and Vijay Kumar, "*Analysis of Sheet Pile Wall under Different Loading Conditions Using FEM*", *Indian Geotechnical Conference 2017 GeoNEst*, IIT Guwahati, India, 12/2017.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Shalinee Shukla	Energy Sources, Part B: Economics, Planning and Policy
2.	Dr. Priya Ranjan Pal	Ocean Engineering Journal of Fluids and Structures Journal of Sound and Vibration
3.	Dr. Ram Pal Singh	ASCE Journal of Environmental Engineering Division, ASCE Journal of Hazardous, Toxic and Radioactive waste, ASCE Journal of Membrane and Separation Technology International Journal of Civil Engineering (IJCE) ISH Journal of Hydraulic Engineering
4.	Dr. Hemant Kumar Pandey	Journal of Geological Society of India Sustainable Water management
5.	Dr. Kumar Venkatesh	Scientia Iranica International Journal
6.	Dr. Vishwajeet Pratap Singh	Indian Geotechnical Journal
7.	Dr. Kumar Pallav	International Journal of Civil Engineering
8.	Dr. S. K. Duggal	Transportation Research Part C
9.	Dr. Varun Singh	Nigerian Journal of Technological Research

Book(s)/Book(s) Chapter(s) Authored

Sl. No.	Faculty Name (Author/ Co-author)	Book	Book Chapter	Publisher
1.	Singh V. P., Srivastava R. K.	Geoenvironmental Practices and Sustainability: Linkages & Directions	Human Health Risk Based Sustainable Management for a Contaminated Site: A case Study	Springer
2.	Debolina Basu, Sudhir Kumar Gupta, Yung-	Waste treatment in the service and utility industries	Treatment of Wastes from the Organic Chemicals Manufacturing Industry	Taylor and Francis & CRC Press
3.	Vinai Singh, R. M. Singh and N. R. Rawal	Water Quality Management, Water Science	Municipal Solid Waste Management with Uncertainty Analysis for Urban Cities	Springer Nature Singapore Pte Ltd.

Invited Lectures Delivered

1. Lecture delivered by Dr. Ram Pal Singh at summer training and Internship Programme in Civil Engineering (STIPCE-2016), MNNIT, Allahabad, U.P., India on 15/06/2017 entitled Importance of Water and Wastewater Quality Analysis, Principles and Analysis of few water quality parameters.
2. Lecture delivered by Dr. Vishwajeet Pratap Singh at STIPCE 2017, STIPCE MNNIT Allahabad on 16/06/2017 entitled Evaluation of Shear Strength Parameters for Design of Sub Structure.
3. Lecture delivered by Dr. Priya Ranjan Pal at a Four Week Self Financed Summer Training cum Internship Programme in Civil Engineering, CED,

- MNNIT, Allahabad on 16/06/2017 entitled Brick and Reinforcing Steel Test.
4. Lecture delivered by Dr. Vishwajeet Pratap Singh at STIPCE 2017, STIPCE MNNIT Allahabad on 17/06/2017 entitled Soil Classification Systems.
 5. Lecture delivered by Dr. Priya Ranjan Pal at a Four Week Self Financed Summer Training cum Internship Programme in Civil Engineering, CED, MNNIT, Allahabad on 17/06/2017 entitled Fine Aggregates Test.
 6. Lecture delivered by Dr. Rakesh Kumar at Four Week Summer Training and Internship Programme in Civil Engineering (STIPCE-2017), Department of Civil Engineering, MNNIT, Allahabad on 21/06/2017 entitled Construction Defects and possible remedies.
 7. Lecture delivered by Dr. Ram Pal Singh at workshop on "Environmental issues and Challenges, MNNIT, Allahabad, U.P., India on 05/08/2017 entitled Air Pollution and its Control Measures: A Scenario of Air Pollution at Johnstonganj, Allahabad.
 8. Lecture delivered by Dr. Rakesh Kumar at Technical Seminar on 'Binding Materials: Manufacturing, Testing and Innovation', Department of Civil Engineering, SHUATS, Allahabad on 20/09/2017 entitled Testing of Cement.
 9. Lecture delivered by Dr. Nek Ram Rawal at in Short Tem Course on Numerical Optimization Technique (NOT-2017), Sept 22 -26, 2017, CED, MNNIT, Allahabad on 23/09/2017 entitled Optimization Techniques and Its Application in Solid Waste Management.
 10. Lecture delivered by Dr. Priya Ranjan Pal at One Week Self Financed Short Term Course on Numerical and Optimization Techniques (NOT-2017), CED, MNNIT, Allahabad on 23/09/2017 entitled Basics of FEM.
 11. Lecture delivered by Dr. Kumar Pallav at Self Finance Two week Workshop on Application of Matlab in Electrical Engineering, Electrical Engineering Department, Shaits, Allahabad on 26/09/2017 entitled Introduction to Matlab.
 12. Lecture delivered by Dr. Rakesh Kumar at -,United College of Engineering & Research, (UCER) Naini, Allahabad on 01/11/2017 entitled Design of Concrete Structures & Advances in Concrete Technology-Self Compacting Concrete.
 13. Lecture/Lectures are delivered by Dr. Hemant Kumar Pandey at Refreshers Course,UGC Human Resource Devlopment on 27/11/2017 entitled Groundwater Problems and Management option.
 14. Lecture delivered by Dr. Hemant Kumar Pandey at Third Special Winter School for teachers, UGC Human Resource Development, University of Allahabad on 25/02/2018 entitled Ground water Quality assessment.

Expert/Invited Lectures Organized

1. A lecture is delivered by Prof. Praveen Kumar, Professor, Indian Institute of Technology on 05/09/2017 entitled Recent Advances in Transportation.

Events Organized by Department

Sl.No.	Type	Title	from	to
1.	Summer Training and Internship Programme in Civil Engineering (STIPCE-2017)	Summer Training and Internship Programme, MNNIT, Allahabad	12/06/2017	08/07/2017
2.	Workshop	Recent Advances in Geotechnical Engineering (RAGE-2018), MNNIT Allahabad	05/02/2018	05/02/2018

Events Attended

1. Dr. Vishwajeet Pratap Singh attended Workshop on Landfills and Waste to Resoure at IIT Delhi on/during 19/04/2017 to 19/04/2017.
2. Dr. Priya Ranjan Pal attended International conference on International Conference on Advances in Engineering Sciences at Hotel Ibis Phuket Patong 10 Chalermphrakiat Road, Kathu District, Phuket, 83150, Thailand on/during 03/07/2017 to 05/07/2017.
3. Dr. Rakesh Kumar attended 3rd Indian Conference on Applied Mechanics (INCAM-2017), ISBN: 978-93-80635-28-6 at Applied Mechanics Department,

- MNNIT, Allahabad on/during 05/07/2017 to 07/07/2017.
4. Dr. R. P. Tiwari attended National conference on (xxxii) "3rd Indian Conference on Applied Mechanics at Allahabad. on/during 05/07/2017 to 07/07/2017.
 5. Dr. Priya Ranjan Pal attended National conference on 3rd Indian Conference on Applied Mechanics at AMD, MNNIT, Allahabad on/during 05/07/2017 to 07/07/2017.
 6. Dr. Rakesh Kumar attended Workshop on Inclusive Technical Education in National Context: Challenges and Solution at Department of Applied Mechanics & Department of Civil Engineering, MNNIT, Allahabad on/during 16/07/2017 to 16/07/2017.
 7. Dr. Vishwajeet Pratap Singh attended International conference on 17th International Conference on Environtech, Cleantech and Greentech at AIT Bangkok on/during 21/07/2017 to 22/07/2017.
 8. Dr. S. K. Duggal attended International conference on 6th International Conference on Advances in Civil and Structural Engineering at Kuala Lumpur, Malaysia on/during 26/11/2017 to 27/11/2017.

Research Projects Completed/Ongoing

Sl.No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (Rs.)	Duration
1.	Dr. R. P. Tiwari (PI) Dr. Ram Pal Singh (Co-PI)	Development of In-House Expertise on Dam Safety under Dam Rehabilitation and Improvement Project (DRIP)	Central Water Commission, Govt. of India, New Delhi	Rs. 461 Lakh	Ongoing
2.	Dr. Hemant Kumar Pandey (PI)	Identification of Groundwater Prospect and Recharge Zones in District, Banda, U.P.	NRDMS, DST New Delhi	Rs.18,08,000	Ongoing
3.	Dr. Ram Pal Singh (PI) Dr. Nek Ram Rawal (Co-PI)	Ambient air quality monitoring project at three station in Allahabad city	UPPCB lucknow	Rs.10,56,000	Ongoing
4.	Dr. Vishwajeet Pratap Singh (PI)	Laboratory Scale Model of Electrokinetic Remediation	MNNIT Allahabad	Rs.2,10,000	Ongoing
5.	Dr. Kumar Pallav (PI)	Seismic Performance of Khusro Bagh Tomb, Allahabad, A Numerical Study	R&C Fund of Institute	Rs.2,00,000	Completed on 05/2017
6.	Dr. Varun Singh (Co-PI)	Groundwater System modeling under Climatic Changes and Uncertainty	DST-SERB	Rs.20,96,400	Completed on 01/2018

10.4 DEPARTMENT OF CHEMICAL ENGINEERING

Vision

The Department is committed to achieve excellence in education and to evaluate the success of its programs using the highest standards of quality and vision by providing a friendly and supportive academic environment.

Mission

To educate under-graduate and post-graduate students by offering solid foundation in both theoretical and applied aspects of Chemical

Engineering and to discover and disseminate knowledge through research.

Publication in International Journals

1. S. B. Gautam, M. S. Alam, S. Kamsonlian, "Adsorptive Removal of As(III) from Aqueous Solution by Raw Coconut Husk and Iron Impregnated Coconut Husk: Kinetics and Equilibrium Analyses", *International Journal of Chemical Reactor Engineering*, vol.15, Issue 2, 04/2017, Published by De Gruyter, (SCI).

2. Abhishek Kumar Chandra, Kaushal Kishor, Wasim Khan, Dhananjay Singh, MS Alam, "Single Phase Fluid Flow in Series of Microchannel Connected via Converging-Diverging Section with or without Throat", *World Academy of Science, Engineering and Technology, International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering*, vol.11, Issue 8, pp.590-596, 07/2017, Published by World Academy of Science.
 3. Sharma, D., Prajapati, A. K., Chaudhari, R., Kaushal, R. K., Pal, D. and Sawarkar, A. N., "Preparation and characterization of CuO catalyst for the thermolysis treatment of distillery wastewater", *Environment Technology*, pp.01-09, 08/2017, Published by Taylor & Francis, (SCI).
 4. Choudhary, R., Jyoti, G., Ghosh, P., Sawarkar, A. N., and Chaudhari, P.K., "Electrocoagulation process to remove contaminants of coking wastewater using aluminum electrode", *Desalination and Water Treatment*, vol.86, pp.68-79, 08/2017, Published by Taylor & Francis, (SCI).
 5. Dipaloy Datta, B. V. Babu, and Sushil Kumar, "Equilibrium and Thermodynamic Studies on Reactive Extraction of Nicotinic Acid Using a Biocompatible Extraction System", *Journal of Chemical and Engineering Data*, vol.60, Issue 10, pp.3431-3436, 09/2017, Published by ACS Publications, (SCI, IF = 2.323).
 6. K Kishor, A. K. Chandra, W. Khan, P. K. Mishra, M. S. Alam,, "Numerical Study on Bubble Dynamics and Two-Phase Frictional Pressure Drop of Slug Flow Regime in Adiabatic T-junction Square Microchannel", *Chemical and Biochemical Engineering Quarterly*, vol.31, Issue 3, pp.275-291, 10/2017, Published by Croatian Society of Chemical Engineers and Technologists, (SCI, IF= 0.923).
 7. Amreen Naz, Shiva Arun, S. S. Narvi, M. S. Alam, Anu Singh, Prabha Bhartiya and P. K. Dutta, "Cu(II)-carboxymethyl chitosan-silane schiff base complex grafted on nano silica: Structural evolution, antibacterial performance and dye degradation ability", *Int. J. Biol. Macromol.*, vol.110, pp.215 - 226, 01/2018, Published by Elsevier, (SCI, IF = 3.671).
 8. Shitanshu Pandey, Sushil Kumar, "Reactive Extraction of Gallic Acid using Aminic and Phosphoric Extractants Dissolved in Different Diluents: Solvent's Polarity and Column Design", *Industrial and Engineering Chemistry Research*, vol.57, Issue 8, pp.2976-2987, 02/2018, Published by American Chemical Society, (SCI, IF = 2.843).
- Publication in International Conferences**
1. Shitanshu Pandey, Neha Choma, Suantak Kamsonlian and Sushil Kumar, "Theoretical and experimental studies on extraction of carboxylic acids from aqueous solution using ionic liquids", *International Conference on Chemistry and Chemical Engineering (ICCCE-2017)*, Barcelona, Spain, 07/2017.
 2. Abhishek Kumar Chandra, Kaushal Kishor, Wasim Khan, Dhananjay Singh, MS Alam, "Single Phase Fluid Flow in Series of Microchannel Connected via Converging-Diverging Section with or without Throat", *International Conference on Chemical Engineering and Single Molecule Microscopy (ICCESMM 2017)*, Kuala Lumpur, Malaysia, pp.2313-2319, 08/2017, Published by World Academy of Science.
 3. Naz Amreen, Arun Shiva, Narvi S. S., Alam M. S. and Dutta P. K., "Synthesis, Characterization and Antibacterial Study of Cu(II) Metallated Carboxymethyl Chitosan-Schiff Base Immobilized on Nano-Silica", *International Conference on Biotechnological Aspects of Chitosans and Chitooligosaccharides (ICBACC) & 6th Indian Chitin and Chitosan Society Symposium (ICSSS)-2017*, School of Life Sciences, University of Hyderabad, pp.OP-9, 09/2017.
 4. Verma, A., Singh, H., Sawarkar, A. N., "Kinetics of pyrolysis of rice straw", *CHEMCON-2017*, Haldia Institute of Technology, Haldia, pp.35-36, 12/2017.
 5. Singh, R. K., Sawarkar, A. N., "Phenolic wastewater treatment by adsorption in packed bed column using coconut shell activated carbon", *CHEMCON-2017*, Haldia Institute of Technology, Haldia, pp.49-51, 12/2017.
 6. Patel, P., Sawarkar, A. N., "Pre-treatment and thermo-chemical conversion of biomass for bio-energy", *CHEMCON-2017*, Haldia Institute of Technology, Haldia, pp.27-29, 12/2017.
 7. Pandey, D., Sawarkar, A. N., "Heavy crude oil upgrading via SCW: Challenges and opportunities", *CHEMCON-2017*, Haldia Institute of Technology, Haldia, pp.16-18, 12/2017.

8. Singh, P., Hasan, S. H., Sawarkar, A. N., "Computational study on biomass fast pyrolysis in fluidized bed reactor: Emphasis on yield of bio-oil", CHEMCON-2017, Haldia Institute of Technology, Haldia, pp.56-57, 12/2017.
5. H. Babu, M. Vishwakarma, W. Khan, M. S. Alam, "Effect of Pipe Thickness on Noise Generation of Flowing Fluids in T-Shaped Circular Channel", CHEMCON 2017, ChED, Haldia Institute of Technology, West Bengal, India, 12/2017, Published by CHEMCON.

Publication in National Conferences

1. Singh, P., Sawarkar, A. N. and Hasan, S., "Study the effect of different turbulence and drag models on hydrodynamics of fast pyrolysis of rice husk in fluidized bed reactor", 3rd Indian Conference on Applied Mechanics (INCAM-2017), MNNIT Allahabad, Uttar Pradesh, 07/2017.
2. Tiwari, T., Varshney, S., Sawarkar, A. N., "Characterization of composite synthesized from scrap rubber and agricultural wastes", SCHEMCON-2017, NIT, Rourkela, 10/2017.
3. Singh, K., Sawarkar, A. N., "Iron impregnated neem leaves powder for removal of nitrophenol", SCHEMCON-2017, NIT Rourkela, 10/2017.
4. M Vishwakarma, W. Khan, M. S. Alam, "Nucleate Pool Boiling of Al₂O₃ -Water Based Nanofluid", CHEMCON 2017, ChED, Haldia Institute of Technology, Haldia, West Bengal, India, 12/2017, Published by CHEMCON.
6. Singh, P., Sawarkar, A. N. and Hasan, S., "CFD on fast pyrolysis of biomass in fluidized bed reactor: focusing on yield of bio-oil", 70th Annual Session of the Indian Institute of Chemical Engineers (CHECOM-2017), Haldia Institute of Technology, 12/2017.
7. Wasim Khan, Hitesh Babu, Abhishek Kumar Chandra, Kaushal Kishor, Sadhana Sachan and M. Siraj Alam, "Hydrodynamics Study of Two Phase Flow in Microchannels of Different Diameters and Flow Ratios", 44th National Conference on Fluid Mechanics and Fluid Power (FMFP - 2017), Amrita University Kerala, India, 12/2017, Published by FMFP.
8. W. Khan, H. Babu, A. K. Chandra, K. Kishor, S. Sachan M S Alam, "Effect of Contact Angle and Fluid Properties on Liquid-Liquid Two Phase Flow in Microfluidic Devices", CHEMCON 2017, ChED, Haldia Institute of Technology, West Bengal, India, 27/2017, Published by CHEMCON.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Sadhana Sachan	Journal of Institution of Engineers (India): Series E
2.	Dr. Mohd Siraj Alam	Journal of The Institution of Engineers (India): Series E Chemical Engineering Communications International Communications in Heat & Mass Transfer Chemical Engineering Science
3.	Dr. Sushil Kumar	Chemical Engineering Communications (Tailors and Francis) Separation and Purification Technology Journal of Chemical Technology and Biotechnology Industrial and Engineering Chemistry Research Resource Efficient Technologies Journal (Elsevier) Journal of Chemical and Engineering Data Energy and Fuel
4.	Dr. Harinder Singh	Food Hydrocolloids Food Chemistry Starch
5.	Dr. Ankur Gaur	Environmental Technology Emerging Trends in Chemical Engineering Clean Technologies & Environment Policies

Invited Lectures Delivered

- Lecture delivered by Dr. Ashish Nivrittinath Sawarkar at Future Challenges and Personality

Development, Rural Education and Development Society on 18/11/2017 entitled Importance of Co-Curricular Activities in Personality Development.

Events Organized by Department

Sl.No.	Type	Title	from	to
1.	Workshop	Hindi Workshop, MNNIT Allahabad	30/12/2017	30/12/2017
2.	Workshop	Research-Academia-Industry Interaction, MNNIT Allahabad	03/02/2018	04/02/2018

Events Attended

- Dr. M. Siraj Alam attended National conference on 3rd Indian Conference on Applied Mechanics (INCAM 2017) at Applied Mechanics Department, MNNIT Allahabad on/during 05/07/2017 to 07/07/2017.
- Dr. Sadhana Sachan attended National conference on 3rd Indian Conference on Applied

Mechanics (INCAM 2017) at Department of Applied Mechanics, MNNIT Allahabad on/during 05/07/2017 to 07/07/2017.

- Dr. Mohd Siraj Alam attended International conference on International Conference on Chemical Engineering and Single Molecule Microscopy (ICCESMM 2017) at Kuala Lumpur, Malaysia on/during 24/08/2017 to 24/08/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Mohd Siraj Alam(PI)	Preparation of dip charts for storage tank of organic liquids	TEQIP-II	Rs. 50000	Ongoing
2.	Dr. Sushil Kumar (PI)	Reactive extraction of nicotinic- and isonicotinic acids from aqueous solution	DST, Government of India, New Delhi (India)	Rs.1111000	Ongoing
3.	Dr. Sushil Kumar (Co-PI)	Inspection of GPIs for compliance verification of effluents discharge standard	CPCB, New Delhi	Rs.10000000	Ongoing
4.	Dr. Ashish Nivrittinath Sawarkar(PI)	Studies on Pyrolysis of Rice Husk	MVP, Mumbai	Rs.1,00,000	Ongoing
5.	Dr. Ankur Gaur (PI)	Development & Characterization of Nano-material based Transparent Thermal Coating	Starshield Paint, Ghaziabad	Rs.120000	Ongoing
6.	Dr. Sushil Kumar (PI)	Bioremediation for the removal of reactive dyes from industrial waste water	CST, UP Lucknow	Rs.1044000	Ongoing
7.	Dr. Ashish Nivrittinath Sawarkar(PI)	Value Added Products from Bottom-of-the-barrel	Plan Grant of Institute, MNNIT Allahabad	Rs.2,18,000	Ongoing
8.	Dr. Ankur Gaur (PI) Dr. Sushil Kumar (Co-PI)	Development of New Methodology for Parameters Effecting the Energy Efficiency of Hvac Systems	Felidae Systems, Noida	Rs.54000	Ongoing
9.	Dr. Suantak Kamsonlian	Collection and testing of tannery and textiles industrial	CPCB, New Delhi	Rs.71.4 lakh	Completed on 05/2017

(Co-PI)	wastewater from Kanpur Zone				
10. Dr. Ashish Nivrittinath Sawarkar(PI)	Kinetics of pyrolysis of agricultural biomass waste	TEQIP-II	Rs.30,000	Completed on 06/2017	
11. Dr. Sadhana Sachan(PI)	Comparative study of modified clay and agro based waste materials for treatment of waste water	TEQIP-II	Rs.50000	Completed on 06/2017	

10.5 DEPARTMENT OF CHEMISTRY

Vision

To develop state-of the-art infrastructure for providing high quality education and training in chemical sciences in tune with the contemporary global scenario.

Mission

To train and help engineering undergraduate students to acquire experimental and theoretical knowledge in applied chemistry. Also to train Ph.D. students in chemical sciences to become independent researchers having good fundamental understanding of the subject to cater the academic and industry needs.

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Yadvendra Singh	2010RCH57	Colorimetric and fluorimetric sensing by naphthol derivatives and their live cell imaging	Dr. Tamal Ghosh
2.	Mohd. Danish	2010RCH56	Fabrication, Characterization and Photocatalytic Application of Metal Oxide Thin Films based on Titanium, Niobium, Tantalum and Copper	Dr. Ashutosh Pandey
3.	Kazim Shamim Rizvi	2010RCH03	Design of new chromophoric crosslinkers used for modification of chitosan	Dr. P.K. Dutta

Publication in International Journals

- Yadvendra Singh, Israr Ahmad and Tamal Ghosh, "A cyanide selective colorimetric and turn-on fluorescent probe in solution and on test strips and its live cell imaging", *Sensors and Actuators B: Chemical*, vol.242, pp.1079-1085, 04/2017, published by Elsevier, (SCI, IF = 5.401).
- Prabha Bhartiya, P. K. Dutta, "Chitosan and its derivatives: Waiting for low cost MRI Contrast Agents", *Asian Chitin Journal*, vol.13, Issue 1, pp.1-8, 06/2017, Published by SSM International Publication.
- Madhu Kashyap, Joydeep Dutta, Mukesh K. Gupta, P. K. Dutta, "Preparation and characterization of chitosan based hydrogel formulation by using acetic acid, glycerol and propylene glycol for wound healing application", *Asian Chitin Journal*, vol.13, Issue1, pp.25-30, 06/2017, Published by SSM International Publication.
- K. Gupta, Ashutosh Pandey, R. P. Singh, "Synthesis characterization of nano sized anatase TiO₂ and its absorption behavior for environmental contaminant", *Cellular and Molecular Biology Springer*, vol.63, Issue 6, pp.18-20, 07/2017, Published by Springer, (SCI, IF= .60).
- Anjana Pandey and Ashutosh Pandey, "Exploitation of dark fermented effluent of cheese whey by co-culture of *Rhodobacter sphaeroides* and *Bacillus firmus* for photo-hydrogen production", *Exploitation of dark fermented effluent of cheese whey by co-culture of Rhodobacter sphaeroides and Bacillus firmus for photo-hydrogen production*, vol.63, Issue 6, pp.93-99, 07/2017, Published by Springer, (SCI, IF = 0.60).
- S. Ambreen, N. D. Pandey and Ashutosh Pandey, "Comparative study of Rhodhamin B degradation by TiO₂ nanoparticles synthesized from titanium sec butoxide and its chloroacetato derivatives", *Cellular and Molecular Biology*, vol.63, Issue 6, pp.49-51, 07/2017, Published by Springer, (SCI, IF = .60).
- Anjana Pandey, Suman Dolly, Deepti Semwal and Ashutosh Pandey, "Effect of pH on optimization of

- photofermentative hydrogen production by co-culture of Rhodobacter sphaeroides NMBL-02 and Bacillus firmus NMBL-03*", *Cellular and Molecular Biology*, vol.69, Issue 6, pp.68-72, 07/2017, Published by Springer, (SCI, IF=.60).
8. Saumya Srivastava, Ashish Kumar, Ashutosh Pandey, Anjana Pandey, "Intensification of hydrogen production by *B. licheniformis* using kitchen waste as substrate", *International Journal of Hydrogen Energy*, vol.42, pp.21659-21666, 08/2017, Published by Elsevier, (SCI, IF = 3.582).
 9. Sudheer Rai, B. K. Singh, P. Bhartiya, Anu Singh, H. Kumar, P.K. Dutta and G. K. Mehrotra, "1. Lignin derived reduced fluorescence carbon dots with thernostic approaches: Nano-drug-carrier and bioimaging", *J. Luminescence*, vol.190, pp.492-503, 10/2017, Published by Elsevier, (SCI, IF = 2.686).
 10. AmreenNaz, Shiva Arun, Shahid Suhail Narvi, M. Siraj Alam and P. K. Dutta, "Nano-silica supported chitosan-Schiff base Cu(II) hybrid: Synthesis, Characterization and antibacterial study.", *Asian Chitin Journal*, vol.13, Issue 2, pp.31-36, 12/2017, Published by SSM International Publication.
 11. Anu Singh, Hridyesh Kumar and P. K. Dutta, "Hydrothermal/solvothermal synthesis of carbon dots from chitin-glucon complex", *Asian Chitin Journal*, vol.13, Issue 2, pp.7-12, 12/2017, Published by SSM International Publication.
 12. Shri Krishna, Sushil Kumar and P. K. Dutta, "Synthesis, characterizations and applications of palmitic acid grafted chitosan derivative", *Asian Chitin Journal*, vol.13, Issue 2, pp.19-24, 12/2017, Published by SSM International Publication.
 13. K. Gupta, Ashutosh Pandey, R. P. Singh, "Photochemical quenching of aqueous methylene blue by N, Nb co-doped TiO₂nanomaterials under visible light: a confirmatory UV/LC-MS study", *Materials Research Express*, vol.4, Issue 12, pp. Article no, 12/2017, Published by IOP publications, (SCI, IF =.87).
 14. Amreen Naza, Shiva Aruna, Shahid Suhail Narvia*, Mohammad Siraj Alamb, Anu Singha, Prabha Bhartiya, and P. K. Dutta, "Cu(II)-Carboxymethyl Chitosan-Silane Schiff Base Complex Grafted on Nano Silica: Structural Evolution, Antibacterial Performance and Dye Degradation Ability.", *International Journal of Biological Macromolecules*, vol.110, pp.215–226, 00/2018, Published by Elseveir, (SCI, IF = 3.678).
 15. Manmohit Kaliaa, Vivek Kumar Yadava, Pradeep Kumar Singha, Deepmala Sharmab, Shahid Suhail Narvic, Vishnu Agarwala, "Exploring the impact of parthenolide as anti-quorum sensing and antibiofilm agent against *Pseudomonas aeruginosa*", *Life Sciences*, vol.199, Issue 1, pp.96–103, 01/2018, Published by Elseveir, (SCI).
- Publication in National Journals- Nil**
- Publication in International Conferences**
1. G. K. Mehrotra, "Hybrid Graphene- (CrSe, MnSe₂, CuSe and ZnSe) Nanocomposites: Synthesis, Characterization and Electrocatalytic Activity.", 3rd International Conference on the Advances in Clean Energy Research (ICACER 2017), Berlin (Germany), 04/2017.
 2. Prabha Bhartiya, P.K.Dutta, "Facile synthesis of carboxymethyl chitosan coated mesoporous manganese silicates nanoarchitecture for pH/glutathione-modulated drug delivery and cellular imaging", ICBACC & 6th ICCSS, Hyderabad, pp.04, 09/2017, Published by Department of Plant Sciences, Hyderabad University.
 3. Naz Amreen, Arun Shiva, Narvi S. S., Alam M. S. and Dutta P. K, "Synthesis, Characterization and Antibacterial Study of Cu(II) Metallated Carboxymethyl Chitosan-Schiff Base Immobilized on Nano-Silica", International Conference on Biotechnological Aspects of Chitosans and Chitooligosaccharides (ICBACC) & 6th Indian Chitin and Chitosan Society Symposium (ICSS)-2017, School Life sciences University of Hyderabad, pp.9, 09/2017, Published By International Conference on Biotechnological Aspects of Chitosans and Chitooligosaccharides (ICBACC).
 4. Tanvi Jain, Sushil Kumar, P. K. Dutta, "Sulfated chitin nanocarrier (SCNC) as regenerative medicine for target specific tumor sites", ICBACC & 6th ICCSS, Hyderabad, pp.26, 09/2017, Published by Department of Plant Sciences, Hyderabad University.
 5. Shri Krishna, Sushil Kumar and P. K. Dutta, "Synthesis, characterizations and applications of palmitic acid grafted chitosan derivative.", ICBACC

& 6th ICCSS, Hyderabad, pp.12, 09/2017, Published by Department of Plant Sciences, Hyderabad University.

Photochemistry, Bhabha Atomic Research Centre, Mumbai, India, 01/2018, Published by BARC, Mumbai.

- Anu Singh, P. K. Dutta, "Green synthesis of zinc oxide nanoparticles using chitin-glucan complex isolated from *Agaricus bisporus* and its antibacterial activity", ICBACC & 6th ICCSS, Hyderabad, pp.06, 09/2017, Published By Department of Plant Sciences, Hyderabad University.
- Yadvendra Singh and Tamal Ghosh, "Colorimetric and fluorescent probe for cyanide in solution, test strips and live cell imaging", 14th DAE-BRNS Biennial Trombay Symposium on Radiation &

Publication in National Conferences- Nil

Patents

- Patent no.201711023786, Entitled A process optimization using *Bacillus licheniformis* lab isolate for conversion of corn starch to nea, Applied on 06/07/2017. The details are follows < Hydrogen gas production by Biological roots.
- Patent no.1267, Entitled A new wound care product, Applied on 04/2017. The details are follows < Request for Examination submitted.

Reviewer in International Journals

Sl.No.	Faculty Name	Journal Name
1.	Dr. G. K. Mehrotra	Journal of Molecular Structure , International Journal of Biological Macromolecules, Spectrochimica Acta Part A
2.	Dr. P.K. Dutta	Journal of Nanoscience and Nanotechnology International Journal of Biological Macromolecules RSC Advances African J. Biotechnology IET Nanotechnology Materials Research Exp. Biomacromolecules Journal of Materials Chemistry B Journal of Polymer Materials Carbohydrate Polymers Cell.Physiol.Biochem Carbohydrate Polymers International Journal of Biological Macromolecules RSC Advances Colloids and Surfaces B Inorganica Chimica Acta Materials Letters Inorganic Chemistry Sensors and Actuators B: Chemical Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
3.	Dr. Ashutosh Pandey	Inorganica Chimica Acta Materials Letters Inorganic Chemistry
4.	Dr. Tamal Ghosh	Sensors and Actuators B: Chemical Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy

Book(s)/Book(s) Chapter(s) Authored

Sl. No.	Faculty Name	Book	Book Chapter	Publisher
1.	Anjana Pandey, Suman Dolly and Ashutosh Pandey	Concepts and different strategies of fermentative hydrogen production		Lambert Publishing

Invited Lectures Delivered

- Lecture delivered by Dr. P. K. Dutta at ICBACC & 6th ICCSS, Invited Speaker, Hyderabad Central University on 09/2017 entitled Chitin and chitosan based nanocarriers for therapeutic and uianostic uses.

Expert/Invited Lectures Organized

1. A lecture is delivered by Prof. R. Ramaraj, Professor and CSIR Emeritus Scientist, School of

Chemistry, Madurai Kamaraj University, Madurai. on 12/04/2017 entitled Nanostructured materials modified electrodes for catalysis and sensors.

Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Short Term GIAN Training Program	Nanomedicine with nanoparticle-based diagnostics and therapy, MNNIT, Allahabad	06/11/2017	10/11/2017

Events Attended

1. Dr. P. K. Dutta attended International conference on ICBACC & 6th ICCSS at Hyderabad on/during 21/09/2017 to 22/09/2017.
2. Dr. Tamal Ghosh attended International conference on 14th DAE-BRNS Biennial Trombay

Symposium on Radiation & Photochemistry at Bhabha Atomic Research Centre (BARC), Mumbai on/during 03/01/2018 to 07/01/2018.

3. Dr. P. K. Dutta attended International conference on Recycle 2018 at IIT Guwahati on/during 22/02/2018 to 24/02/2018.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Ashutosh Pandey(Co-PI)	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT, New Delhi	Rs. 48,19,000	Completed on 12/2017

10.6 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Vision

The Computer Science & Engineering Department of Motilal Nehru National Institute of Technology Allahabad would continue to provide leading programs in the field of computing. The graduates produced would be globally recognized as innovative and well-prepared computing professionals. These graduates would be leaders and innovators in the industry, education, and other walks of social life. The faculty working in the department would influence the national and international agenda through quality in teaching and research. Department would strive for interdisciplinary pursuits that reinforces the impact of computation in other disciplines.

To offer high quality undergraduate and graduate programs, to train the students in different aspects of computing discipline and to offer other training programs to enhance, augment, and/or update technical skills of stake holders. To provide a learning environment that helps students to be successful in their professional lives and to prepare students to be lifelong learners by offering a solid theoretical foundation in computing along with applied computing experiences and educating them about their professional, and ethical responsibilities. To have high quality faculty and staff with an appropriate know how and degrees with a commitment to remain professionally advanced through ongoing research and professional development programs. To attract and retain a diverse and multicultural population of student, faculty, and staff.

Mission

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Dinesh Singh	2012RCS57	Efficient Cluster Based Misbehavior Detection And Revocation of Malicious Vehicle In VANET	Dr. R. S. Yadav

2.	Dr. Sanjeev Pippal	2009RCS55	A Reliable Framework for Efficient Data Management for Adhoc Cloud	Dr. D. S. Kushawaha
3.	Dr. Dushyant singh	2012RCS56	Automatic Intruder Detection System for Border Surveillance	Dr. D. S. Kushawaha
4.	Rupesh Kumar Dewang	2012RCS54	Content Based Approaches for Detection of Review Spam and Spammer	Dr. Anil Kumar Singh
5.	Shailendra Pratap Singh	2013RCS02	Homeostasis Mutation Based Differential Evolution Algorithm for Software Cost Estimation	Dr. Anoj Kumar
6.	Shubhadra Bose Shaw	2013RCS07	Energy Performance Trade-offs through Proactive and Reactive Hotspot Detection Technique, Optimized VM Placement and Restricted VM Consolidation in Cloud Data Center	Dr. Anil Kumar Singh

Publication in International Journals

1. Tarun Kumar and Dharmender Singh Kushwaha, "Traffic Surveillance & Speed Limit Violation Detection System", *Journal of Intelligent & Fuzzy Systems*, vol.32, Issue 5, pp.3761-3773, 04/2017, Published by IOS Press, (SCI, IF = 1.261).
2. Rajitha Bakthula, Shivendra Shivani and Suneeta Agarwal, "Self authenticating medical X-ray images for telemedicine applications", *Multimedia Tools and Applications*, pp.01-18, 04/2017, Published by Springer, (SCI, IF = 1.530).
3. Shailendra Pratap Singh, and Anoj Kumar, "Pareto Based Differential Evolution with Homeostasis Based Mutation", *Journal of Intelligent & Fuzzy Systems*, vol.32, Issue 5, pp.3245-3257, 04/2017, Published by IOS Press journal, (SCI, IF = 1.261).
4. Dr. Divya Kumar, Dr. K. K. Mishra, "Portfolio optimization using novel co-variance guided Artificial Bee Colony algorithm", *Swarm and Evolutionary Computation*, vol.33, pp.119-130, 04/2017, Published by Elsevier, (SCI, IF = 3.893).
5. Vibhor Kant, Tanisha Jhalani, Pragma Dwivedi, "Enhanced multi-criteria recommender system based on fuzzy Bayesian approach", *Multimedia Tools & Applications*, pp.1-19, 07/2017, Published by Springer, (SCI, IF = 1.53).
6. Kumari Nidhi Lal, Anoj Kumar, "A popularity based content eviction scheme via betweenness-centrality caching approach for content-centric networking (CCN)", *Wireless Networks, Springer*, vol.24, Issue 153, pp.1-12, 08/2017, Published by The Journal of Mobile Communication, Computation and Information, (SCI, IF =1.584).
7. Pragma Dwivedi, Vibhor Kant, Kamal K Bharadwaj, "Learning Path Recommendation based on Modified Variable Length Genetic Algorithm", *Education and Information Technologies*, pp.1-18, 08/2017, Published by Springer US, (Scopus).
8. Sandeep Saxena, Gautam Sanyal, Shashank Srivastava, "Preventing from Cross-VM Side-channel Attack Using New Replacement Method", *Wireless Personal Communications, Springer (SCI Expanded Indexed)*, vol.95, Issue 341, pp.01-28, 08/2017, (IF = 0.951).
9. Bhavna Sharma, Ravi Prakash, Shailesh Tiwari, and K. K. Mishra, "A Variant of Environmental Adaptation Method with Real Parameter Encoding and its Application in Economic Load Dispatch Problem", *Applied Intelligence*, vol.47, Issue 2, pp.409-429, 09/2017, Published by Springer, (SCI, IF = 1.904).
10. Mr. Nitin Saxena, Dr. K. K. Mishra, "Improved Multi-Objective Particle Swarm Optimization Algorithm for Optimizing Watermark Strength in Color Image Watermarking", *Applied Intelligence*, vol.47, Issue 2, pp.362-381, 09/2017, Published by Springer, (SCI, IF = 1.904).
11. Kumari Nidhi Lal, Anoj Kumar, "A Centrality-measures based Caching Scheme for Content-centric Networking (CCN)", *An International Journal of Multimedia Tools and Applications, Springer*, vol.77, Issue 289, pp.1-18, 09/2017, Published by Multimedia Tools and Applications, (SCI, IF = 1.530).
12. S Shivani, S Tiwari, KK Mishra, Z Zheng, "Providing security and privacy to huge and vulnerable songs repository using visual

- cryptography*", *Multimedia Tools and Applications*, vol.76, pp.1-20, 10/2017, Published by Springer, (SCI, IF = 1.530).
13. Kumari Nidhi Lal, Anoj Kumar, "An efficient lookup search and forwarding mechanism in Information - centric Networking (ICN)", *Arabian Journal for Science and Engineering*, vol.8, Issue 81, pp.1-13, 11/2017, Published by Arabian Journal for Science and Engineering, (SCI, IF = 0.865).
 14. M. Chahal, S. Harit, K. K. Mishra, A. K. Sangaiah, Z. Zheng, "A Survey on software-defined networking in vehicular ad hoc networks: Challenges, applications and use cases", *Sustainable Cities and Society*, vol.35, pp.830-840, 11/2017, Published by Elsevier, (SCI, IF = 1.777).
 15. Rohit Kumar Sachan and Dharmender Singh Kushwaha, "A Generalized and Robust Anti-Predatory Nature-Inspired Algorithm for Complex Problems", *International Journal of Applied Metaheuristic Computing*, vol.10, Issue 1, 00/2018, Published by IGI Global, (SCI).
 16. Anupam Biswas, Bhaskar Biswas, Anoj Kumar and K. K. Mishra, "Particle Swarm Optimization with Time Varying Cognitive Avoidance Component", *International Journal of Computational Science and Engineering*, vol.16, Issue 1, pp.27-41, 01/2018, Published by International Journal of Computational Science and Engineering, (SCI, IF = 0.59).
 17. W Wang, K. K. Mishra, "A novel stock trading prediction and recommendation system", *Multimedia Tools and Applications*, vol.77, Issue 4, pp.4203-421, 02/2018, Published by Springer. (SCI, IF = 1.530).
 18. Krishn Kumar Mishra, Hemant Bisht, Tribhuvan Singh, Victor Chang, "A Direction Aware Particle Swarm Optimization with Sensitive Swarm Leader", *Big Data Research*, 03/2018, Published by Elsevier, (Scopus).
 19. Shailendra Pratap Singh, and Anoj Kumar, "Multiobjective differential evolution using homeostasis based mutation for application in software cost estimation", *Applied Intelligence*, Springer, vol.48, Issue 3, pp.628-650, 03/2018, Published by The International Journal of Research on Intelligent Systems for Real Life Complex Problems, (SCI, IF = 1.904).
 20. Priyankar Choudhary, Vibhor Kant, Pragma Dwivedi, "Handling Natural Noise in Multi Criteria Recommender System utilizing effective similarity measure and Particle Swarm Optimization", *Procedia Computer Science*, 2017, Published by Elsevier, (Scopus).

Publications in National Journals- Nil

Publication in International Conferences

1. Aditya Singh and Divya Kumar, "Novel ABC Based Training Algorithm for Ovarian Cancer Detection Using Neural Network", *International Conference on Trends in Electronics and Informatics*, Tirunelveli, India, 05/2017, Published by IEEE Xplore.
2. Shailendra Pratap Singh, and Anoj Kumar, "Differential Evolution Algorithm Using Population Based Homeostasis Difference Vector", *ASpringer's International Conference on Computer, Communication and Computational Science(IC4S)*, Ajmer, India, pp.579-587, 05/2017, Published by Advances in Computer and Computational Sciences.
3. Utkarsh Ojha, Utsav Adhikari, Dushyant Kumar Singh, "Image Annotation Using Deep Learning: A Review", *I2C2-2017*, Karpagam College of Engineering, Coimbatore (INDIA), 06/2017, Published by IEEE.
4. S. B. Shaw, J. P. Kumar, Dr. A. K. Singh, "Maintaining Energy-Performance Trade-off through Restricted Virtual Machine Consolidation in Cloud Data Center", *International Conference on Intelligent Computing and Control (I2C2)*, 2017, Coimbatore, India, 06/2017, Published by IEEE.
5. S. B. Shaw, C. Kumar, Dr. A. K. Singh, "Use of Time-series Based Forecasting Technique for Balancing Load and Reducing Consumption of Energy in a Cloud Data Centre", *International Conference on Intelligent Computing and Control (I2C2)*, 2017, Coimbatore, India., pp.1-6, 06/2017, Published by IEEE.
6. Dushyant Kumar Singh, "Gaussian Elliptical Fitting based Skin Color Modeling for Human Detection", *ICSGRC-2017*, Kuala Lumpur, Malaysia, 08/2017, Published by IEEE.
7. Rohit Gupta, Anil Kumar Singh, "Comparison of Measures of Collaborative Filtering Recommender Systems: Rating Prediction Accuracy versus

- Usage Prediction Accuracy*", IEEE technically sponsored International Conference on Control Communication and Information Systems", (ICICCI-2017), United College of Engineering and research, Greater Noida, INDIA, 08/2017, Published by IEEE.
8. Rohit Gupta, Anil Kumar Singh, "Scalable Recommender System based on MapReduce Framework", IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPSCI-2017), SEC Chennai, INDIA, 09/2017, Published by IEEE.
 9. G. Singh, A. K. Singh, "Design and Implementation of Virtual Hadoop Cluster on Private Cloud", Recent Developments in Science, Engineering and Technology (REDSET-2017), GD Goenka University, Gurgaon, INDIA, pp.61-71, 10/2017, Published by Springer.
 10. Kumari Nidhi Lal, Anoj Kumar, "E-health application over 5G using Content-Centric networking (CCN)", International Conference on IoT and Application (ICIOT), Nagapattinam, India, pp.1-5, 10/2017, Published by IoT and Application (ICIOT).
 11. Arpit and Divya Kumar, "Calculus of Concurrent Probabilistic Reversible Processes", 7th International Conference on Computer and Communication Technology, MNNIT Allahabad, India, 11/2017, Published by ACM Digital Library.
 12. Priya Mayank ,Anil Kumar Singh, "Tor Traffic Identification", International Conference on Communication and Network Technologies (CSNT -2017), IIT Nagpur, India, 11/2017, Published by IEEE.
 13. Rohit Gupta, Anil Kumar Singh, "Accuracy Enhancement of Collaborative Filtering Recommender System for Blogs using Latent Semantic Indexing", IEEE technically sponsored Conference on Information and Communication Technology (CICT-2017), ABV-IIITM Gwalior, 11/2017, Published by IEEE.
 14. Raghav Yadav, Rama Shankar Yadav and Hari Mohan Singh, "Quality Enhancement in P-Cycle using Optimized Restoration Path (ORP) Algorithm", International Conference on Advances in Recent Technologies in Communication & Computing, Kottayam, Kerla, pp.549-55, 11/2017, Published by IEEE.
 15. Ankur Maurya, Divya Kumar and R K Agarwal, "Speaker Recognition for Hindi Speech Signal using MFCC-GMM Approach", The 6th International Conference on Smart Computing and Communications, Elsevier Procedia Computer Science, Kurukshetra, India, pp.880-887, 12/2017, Published by Elsevier Procedia Computer Science.
 16. Kumari Nidhi Lal, Anoj Kumar, "ICN WiMAX: An application of network coding based centrality-measures caching over ICN", Sixth International Conference on Smart Computing & Communications, Kurukshetra, India, pp.241-247, 12/2017, Published by Procedia Computer Science.
 17. Rohit Kumar Sachan and Dharmender Singh Kushwaha, "New NIA Based Approach for Optimizing Basic COCOMO Model", 5th International Conference on Computing for Sustainable Global Development, INDIACOM 2018, Bharati Vidyapeeth, New Delhi India, pp.1242-1247, 00/2018, Published by IEEE.

Publication in National Conferences-Nil

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. D. S. Kushawaha	International Journal of Software Engineering and Knowledge Engineering IEEE Transaction on Systems, Man and Cybernetics, Part B Journal of Engineering & Computer Innovations, Academy Publishers, 2010 CoMSIS (Computer Science & Information System) Journal, 2010 Journal of Convergence of Information Technology, JCIT 2010 Journal of Digital Content Technology and its Applications, AISS
2.	Dr. Krishna Kumar Mishra	Applied Soft Computing Applied Intelligence IEEE Transaction on Cybernetics

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|----|--------------------------|------------------------------------------------------------|
| 3. | Dr. Dinesh Singh | International Journal of Computational Vision and Robotics |
| 4. | Dr. Dushyant Kumar Singh | International Journal of Computational Vision and Robotics |
| 5. | Dr. Rupesh Kumar Dewang | Internet of Things for Technology Development |

Book(s)/Book(s) Chapter(s) Authored

Sl. No.	Faculty Name	Book	Book Chapter	Publisher
1.	Biru Rajak and D. S. Kushwaha	Lecture Notes in Networks and Systems (LNNS) Series	Traffic Control and Management over IoT for Clearance of Emergency Vehicle	Springer
2.	Rohit Kumar Sachan and Dharmender Singh	Lecture Notes in Networks and Systems (LNNS) Series	Evaluation and Research Directions in Nature-Inspired Algorithms	Springer
3.	Tarun Kumar and D. S. Kushwah	Lecture Notes in Networks and Systems (LNNS) Series	An Approach for Traffic Congestion Detection and Control System	Springer
4.	G. Singh and A. K. Singh	Lecture Notes in Computer Science (LNCS 10722)	Effect of Live Migration on Virtual Hadoop Cluster	Springer International Publishing

Invited Lectures Delivered

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| <ol style="list-style-type: none"> Lecture delivered by Dr. Mayank Pandey at KNGD Modi Engineering College, Modinagar on 19/04/2017 entitled Recent Trends in Network. Lecture delivered by Dr. Mayank Pandey at World Telecom and Information Society Day-2017, Institution of Engineers, Allahabad Local Center, MNNIT Allahabad on 27/05/2017 entitled Big Data for Big Impact. Lecture delivered by Dr. Mayank Pandey at Faculty Development Program, SIET, Allahabad on 09/06/2017 entitled Research Methodologies, Teaching Techniques and Current Technological Trends. Lecture delivered by Dr. Divya Kumar at Expert Lecture Program, MIT Moradabad on 10/06/2017 entitled Research Methodology & Technical Writing. Lecture delivered by Dr. Dushyant Kumar Singh at ETCS-2017, Dept of CSE, MNNIT Allahabad on 30/06/2017 entitled Internet of Things. Lecture delivered by Dr. Anil Kumar Singh at Malaviya Research Conclave (MRC)-2017, | <ol style="list-style-type: none"> MMMUT Gorakhpur on 10/07/2017 entitled Big Data Computing and Research. Lecture delivered by Dr. Anil Kumar Singh at EEE technically sponsored International Conference on Control, Communication and Information System (ICICCI-2017), United College of Engineering and Research Greater Noida, UP, INDIA on 12/08/2017 entitled Advancement in Information Retrieval and Data Mining. Lecture delivered by Dr. Anil Kumar Singh at Seminar on Technological Scopes in Nurturing Smart India (TSNSI-2017), MIT, Moradabad on 24/09/2017 entitled Smart Governance and Big Data Computing. Lecture delivered by Dr. Shashwati Banerjea at BBS College of Engineering and Technology Allahabad on 08/10/2017 entitled Hadoop Technology. Lecture delivered by Dr. Dinesh Singh at Faculty Development program, Centre of Food Technology, Allahabad University, Allahabad on 15/03/2018 entitled Network Security. |
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Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Workshop	A one week self-financed workshop on "Data Analytics and Machine Learning with R", (DAMLR-2017), CSED, MNNIT Allahabad	29/05/2017	02/06/2017
2.	Four Week Summer Training Programme	Enhancing Skill for Enterprise Scale Application Development, Motilal Nehru National Institute of	09/06/2017	06/07/2017

3.	Workshop	Technology Allahabad, Allahabad Summer Training Program on Emerging Trends in Computer Science (ETCS) 2017, CSED, MNNIT Allahabad	12/06/2017	07/07/2017
4.	Workshop	Workshop on Network Simulation -2017(WNS-2017), MNNIT Allahabad	08/07/2017	12/07/2017
5.	International conference	7 th International Conference on Computer and Communication Technology, MNNIT, Allahabad, India	24/11/2017	26/11/2017
6.	Workshop	Current Trends in Cyber Crime and Security, Motilal Nehru National Institute of Technology Allahabad	27/01/2018	31/01/2018
7.	Workshop	Workshop On Image and Video Analytics (WIVA - 2018), CSED, MNNIT Allahabad	29/03/2018	02/04/2018

Events Attended

- Dr. Anoj Kumar attended International conference on International conference on IoT and its applications at E.G.S pillay engineering college, Nagapattinam on/during 19/05/17 to 20/05/2017.
- Dr. D. S. Kushawaha attended International conference on 5th International Symposium on Computational and Business Intelligence (ISCBI 2017) at Dubai, UAE on/during 11/08/2017 to 14/08/2017.
- Dr. Anil Kumar Singh attended Faculty Development Program on Faculty Development program on "Parallel Programming for HPC Systems" as a part of National Super Computing Mission at IISc. Bangalore on/during 11/09/2017 to 16/09/2017.
- Dr. Rupesh Kumar Dewang attended International conference on ICCCT-2017 (Session Chair) at Allahabad on/during 24/11/2017 to 26/11/2017.
- Dr. Dinesh Singh attended ICCCT-17, International conference on Finance Co-chair at MNNIT on/during 24/11/2017 to 26/11/2017.
- Dr. Rupesh Kumar Dewang attended International conference on RAETCS-2018 (Session Chair) at SHUATS Allahabad on/during 07/02/2018 to 07/02/2018.
- Dr. Dinesh Singh attended International conference on Session Chair at Allahabad on/during 06/02/2018 to 08/02/2018.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Shashank Srivastava(PI)	Intelligent detection and mitigation of DDoS attack in SDN	DST	Rs.25 Lakh	Ongoing
2.	Dr. Anil Kumar Singh(Co-PI)	Information Security Education and Awareness [ISEA] Project (Phase II)	DeitY, MHRD	Rs.36.06	Ongoing

10.7 DEPARTMENT OF ELECTRICAL ENGINEERING

Vision

To produce globally competitive technical manpower with sound knowledge of theory and practice, with a commitment to serve the society and to foster cutting edge research in Electrical Engineering pertaining to the problems currently faced by the country and the world.

Mission

(a) Development of relevant content for quality teaching (b) Development of state of art lab facilities for research and consultancy (c) Development of infrastructure and procurement of cutting edge tools/equipment (d) Improving symbiotic relationship with Industry for collaborative research and resource generation.

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Vijay Pratap Singh	2012REE01	Load Frequency of Power System in perspective of Smart Grid Operation	Dr. Paulson Samuel
2.	M. Venkatesh Naik	2011REE201	Non-Isolated Converter Topologies for Fuel Cell based Energy Conversion Systems with Reduced Input Current Ripple	Dr. Paulson Samuel
3.	Akbar Ahmad	2013REE01	PV Converter Topologies and Control for Shade Tolerance and Optimal Energy Harvest Efficiency	Dr. Paulson Samuel

Publication in International Journals

- V. Karthikeyan and Rajesh Gupta, "Varying Phase Angle Control in Isolated Bidirectional DC-DC Converter for Integrating Battery Storage and Solar PV System in Standalone Mode", *IET Power Electronics*, vol.10, Issue 4, pp.217-227, 04/2017.
- V. P. Singh, N. Kishor and P. Samuel, "Improved load frequency control of power system using LMI based PID approach", *J. Franklin Inst.*, pp.6805-6830, 04/2017.
- A. Ahmad and P. Samuel, "Photovoltaic System based Marx Multilevel Converter for Hybrid Modulation Strategy", *Lect. Notes Electr. Eng.*, vol.435, pp.1-8, 05/2017.
- V. C. Pal and Richa Negi, "Delay-dependent stability criterion for uncertain discrete time systems in presence of actuator saturation", *Transactions of the Institute of Measurement and Control*, vol.40, Issue 6, pp.1873-1891, 05/2017, (SCI, IF = 1.049).
- A. Ahmad and P. Samuel, "Real-Time Implementation of Maximum Power Point methods for Photovoltaic Systems", *Lect. notes Electr. Eng.*, vol.435, Issue 3, pp.1-8, 05/2017.
- A. Sachan, A. K. Gupta and P. Samuel, "A Review of MPPT Algorithms Employed in Wind Energy Conversion Systems", *J. Green Eng.*, vol.6, Issue 4, pp.385-402, 06/2017.
- Yalavarthi, a. Ahmad and P. Samuel, "Hardware in Loop Control of Switched Capacitor Multilevel Converter for Bus Clamping Modulation", *Lect. notes Electr. Eng.*, vol.442, pp.1-8, 06/2017.
- V. P. Singh, N. Kishor and P. Samuel, "Distributed Multi-Agent System Based Load Frequency Control for Multi-Area Power system in Smart Grid", *IEEE Trans. Ind. Electron.*, vol.64, Issue 6, pp.5151-5160, 06/2017.
- N. K. Choudhary, S. R. Mohanty, R. K. Singh, "Impact of distributed generator controllers on the coordination of overcurrent relays in microgrid", *Turkish Journal of Electrical Engineering and Computer Sciences*, vol.25, Issue 4, pp.2674-2685, 07/2017, (SCI, IF = 0.766).
- S. Nalamati, P. Samuel and R. Gupta, "Distributed Wind Energy Conversion System Interface to the Grid using Cascaded Multi-Level Converter", *IETE J. Res.*, pp.1-10, 07/2017.
- D. Lamsal, V. Sreeram, Y. Mishra, D. Kumar, "Kalman filter approach for dispatching and attenuating the power fluctuation of wind and photovoltaic power generating systems", *IET Generation, Transmission & Distribution*, vol.12, Issue 7, pp.1501-1508, 10/2017. Published by IET, (SCI, IF = 2.213).
- V. C. Pal, and Richa Negi, "H[∞] based anti-windup controller for 2-D discrete delayed systems in presence of actuator saturation", *IMA Journal of Mathematical Control & Information*, pp.1-34, 11/2017, (SCI, IF = 1.273).
- A. Ahmad, A. Khandelwal and P. Samuel, "Golden band search for rapid global peak detection under partial shading condition in Photovoltaic system", *Sol. Energy*, vol.157, pp.978-979, 11/2017.
- Sanjay Singh Negi, Nand Kishor, Kjetil Uhlen, and Richa Negi, "Event Detection and its Signal Characterization in PMU Data Stream", *IEEE Transactions on Industrial Informatics*, vol.13, Issue 6, pp.3108-3118, 12/2017, (SCI, IF = 6.764).
- B Sonker, D Kumar, P Samuel, "A modified two-degree of freedom-internal model control configuration for load frequency control of a single area power system", *Turkish Journal of Electrical Engineering & Computer Sciences*, vol.25, Issue 6, pp.4624-4635, 12/2017, (SCI, IF = 0.578).

16. D Lamsal, V Sreeram, Y Mishra, D Kumar, "Achieving a minimum power fluctuation rate in wind and photovoltaic output power using discrete Kalman filter based on weighted average approach", *IET Renewable Power Generation*, vol.12, Issue 6, pp.633–638, 01/2018, Published by IET, (SCI, IF = 2.635).
17. D Kumar, V Sreeram, X Du, "Model Reduction Using Parameterized Limited Frequency Interval Gramians for 1-D and 2-D Separable Denominator Discrete-Time Systems", *IEEE Transactions on Circuits and Systems I: Regular Papers*, pp.1-10, 02/2018, published by IEEE, (SCI, IF = 2.407).
4. Dr.M.Venkatesh Naik and Dr.Paulson Samuel, "Effect of Duty Ratio on Fuel Cell Ripple Current, Power Losses and Converter Efficiency", *9th IEEE PES APPEEC-2017*, Bangalore, LE Meridian Hotel, pp.Accepted, 11/2017, Published by IEEE.
5. D Kumar, A Jazlan, V Sreeram, "Model reduction based on limited time interval impulse response gramians", *2017 Australian and New Zealand Control Conference*, Gold Coast, pp.50-52, 12/2017, Published by IEEE.
6. D Lamsal, T Conrادية, V Sreeram, Y Mishra, D Kumar, "A fuzzy logic control approach for smoothing of wind and photovoltaic generation output fluctuations", *2017 Australian and New Zealand Control Conference*, Gold Coast, pp.80-82, 12/2017, Published by IEEE.
7. D Kumar, A Jazlan, V Sreeram, "Generalized time limited Gramian based model reduction", *2017 Australian and New Zealand Control Conference*, Gold Coast, pp.47-49, 12/2017, Published by IEEE.

Publication in National Journals-Nil

Publication in International Conferences

1. K. Gupta, D. Kumar and P. Samuel, "BBBC based Optimization of PI Controller Parameters for Buck Converter", *International Conference on Innovations in Power and Advanced Computing Technologies i-PACT 2017*, Vellore, India, pp.8-13, 04/2017.
2. Sanjay Singh Negi, Nand Kishor, Kjetil Uhlen, and Richa Negi,, "Post-processing algorithm for damped and step-change events detection in PMUs signal", *IEEE Manchester PowerTech*, Manchester, UK, pp.1-6, 06/2017, Published by IEEE.
3. S. K. S. Kushwaha, P. Samuel and S. R. Mohanty, "Transient Stability Analysis of SCIG based Marine Current Farm and Doubly Fed Induction Generator based offshore wind farm using Bridge Type Fault

Publication in National Conferences

1. A. K. Gupta, D Kumar, B. M. Reddy, P Samuel, "BBBC based optimization of PI controller parameters for buck converter", *2017 Innovations in Power and Advanced Computing Technologies*, Vellore, pp.1-6, 01/2018, Published by IEEE.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Rajesh Gupta	IET Power Electronics, UK IEEE Transaction on Industrial Electronics, Power Electronics, Power Delivery, Energy Conversion, etc. IEEE Industrial Electronics Society Conferences
2.	Mr. Niraj Kumar Choudhary	Indian Journal of Science & Technology
3.	Dr. Deepak Kumar	Journal of Engineering Science and Technology International Journal of Robust and Nonlinear Control Asian Journal of Control Computers and Electrical Engineering Simulation: International Transactions of the Society for Modeling and Simulation Journal of the Franklin Institute
4.	Mr. M. Venkatesh Naik	Renewable and Sustainable Energy Reviews

Invited Lectures Delivered

- Lecture delivered by Mr. Niraj Kumar Choudhary at APT-2017, EED, MNNIT Allahabad on 20/05/2017 entitled Distributed Generation: Future of Power Systems.
- Lecture delivered by Mr. Niraj Kumar Choudhary at Expert Lecture, K. N. Modi Foundation on 07/10/2017 entitled Protection challenges in microgrid systems.

Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Short Term Course	Advances in Power Technologies, Electrical Engineering Department, MNNIT Allahabad	15/05/2017	20/05/2017
2.	Short Term Course	Advances in Power Electronics and Renewable Energy Resources (APERER-2017), Electrical Engineering Department MNNIT, Allahabad	21/07/2017	23/07/2017
3.	Gian Course	Integration of High Penetration of Solar and Wind Power in Power Systems: Experiences and Challenges, MNNIT Allahabad	13/11/2017	17/11/2017

Events Attended

- Mr. Niraj Kumar Choudhary attended Workshop on A Multi dimensional Smart Energy Grid Analysis for Indian Scenario at IIT Mandi on/during 08/06/2017 to 10/06/2017.
- Dr. Deepak Kumar attended International conference on 2017 Australian and New Zealand Control Conference at Gold Coast on/during 17/12/2017 to 20/12/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Rajesh Gupta	Power Electronics Converter Based Bidirectional Power Flow Controller for Energy Storage Applications	CSIR, New Delhi	Rs.20.46 Lakh	Ongoing
2.	Dr. Rajesh Gupta	Hybrid DC Micro Grid System for Future Residential-Rural Electrification	MNRE, New Delhi	Rs.26.985 Lakh	Ongoing

Other Relevant Information

- Dr. Deepak Kumar received SERB-Overseas postdoctoral fellowship 2015-16 on 12/2017.

Mission

To provide quality education leading to B.Tech. , M.Tech. and Ph.D. degree in the area of electronics and communication engineering and technology which may produce globally acceptable high quality skilled technical manpower. To impart technical education which may provide innovative skills in their respective area of specialization for society in general with universal moral values and adherent to the professional ethical codes. To generate and disseminate knowledge and technologies essential to the local and global needs in the field of electronics and communication engineering.

10.8 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Vision

To become globally leading institution of higher learning, building upon the culture and the values of universal science and contemporary education and a center of research and education generating the knowledge and the technologies which lay the groundwork in shaping the future in the fields of electronics and communication engineering.

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Alka verma	2013REL51	Analytical study of graphene based surface plasmon resonance sensor for detection of bacteria	Dr. Arun Prakash
2.	Akshata Tondon	2012REL02	Linear Matrix inequality based criteria for Non-Fragile Robust Guaranteed Cost Control of Two-Dimensional Discrete Uncertain Systems	Dr. Amit Dhawan
3.	Abhay Vidyarthi	2013REL11	Linear Matrix Inequality Based Criteria for the Evaluation of Optimal Performance of 2-D Discrete Uncertain Systems	Dr. Manish Tiwari
4.	Reena Singh	2010REL03	Spatial and Wavelet transform domain denoising techniques for quality improvement of decompressed and noisy images	Dr. V. K. Srivastava
5.	Pavan Kumar Bikki	2013REL08	Study of Low Power and Low Swing Leakage Control Techniques for Ultra-Low Power Applications	Dr. Karuppanan P.
6.	Jitendra Bahadur Maurya	2014REL05	Design and fabrication of plasmonic sensor based on graphene and mos2 for biosensing	Dr. Yogendra Kumar Prajapati
7.	Mr. Arun Kumar Singh	2013REL03	LMI Approach to Robust Optimal H(infinity) Control for Uncertain 2-D Discrete Delayed Systems	Dr. Amit Dhawan

Publication in International Journals

- Nishu Gupta, Arun Prakash, Rajeev Tripathi, "Mobility dependent clustering-based data transmission under variable data rate for different node densities in vehicular ad hoc network", *Int. J. of Advanced Intelligence Paradigms (IJAIIP)*, vol.9, Issue 2, pp.246-262, 04/2017, Published by Inderscience, (SCI).
- S. Rao, Vinay Kumar, S. Kumar, S. Yadav, V. K. Ancha and R. Tripathi, "Power Efficient and Coordinated eICIC-CPC-ABS Method for Downlink in LTE-Advanced Heterogeneous Networks", *Physical Communication (Elsevier)*, vol.24, Issue 1, pp.71-82, 05/2017, Published by Elsevier, (SCI, IF = 1.522).
- M. Kumar, R. Tripathi, S. Tiwari, "QoS guarantee towards reliability and timeliness in industrial wireless sensor networks", *Multimedia Tools and Applications*, pp.1-18, 05/2017, Published by Springer, (SCI, IF = 1.53).
- S. X. Arockiaraj, P. Kokil and H. Kar, "Passivity based stability condition for interfered digital filters", *Indonesian Journal of Electrical Engineering and Computer Science*, vol.6, Issue 2, pp.431 ~ 437, 05/2017, Published by Institute of Advanced Engineering and Science, (SCI).
- Alka Verma, Arun Prakash, Rajeev Tripathi, "Comparative study of Surface Plasmon Resonance Biosensor based on Metamaterial and Graphene", *Silicon*, vol.9, Issue 3, pp.309-320, 05/2017, Published by Springer, (SCI, IF = 0.829).
- Sanjeev Rai, Abhinav, "Reliability Analysis of Junction-less Double Gate (JLDG) MOSFET for Analog/RF Circuits for High Linearity Applications", *Microelectronics Journal*, vol.64, pp.60-68, 05/2017, Published by Elsevier, (SCI, IF = 1.163).
- S. Rao, V. Kumar, S. Kumar, S. Yadav, V. K. Ancha and R. Tripathi, "Power Efficient and Coordinated eICIC-CPC-ABS Method for Downlink in LTE-Advanced Heterogeneous Networks", *Physical Communication*, vol.24, pp.71-82, 05/2017, Published by Elsevier, (SCI, IF = 1.583).
- Sajal Agarwal, Y. K. Prajapati, "Analysis of Metamaterial based Absorber for Thermo-

- photovoltaic Cell Applications*", *IET Optoelectronics*, 06/2017, (SCI, IF = 1.165).
9. Akash Singh Rawat, Santosh Kumar Gupta, "Potential modeling and performance analysis of junction-less quadruple gate MOSFETs for analog and RF applications", *Microelectronics Journal* (Elsevier), vol.66, pp.89-102, 06/2017, (SCI, IF = 1.163).
 10. Digvijay Singh Chauhan, Amit Kumar Singh, Basant Kumar, J. P. Saini, "Quantization based multiple information watermarking for secure e-health", *Multimedia Tools and Applications*, Springer, DOI 10.1007/s11042-017-4886-4, Published online 12 June 2017. Citation- 10," Springer, 06/2017, (SCI, IF = 1.331).
 11. Pawan Kumar Verma, Rajesh Verma, Arun Prakash, Rajeev Tripathi, and Kshirasagar Naik, "A Scalable Hybrid-MAC Protocol For M2M Networks", *International Journal of Big Data Intelligence (IJBDI)*, vol.4, Issue 3, 07/2017, Published by Inderscience.
 12. AbhayVidyarthi, Manish Tiwari and Amit Dhawan, "Robust Optimal H-Inf Control for 2-D Discrete Systems Using Asymmetric Lyapunov Matrix", *Circuit Systems and Signal Processing*, vol.36, Issue 10, pp.3901 – 3, 07/2017, Published By Springer, (SCI, IF = 1.694).
 13. P. Rani, P. Kokil and H. Kar, "l₂-l_∞ suppression of limit cycles in interfered digital filters with generalized overflow nonlinearities", *Circuits, Systems, and Signal Processing*, vol.36, Issue 7, pp.2727-2741, 07/2017, Published by Springer, (SCI, IF = 1.694).
 14. Karthikeyan, Rajasekar, Chitti Babu, Praveen Yadav, P. Karuppanan, Haider A.F. Almurib and S. Tamilselvi, "HCC-based interleaved boost converter with optimal switching frequency control of wind energy conversion system for DC microgrid application", *IET The Journal of Engineering*, vol.2017, Issue 8, pp.495–505, 08/2017, (SCI).
 15. Krishan Kumar, Arun Prakash, Rajeev Tripathi, "Spectrum Handoff Scheme with Multiple Attributes Decision Making for Optimal Network Selection in Cognitive Radio Networks", *Digital Communications and Networks*, vol.3, Issue 3, pp.164-175, 08/2017, Published by Elsevier, (SCI).
 16. J. B. Maurya, Y. K. Prajapati, and Rajeev Tripathi, "Effect of Molybdenum Disulfide Layer on Surface Plasmon Resonance Biosensor for the Detection of Bacteria", *Journal of Silicon*, 08/2017, (SCI, IF = 0.860).
 17. J. B. Maurya, Y. K. Prajapati, "A Novel Method to Calculate Beam Width of SPR Reflectance Curve: A Comparative Analysis", *IEEE Sensor letters*, vol.1, Issue 4, pp.1-4, 08/2017, Published by IEEE. (SCI).
 18. M. K. Kumar, P. Kokil, and H. Kar, "A new realizability condition for fixed-point state-space interfered digital filters using any combination of overflow and quantization nonlinearities", *Circuits, Systems, and Signal Processing*, vol.36, Issue 8, pp.3289-3302, 08/2017, Published by Springer, (SCI, IF = 1.694).
 19. Raghvendra Pal, Nishu Gupta, Arun Prakash, Rajeev Tripathi, "Adaptive Mobility and Range Based Clustering Dependent MAC Protocol for Vehicular Ad-hoc Networks", *Wireless Personal Communications*, pp.1-16, 08/2017, Published By Springer, (SCI, IF = 0.951).
 20. J. B. Maurya, Y. K. Prajapati, "Influence of Dielectric Coating of Metal Layer in Surface Plasmon Resonance Sensor", *Journal of Plasmonics*, pp.1121-1130, 08/2017, (SCI, IF = 2.146).
 21. Krishan Kumar, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme for Optimal Network Selection in Cognitive Radio Vehicular Networks: A Game Theoretic Auction Theory Approach", *Physical Communication*, vol.24, pp.19-33, 09/2017, Published by Elsevier, (SCI, IF = 1.583).
 22. Shashwat Pathak, Basant Kumar, "Wireless Teleophthalmology: A Novel, Low Cost, Flexible Network Architecture and its Performance Evaluation for Remote Eye Care Solutions", *Journal of Telemedicine and E-Health*, vol.23, 09/2017, Published by Mary Ann Liebert Inc. Publishers, (SCI, IF = 1.791).
 23. Sanjay Kumar Singh, Amit Kumar Singh, Basant Kumar, Subir Kumar Sarkar, Karm Veer Arya, "Guest Editorial: Multimedia for Predictive Analytics", *Multimedia Tools and Applications*, Springer, DOI: 10.1007/s11042-017-5107-x," Springer, 09/2017, (SCI).

24. Sima Sahu, Harsh Vikram Singh, Basant Kumar & Amit Kumar Singh, "De-noising of ultrasound image using Bayesian approached heavy-tailed Cauchy distribution", *Multimedia Tools and Applications*, Springer, DOI 10.1007/s11042-017-5221-9., 09/2017, (SCI).
25. Prashant Ranjan, and V. S. Tripathi, "A Compact Triple Band Microwave Filter Using Symmetrically Placed Stub Loaded Open-loop Resonators", *International Journal of Electronics Letters*, pp.1-12, 09/2017, Published by Taylor & Francis, (SCI).
26. Sankit R Kassa, R. K. Nagaria, "A Novel Design for 4-Bit Code Converters in Quantum Dot Cellular Automata", *Journal of Low Power Electronics*, vol.13, Issue 3, pp.482-488, 09/2017, Published by American Scientific Publishers, (Scopus, IF=0.84).
27. M. K. Hota and V. K. Srivastava, "A multirate DSP structure for the identification of protein-coding regions Read More: <http://www.worldscientific.com/doi/abs/10.1142/S1793524517501121>", *International Journal of Biomathematics*, pp.1-15, 09/2017, (Scopus).
28. Akshay Verma , Tarique Rashid , Prateek Raj Gautam , Sunil Verma , Arvind kumar, "Fuzzy based Stable Clustering Protocol for Heterogeneous Wireless Sensor Networks", *International Journal of Engineering and Technology (IJET)*, vol.9, Issue 4, pp.671-678, 09/2017, Published by Engg Journals Publications.
29. Amit Kumar Singh, Basant Kumar, Sanjay Kumar Singh, Mayank Dave, Vivek Kumar Singh, Pradeep Kumar, Satya Prakash Ghrera, Pradeep Kumar Gupta, & Anand Mohan, " Guest Editorial: Robust and Secure Data Hiding Techniques for Telemedicine Applications" *Multimedia Tools and Applications*, Springer, Vol. 76, No. 5, pp. 7563-7573, 2017", *springer*, 09/2017, (SCI).
30. Rohini Srivastava, Basant Kumar, Amit Kumar Singh & Anand Mohan, "Computationally efficient joint imperceptible image watermarking and JPEG compression: A green computing approach", *Multimedia Tools and Applications*, Springer, DOI: 10.1007/s11042-017-5214-8,"Springer, 09/2017, (SCI).
31. Bukke Naresh Naik, Lucky Agarwal and Shweta Tripathi, "Microstructural and Electrical Characterization of Pt/Si Nanowires Schottky Diode Grown by Metal Assisted Chemical Etching Method", *International Journal of Thin Films Science and Technology*, vol.6, pp.107-111, 09/2017, Published by Natural Science Publishing.
32. Krishan Kumar, Ganesh Prasad Mishra, Arun Prakash and Rajeev Tripathi, "A Proactive Spectrum Handoff Scheme with Efficient Spectrum Utilization for Cognitive Radio Ad hoc Networks", *International Journal of Internet Protocol Technology (IJIPT)*, vol.10, Issue 3, 10/2017, Published by Inderscience, (SCI).
33. Prashant Kumar, Prabhat Chandra Shrivastava, Manish Tiwari, Amit Dhawan, "ASIC Implementation of Area Efficient, High Throughput 2-D IIR filter using Distributive Arithmetics", *Circuit Systems and Signal Processing*, 10/2017, Published by Springer, (SCI, IF=1.694).
34. Sandeep Shukla and Vijay Shanker Tripathi, "Performance Evaluation of Timing Estimation Technique Using Extended Cyclic Prefix for Correlation Sequence for OFDM Systems", *Wireless Personal Communications*, vol.97, Issue 3, pp.3301-332, 10/2017, Published by Springer, (SCI, IF = 0.951).
35. Lucky Agarwal, Shweta Tripathi and P.Chakrabarti, "Analysis of Structural, Optical and electrical properties of Metal /p-ZnO based Schottky Diode", *Journal of semiconductors*, vol.38, pp.104002-7, 10/2017, Published by IOP. (SCI).
36. Lucky Agarwal, B. N. Naik., and Shweta Tripathi, "Highly Reflective Er doped ZnO thin film coating for application in UV Optical Ring Resonator", *Nanotechnology, IOP journal*, vol.28, pp.1-11, 11/2017, Published by IOP, (SCI, IF = 3.34).
37. Prashant Ranjan, Saurabh Raj, Gaurav Upadhyay, V. S. Tripathi, and S. Tripathi, "Circularly slotted flower shaped UWB filtering antenna with high peak gain", *International Journal of Electronics and Communications (AEU)*, vol.81, pp.209-217, 11/2017, Published by Elsevier, (SCI, IF=1.147).
38. Sarika Pal, Alka Verma, Y. K. Prajapati, J. P. Saini., "Influence of Black Phosphorous on Performance of Surface Plasmon Resonance biosensor", *Optical and Quantum Electronics*, vol.49, 12/2017, Published by Springer, (SCI, IF = 0.987).

39. Raghvendra Pal, Nishu Gupta, Arun Prakash, and Rajeev Tripathi, "Adaptive Mobility and Range Based Clustering Dependent MAC Protocol for Vehicular Ad-hoc Networks", *Wireless Personal Communications, Springer*, vol.98, Issue 1, pp.1155-1170, 01/2018, Published by Springer, (IF = 0.95).
 40. Y. K. Prajapati, V. K. Srivastava, Vivek Singh, J. P. Saini, "Effect of germanium doping on the performance of silica based photonic crystal fiber", *Optik*, vol.155, pp.149-156, 01/2018, (SCI, IF = 0.85).
 41. Nand Kishore, Gaurav Upadhyay, Arun Prakash, Vijay Shanker Tripathi, "Millimeter Wave Antenna for Intelligent Transportation Systems Applications", *Journal of Microwaves, Optoelectronics and Electromagnetic Applications*, vol.17, Issue 1, pp.1-7, 01/2018, Published By Sociedade Brasileira de Microondas e Optoeletrônicae Sociedade Brasileira de Eletromagnetismo, (Scopus, IF = 1.8).
 42. Pawan Kumar Verma, Rajesh Verma, Arun Prakash, Mohammad Meftah Alrayes, Rajeev Tripathi, and Kshirasagar Naik, "A Novel Energy Efficient and Scalable Hybrid-MAC Protocol for Massive M2M Networks", *Cluster Computing*, vol.2018, Issue 1, pp.1-22, 01/2018, Published by Springer, (SCI, IF = 2.040).
 43. J. B. Maurya, S. Raikawar, Y. K. Prajapati, J. P. Saini, "A Silicon-Black Phosphorous based Surface Plasmon Resonance Sensor for the detection of NO₂ Gas", *Optik*, 02/2018, Published by Elsevier, (SCI, IF = 0.85).
 44. J. B. Maurya, Y. K. Prajapati, "Influence of Adhesion layer on Performance of Surface Plasmon Resonance Sensor," *IET Optoelectronics*, 02/2018, (SCI, IF = 1.05).
 45. J. B. Maurya, A. François, Y. K. Prajapati, "Two-Dimensional Layered Nanomaterial Based One-Dimensional Photonic Crystal Refractive Index Sensor", *Sensors, Sensors*, vol.18, Issue 3, pp.857, 03/2018, (SCI, IF = 2.677).
 46. Zain Hashim, Nishu Gupta, Arun Prakash, and Rajeev Tripathi, "Dual-Band UWB Bandpass Filter with Triangular DB-DGS for WLAN Applications in DSRC Band", *AEU-International Journal of Electronics and Communications*, vol.86, Issue 1, pp.77-85, 03/2018, Published by Elsevier, (SCI).
- Publication in National Journals-Nil**
- Publication in International Conferences**
1. Sajal Agarwal and Yogendra Kumar Prajapati, "Application of TMDs in Nano-Absorbers: An Impression," *Lasers and Electro-Optics, CLEO*., San Jose, California United STATES, 05/2017.
 2. Digvijay Singh Chauhan, Abhinav Adarsh, Basant Kumar, Rajeev Gupta, "Double Secret Key Based Medical Image Watermarking for Secure Telemedicine in Cloud Environment", *Proc TSP-2014*, Barcelona, Spain, pp.660-664, 07/2017.
 3. Abhinav Gupta, Manish Srivastava, Amrith Kumar and Sanjeev Rai, "Analytical model and performance investigation of electric potential for junctionless cylindrical surrounding gate (JLCSG) MOSFET", *SPIN 2017*, Noida, India, pp.256-261, 09/2017, Published by IEEE.
 4. Rahul Jain, Avaneesh K. Dubey, Vikrant Varshney, R. K. Nagaria, "Design of Low-Power High-Speed Double-Tail Dynamic CMOS Comparator using Novel Latch Structure", *Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON-2017)*, GLA University, Mathura, India, pp.223-229, 10/2017, Published by IEEE.
 5. Vivek Saraswat, Ankur Kumar, Pratosh Kumar Pal, R.K.Nagaria, "A Survey on Different Modules of Low-Power High-Speed Hybrid Full Adder Circuits", *Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON-2017)*, GLA University, Mathura, India, pp.334-339, 10/2017, Published by IEEE.
 6. Prabhat Chandra Shrivastava, Prashant Kumar, Manish Tiwari, Amit Dhawan, "A Novel Approach for Low Voltage, Low Power Deep Sub-Threshold 5-T SRAM Cell", *ICETCCT*, Graphic Era Hill University, Dehradun, pp.Accepted, 11/2017, Published by IEEE.
 7. Digvijay Singh Chauhan, Abhinav Adarsh, Basant Kumar, Rajeev Gupta and J P Saini, "Double Secret Key Based Medical Image Watermarking for Secure Telemedicine in Cloud Environment", *International conference on telecommunication and signal processing TSP 2017*, Barcelona, Spain, pp.626-631, 11/2017, Published by IEEE.

8. Prashant Ranjan, Gaurav Upadhyay, Nand Kishore, V. S. Tripathi, V. K. Dwivedi, "UWB Filter with Controllable Notch Band and Higher Stop Band Transmission Zero Using Open Stub in Inverted T-Shaped Resonator", *Asia Pacific Microwave Conference -2017*, Kualalumpur, Malaysia, pp.817-820, 11/2017, Published by IEEE.
9. Prabhat Chandra Shrivastava, Prashant Kumar, Manish Tiwari, Amit Dhawan, "A Survey on the Hardware Realization of 2-D State Space Filtering", *ICETCCT-2017*, Graphic Era Hill University, Dehradun, pp.Accepted, 11/2017, Published by IEEE.
10. Divya Sharma, Shrish Bajpai and Yogendra Kumar Prajapati, "Next generation PON using PM-BPSK and PM-QPSK modulation", *International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2017)*, Aligarh Muslim University (AMU), Aligarh, 11/2017, Published by IEEE.
11. Vaibhav Varshney, Manish Tiwari, "Realization of an FIR Filter using ATMEGA32 Microcontroller.", *ICETCCT*, Graphic Era Hill University, Dehradun, pp.Accepted, 11/2017, Published by IEEE.
12. Akshay Verma, Mamta Khosla, Tarique Rashid, Arvind Kumar, "Grid and Fuzzy based Stable Energy-Efficient Clustering Algorithm for Heterogeneous Wireless Sensor Networks", *IEEE INDICON 2017*, IIT Roorkee., 12/2017, Published by IEEE.
13. Prashant Ranjan, Gaurav Upadhyay, Nand Kishore, V. S. Tripathi, S. Tripathi, "Triple Band Microwave Filter Using Stepped Impedance Line (SIL) and Stub Loaded Resonator with Five Transmission Zeroes", *IMaRC 2017*, Ahemdabad, India, pp.1-3, 12/2017, Published by IEEE.
14. Gaurav Upadhyay, Nand Kishore, Prashant Ranjan, and V. S. Tripathi, "Microstrip Patch Antenna for 24 GHz Application Using Slotted Ground Structure", *Radio and Wireless Symposium (RWW2018)*, USA, pp.1-4, 01/2018, Published by IEEE.
15. Sarika Pal, Narendra Pal, Yogendra Kumar Prajapati and J.P. Saini, "Performance Evaluation of SPR biosensor using Metamaterial over Conventional SPR and Graphene based SPR biosensor", *Fifth International Conference on Signal Processing & Integrated Networks (SPIN 2018)*, Amity University, Noida, 02/2018.
16. Yogesh Kumar Verma, Santosh Kumar Gupta, Varun Mishra, Prateek Kishor Verma, "Surface Potential based analysis of MgZnO/ZnO High Electron Mobility Transistors", *IEEE International Students' Conference on Electrical, Electronics and Computer Sciences(SCEECS)*, MANIT Bhopal 2018, 02/2018, Published by IEEE.
17. Sajal Agarwal and Y. K. Prajapati, "Effect of Substrate on the Performance of Metamaterial Based Absorber", *IEEE International Conference on Microwave and Photonics (ICMAP2018)*, Indian School of Mines, Dhanbad, 02/2018, Published by IEEE.
18. D. Sharma, and Y. K. Prajapati, "Terabit Nyquist superchannel transmission using PM-QPSK subchannels," *IEEE International Conference on Microwave and Photonics (ICMAP2018)*, Indian School of Mines, Dhanbad, 02/2018, Published by IEEE.
19. Varun Mishra, Santosh Kumar Gupta, Yogesh Kumar Verma, Vishal Ramola and Abhishek Bora, "A High-Gain, Low-Power Latch Comparator Design for Oversampled ADCs", *Fifth International Conference on Signal Processing and Integrated Networks, (SPIN 2018)*, Amity University, 02/2018, Published by IEEE.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Rajeev Tripathi	Adhoc Networks, Elsevier IETE Journal of Research, Taylor and Francis International Journal of Electronics, Taylor and Francis West Indian Journal of Engineering Wireless Personal Communication Springer Vehicular Communication, Elsevier

		Journal of Computational Science Optik – International Journal for Light and Electron Optics IEEE Communication Letters
2.	Dr. Yogendra Kr. Prajapati	International journal of Optical Fiber Technology, International journal of Engineering, Science and Technology International journal of Optics Letters, International journal of Silicon, International journal of Physica Scripta, International journal of Journal of Optics. International journal of Progress in Electromagnetic Research International journal of Optics Communications International journal of Infrared Physics & Technology International journal of Sensors & Actuators: B. Chemical
3.	Dr. Basant Kumar	Journal of Information and Computer Security Journal of Intelligent Systems Journal of Information Sciences Journal of Multimedia Tools and Applications
4.	Dr. Santosh Kumar Gupta	Journal of Security and Communication Networks Journal of the Institution of Engineers (INDIA): Series B Microelectronics Journal Wireless Personal Communications International Journal of Electronics Letters Journal of Computational Electronics Semiconductor Science and Technology International Journal of VLSI Design and Communication Systems (VLSIC) Superlattices and Microstructures
5.	Dr. Manish Tiwari	Transactions of the Institute of Measurement and Control Circuit System Signal Processing
6.	Dr. Vijay Shanker Tripathi	Journal of Superconducting
7.	Dr. Arun Prakash	Vehicular Communications, Elsevier Adhoc Networks, Elsevier International Journal of Network and Computer Applications, Elsevier IEEE functions on congrative technology IEEE Access Wireless personal comm. spriger
8.	Dr. Amit Dhawan	Circuits, Systems & Signal Processing Transactions of the Institute of Measurement and Control Circuits, Systems & Signal Processing Transactions of the Institute of Measurement and Control
9.	Dr. V. Krishna Rao	Transactions of the Institute of Measurement and Control
10.	Dr. Ram Awadh Mishra	Journal of Computational Electronics (JCEL) Analog Integrated Circuits & Signal Processing (ALOG)

Book(s)/Book(s) Chapter(s) Authored

SI. No.	Faculty Name	Book	Book Chapter	Publisher
1.	V. Karthikeyan, S. Rajasekar, Vipin Das, P. Karuppanan	Grid-Connected and Off-Grid Solar Photovoltaic System	Green Energy and Technology, Smart Energy Grid Design for Island Countries Challenges and Opportunit	Springer International Publishing

2.	Vipin Das, P. Karuppanan, V. Karthikeyan	Green Energy and Technology, Smart Energy Grid Design for Island Countries Challenges and Opportunit	Energy Grid Management, Optimization and Economic Analysis of Microgrid	Springer International Publishing
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Invited Lectures Delivered

- Lecture delivered by Dr. R. K. Nagaria at Summer Training Program VDES-2016, ECED, MNNIT Allahabad on 06/07/2017 entitled recent trends in Mixed Mode VLSI Circuits and Systems.
- Lecture delivered by Dr. Arun Prakash at Computer science and engineering department, MNNIT Allahabad on 10/07/2017 entitled Challenges & issues in vehicular communications and Networking.
- Lecture delivered by Dr. Yogendra Kumar Prajapati at Faculty Development Program on Advanced in Microwave communication, B.I.E.T., Jhansi on 07/08/2017 entitled Introduction to Bragg waveguide.
- Lecture delivered by Dr. Rajeev Gupta at Workshop on "Antenna design for 5G networks and IoT, Department of EC MNNIT Allahabad on 23/09/2017 entitled Basics of Scattering Parameters and Smith Chart.
- Lecture delivered by Dr. Vijay Shanker Tripathi at International conference on advances in recent technologies in electrical & electronics, Bansal College of Engineering, Bhopal on 27/10/2017 entitled "Advances in wireless communication systems".
- Lecture delivered by Dr. Yogendra Kumar Prajapati at "Advances modelling of microwave and photonics devices (AMMPD-2018), Madan Mohan Malaviya University of Technology, Gorakhpur, U.P. on 06/03/2018 entitled Advances on Optical Communication and Devices.

Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Summer Training Program	VLSI design and Embedded System (VDES-2017), ECED, MNNIT, Allahabad	14/06/2017	15/07/2017
2.	Workshop	VLSI Design and Embedded System (VDES-2017), MNNIT Allahabad	14/06/2017	15/07/2017
3.	Workshop	Communication and Antenna Design for IoT (CADIT), ECED, MNNIT Allahabad	22/09/2017	27/09/2017
4.	Workshop	User Awareness Workshop (UAW-2017) on Changing Landscape of Textbooks: Transition to eBooks, Central Library MNNIT Allahabad	04/11/2017	04/11/2017

Events Attended

- Dr. Rajeev Gupta attended International conference on TSP 2017 at Barcelona, Spain on/during 05/07/2017 to 07/07/2017.
- Dr. Sanjeev Rai attended International conference on ICECDS 2017 at Chennai, India on/during 01/08/2017 to 02/08/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration (Status)
1.	Dr. Karuppanan P. (Co-PI)	Implementation of fast charging/discharging PHEVs integrated with modern UPS for peak demand reduction in distributed system	CSIR: San. No.22(0703)/15/EMR-II dated 23/11/2015	Rs.23,05,200	Ongoing

2.	Dr. Arun Prakash(PI)	Wireless Sensor Network (WSN) Routing for Industrial Application: Algorithm Design and Hardware	Council of Science & Technology	Rs.6.8 lakhs	Ongoing
3.	Dr. Vijaya Bhadauria (PI) Dr. Santosh Kumar Gupta (Co-PI)	Special Manpower Development Program Chip to System Design (SMDP-C2SD)	Ministry of Electronics and Information Technology (Meity)	Rs.99.72 lakhs	Ongoing
4.	Dr. Vijay Shanker Tripathi(PI)	Design and Development of a patch antenna based non-invasive blood sugar monitoring system	Council of Science and Technology, U.P	Rs.8,94,000	Ongoing
5.	Dr. Yogendra Kumar Prajapati (PI)	Role of graphene and MoS2 on performance of surface plasmon resonance based sensors: An application to biosensing	Board of Research in Nuclear Sciences (BRNS)	Rs.20,21,900	Ongoing
6.	Dr. Basant Kumar (Co-PI)	Modeling, Simulation & Development of Smart Active Ankle Foot Orthotic Device for Gait Rehabilitation	Department of Biotechnology (DBT), Govt. of India	Rs.17.83 lakhs	Ongoing
7.	Dr. Yogendra Kumar Prajapati (Co-PI)	Setup an Optical Communication Laboratory	Universities and Higher Educational Institutions (FIST)	Rs. 1.15 Crore	Ongoing
8.	Dr. Rajeev Tripathi (Co-PI)	To develop a testbed based on Magnetic Induction (MI) communications for agricultural soil condition monitoring (water concentration, minerals, and toxic chemicals)	Meity, Gol	Rs.4100000	Ongoing
9.	Dr. Arun Prakash (PI)	Experimental Investigation of Multihop Sensory Data Collection for Networking Applications	MNNIT Allahabad	Rs.2 lakhs	Ongoing
10.	Dr. Basant Kumar (PI)	Design of Neural Network based Pacemaker	Department of Biotechnology (DBT), Govt. of India	Rs.69.64 lakhs	Ongoing
11.	Dr. Santosh Kumar Gupta (PI)	To develop and Test FPGA based low power wireless sensor network with front end and receiver modules	MNNIT Allahabad	Rs.2 lakh	Ongoing
12.	Dr. Yogendra Kumar Prajapati (PI)	Design and Study of Sensitivity of optical biosensors having Metamaterials	Science and Engineering Research Board, Department of Science & Technology, New Delhi, India	Rs.23.39 Lakh	Completed on 31/08/2017
13.	Dr. Yogendra Kumar Prajapati (PI)	Design an optical sensor using graphene/MoS2 for biomedical application	Motilal Nehru National Institute of Technology (MNNIT), Allahabad,	Rs.0.50 Lakh	Completed on 11/09/2017
14.	Dr. Karuppanan P. (PI)	Design and Development of an FPGA Controller for PEM Fuel Cell Power Systems	DAE, BRNS; San. No. 34/14/53/2014-BRNS dated 12/12/2014	Rs.18,89,200	Completed on 03/2018

10.9 GIS CELL

Vision

To establish an identity in the area of geoinformatics amongst national and international academic and research organizations through knowledge creation, acquisition and dissemination for the benefit of Society and National development.

Mission

To provide quality education and interdisciplinary research leading to M.Tech.and Ph.D. degree in GIS and Remote Sensing, which produces globally acceptable skilled manpower. To generate and disseminate knowledge and technologies essential to the local and global needs in the field of geoinformatics.

Publication in International Journals

1. Sonam Agrawal, R. D. Gupta, "Web GIS and its architecture: a review", *Arabian Journal of Geosciences*, vol.10, Issue 518, pp.1-13, 12/2017, Published by Springer Berlin Heidelberg, (SCI, IF = 0.955).

Publication in International Conferences

1. Sonam Agrawal and R. D. Gupta, "Application of Image Analysis in Land-Use and Land-Cover Assessment around Schools for Planning and Development", CGI '17, Yokohama, Japan, pp.1-4, 06/2017, Published by ACM.
2. Dwivedi, R., Narayan, A. B., Tiwari, A., Dikshit, O., and Singh, A. K., "Multitemporal SAR Interferometry for landslide monitoring", XXIII ISPRS Congress 2016, Prague, Czech Republic, 06/2017, Published by International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Mr. Manohar Yadav	Journal of Surveying Engineering Journal of Applied Remote Sensing

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration (Status)
1.	Mr. Ramji Dwivedi (Co-PI)	Multi-sensor approach for landslide monitoring	NRDMS, DST	Rs.36.44 lakhs	Ongoing
2.	Mr. Ramji Dwivedi (PI)	Landslide inventory preparation using MT-InSAR	NRDMS, DST	Rs.20.44 lakhs	Ongoing

10.10 DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

Vision

To be a provider of nationally competitive, high quality skilled human resource in promotion of socio-economic and developmental activities, appropriate to the enrichment of quality of life of the common people, along with achieving the target of sustainable growth.

Mission

To inculcate socio-economic and cultural ethos amongst the budding young professionals by enhancing their competence and efficiency.

Publication in International Journals

1. Ravindra Tripathi & Aiyaz Aamir, "Environmental Accounting in India: An analytical perspective", *Indian Journal of Environmental Protection*, pp.605-609, 07/2017, Published by Kalpana Corporation, (Scopus).
2. J. K. Kushwaha & Ambalika Sinha, (2017) Education system in India. *International Journal of Research in Economics and Social Sciences* ISSN(o): 2249-7382, I Factor vol.7, Issue 9, pp.572-577, 09/2017, Published by euroasiapub, (IF = 6.225).

Invited Lectures Delivered

- Lecture delivered by Dr. Ravindra Tripathi at Academic- Invited Lecture, Sam Higginbottom University of Agriculture, Technology Sciences,

Allahabad on 21/08/2017 entitled Steps in the Process of Research- Problem Selection, Formulation and Planning.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration (Status)
1.	Dr. Ravindra Tripathi(PI)	Strategies for Development of Handicrafts Sector in India: An Empirical Study of Handicrafts Sector in UP	ICSSR, New Delhi	Rs.3,15,000	Ongoing

10.11 DEPARTMENT OF MATHEMATICS

Vision

Achieving excellence in Teaching–Learning and Research among National and international academic and research organizations to nurture mathematics for engineering and as an independent science.

Mission

Mathematics department will achieve its vision by offering well–balanced curriculum to acquire professional competencies and transferable skills bringing innovations in Teaching-Learning process through effective content delivery and appropriate assessment methods catalyzing the research activities of both faculty members and students through research projects etc.

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Srinivasrao Thota	2010RMA57	A Study on Symbolic Algorithms for Solving Ordinary and Partial Linear Differential Equations	Dr. Shiv Datt Kumar
2.	Parveen Kumar Sahu	2013RMA02	Shock Waves in Rotating and Non-Rotating Medium	Dr. Gorakh Nath
3.	Dr. Bhupesh Dutta Sharma	2013RMA03	A Study on some Physiological flow problems	Dr. Pramod Kumar Yadav

Publication in International Journals

- G. Nath and P. K. Sahu, "Propagation of a cylindrical shock wave in a mixture of a non-ideal gas and small solid particles under the action of monochromatic radiation", *Combustion, Explosion, and Shock Waves*, vol.53, Issue 3, pp.298-308, 05/2017, Published by Springer, (SCI, IF = 0.889).
- Pitam Singh, Saru Kumari & Priyamvada Singh, "Fuzzy efficient interactive goal programming approach for multi-objective transportation problems", *International Journal of Applied and Computational Mathematics*, vol.3, Issue 2, pp.505-525, 05/2017, Published by Springer.
- B. Vasu, Ch. Ram Reddy, P.V.S.N. Murthy and Rama S R Gorla, "Entropy Generation Analysis in Nonlinear Convection Flow of Thermally Stratified

- Fluid in Saturated Porous Medium with Convective Boundary Condition", ASME-Journal of Heat Transfer*, vol.139, Issue 9, pp.091701-1(1, 05/2017, Published by The American Society of Mechanical Engineers (ASME), (SCI, IF = 1.866).
- B Vasu, Rama S. R. Gorla, PVS N Murthy, "Thermophoresis on Boundary Layer Heat and Mass Transfer Flow of Walters-B Fluid past a Radiate Plate with Heat Sink/Source", *Heat and Mass Transfer*, vol.53, Issue 5, pp.1553-1570, 05/2017, Published by Springer Berlin Heidelberg, (SCI, IF = 1.233).
- O. Anwar Beg, V. R. Prasad, B. Vasu and R S R Gorla, "Computational Modelling of Magneto hydrodynamic Convection from A Rotating Cone in Orthotropic Darcian Porous Media", *Journal of the*

- Brazilian Society of Mechanical Sciences and Engineering*, vol.39, Issue 6, pp.2035-2054, 06/2017, Published by Springer Berlin Heidelberg, (SCI, IF = 1.235).
6. Rubi Arya, Pitam Singh, "Fuzzy parametric iterative method for multi-objective linear fractional optimization problems", *Journal of Intelligent and Fuzzy Systems*, vol.32, pp.421-433, 06/2017, Published by IOS, (SCI, IF = 1.261).
 7. Mukund Pratap Singh, Pitam Singh, "Multi-criteria GIS Modeling for optimum route alignment planning in outer region of Allahabad City", *Arab. J. Geosci.*, vol.10, pp.294, 07/2017, Published by Springer, (SCI, IF = 0.955).
 8. Bhupesh Dutt Sharma, Pramod Kumar Yadav, "A Two-Layer Mathematical Model of Blood Flow in Porous Constricted Blood Vessels", *Transport in porous media (2017)*, <https://doi.org/10.1007/s11242-017-0918-9>, 08/2017, Published by Springer, (SCI, IF = 2.205).
 9. Mukesh Kumar, Dig Vijay Tanwar and Raj Kumar, "On closed form solutions of (2+1)-breaking soliton system by similarity transformations method", *Computers & Mathematics with Applications*, pp.--, 08/2017, Published by Elsevier, (SCI, IF = 1.531).
 10. Sharma, B. D., Yadav, P. K. and Filippov, A. N., "A Jeffrey-Fluid Model of Blood Flow in Tubes with Stenosis", *Colloid Journal*, vol.79, Issue 6, pp.849-856, 09/2017, Published by Springer, (SCI, IF = 0.859).
 11. Sumit Kumar Upadhyay, Shiv Datt Kumar, Raja Sridharan, "Projective modules and efficient generation of ideals over Laurent polynomial rings", *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, vol.87, Issue 3, pp.349-353, 09/2017, Published by Springer, Publication, (SCI).
 12. Mukesh Kumar, Atul Kumar and Raj Kumar, "Some more solutions of Kadomtsev-Petviashvili equation", *Computers & Mathematics with Applications*, pp.--, 09/2017, Published by Elsevier, (SCI, IF = 1.531).
 13. Deepak Bhati, Pitam Singh & Rubi Arya, "A taxonomy and review of the multi-objective fractional programming (MOFP) problems", *International Journal of Applied and Computational Mathematics*, vol.3, Issue 3, pp.2695-2717, 09/2017, Published by Springer.
 14. Mamta Balodi, Hua-Lin Huang, Shiv Datt Kumar, "On the classification of finite quasi-quantum groups", *Reviews in Mathematical Physics*, vol.29, Issue 10, pp.1730003, 10/2017, Published by World Scientific, Singapore, (SCI, IF = 1.426).
 15. Jyoti Singh, Shiv Datt Kumar, "Mathematical Counterpart of the Heisenberg Uncertainty Principle", *Reports on Mathematical Physics*, vol.80, Issue 2, pp.160-176, 11/2017, Published by Elsevier Publication, (Scopus, IF = 0.870).
 16. Tiwari, A., Yadav, Pramod Kumar and Singh, P., "Stokes flow through assemblage of non-homogeneous porous cylindrical particles using cell model technique", *National Academy Science Letters*, vol.41, Issue 1, pp.53-57, 11/2017, Published by Springer publisher, (SCI, IF = 0.369).
 17. Deepak Bhati, Pitam Singh, "Branch and bound computational method for multi-objective linear fractional optimization problem", *Neural Computing and Applications*, vol.28, Issue 11, pp.3341-3351, 11/2017, Published by Springer, (SCI, IF = 2.505).
 18. Yadav, Pramod Kumar, Tiwari, A. and Singh, P., "Hydrodynamic permeability of a membrane built up by spheroidal particles covered by porous layer", *Acta Mechanica*, vol.229, Issue 4, pp.1869-189, 12/2017, Published by Springer publisher, (SCI, IF = 1.851).
 19. G. Nath, M. Dutta and R. P. Pathak,, "An exact solution for the propagation of shock waves in self-gravitating medium in the presence of magnetic field and radiative heat flux", *Modelling, Measurement and Control B*, vol.86, Issue 4, pp.907-927, 12/2017, Published by AMSE Journals-AMSE IETA publication, (SCI).
 20. Garima Mishra, Manoj Kumar, "Numerical simulation of quasilinear elliptic singular perturbation using nonvariational finite element method.", *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, 12/2017, Published by Springer, (SCI, IF = 0.425).
 21. G. Nath and P. K. Sahu, "Flow behind an exponential shock wave in a rotational axisymmetric non-ideal gas with conduction and radiation heat flux", *International Journal of*

- Applied and Computational ...*, vol.3, Issue 4, pp.2785-2801, 12/2017, Published by Springer.
22. Sharma, B.D., Yadav, Pramod Kumar, "A Mathematical Model of Blood Flow in Narrow Blood Vessels in Presence of Magnetic Field", *National Academy Science Letters*, 12/2017, Published by Springer publisher, (SCI, IF = 0.369).
 23. Yadav, Pramod Kumar, "Motion through a non-homogeneous porous medium: Hydrodynamic permeability of a membrane composed of cylindrical particles", *The European Physical Journal Plus*, vol.133, Issue 1, pp.doi.org/10, 01/2018, Published by Springer publisher, (SCI, IF = 1.753).
 24. G. Nath, R. P. Pathak and M. Dutta, "Similarity solutions for unsteady flow behind an exponential shock in a self-gravitating non-ideal gas with azimuthal magnetic field", *Acta Astronautica*, vol.142, pp.152-161, 01/2018, Published by Elsevier, (SCI, IF = 1.536).
 25. Rubi Arya, Pitam Singh, Deepak Bhati, "A Fuzzy based branch and bound approach for multiobjective linear fractional (MOLF) optimization problems", *Journal of Computational Science*, vol.24, pp.54-64, 01/2018, Published by Springer, (SCI, IF = 1.748).
 26. Kalyan Chakraborty, Abhishek Juyal, Shiv Datt Kumar, Bibekananda Maji, "An asymptotic expansion of a Lambert series associated to cusp forms", *International Journal of Number Theory*, vol.14, Issue 1, pp.289-299, 01/2018, Published by World Scientific Publishing Europe(DOI: 10.1142/S1793042118500173), (SCI, IF = 0.527).
 27. Yadav, Pramod Kumar and Jaiswal, S, "Influence of an inclined magnetic field on the Poiseuille flow of immiscible Micropolar-Newtonian Fluids in the Porous Medium", *Canadian journal of physics*, 02/2018, (SCI, IF = 0.724).

Publication in National Journals-Nil

Publication in International Conferences

1. G. Nath, M. Dutta and R. P. Pathak, "Exact solution of shock waves in non-ideal gas with magnetic field and radiation flux under the influence of gravitational field", *Advances in Mechanical, Industrial, Automation and Management Systems (AMIAMS)*, 2017, MNNIT Allahabad, 10/2017, Published by IEEE Xplore.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Shiv Datt Kumar	Mathematical Reviews/MathSciNet (Reviwer No. - 098594). International Journal of Information Technology & Decision Making Turkish Journal of Mathematics Communications in Algebra Springer Plus, SCI Joournal Journal of Computational Science National Academy Science Letters Journal of Computational Science Italian journal of pure and applied Mathematics
2.	Dr. Buddakkagari Vasu	International Journal of Applied Mathematics and Mechanics Journal of Applied Fluid Mechanics Open Thermodynamics Journal Journal of Computational Design and Engineering Ain Shams Engineering Journal International Journal of Numerical Methods for Heat and Fluid Flow Proceedings of the National Academy of Sciences, India Section A: Physical Sciences International Journal of Fluid Mechanics Research International Conference on Computational Heat and Mass Transfer – 2015 Journal of Nanofluids Indian Journal of Physics Neural Computing and Applications

		Thermal Science and Engineering Progress Heat and Mass Transfer Journal of Thermophysics and Heat Transfer International Journal Heat and Mass Transfer Physics of Fluid Acta Astronautica Geophysical and Astrophysical Fluid Dynamics Journal of Astrophysics and Astronomy Communication in Nonlinear Sci. Numerical Simulation Computer & Mathematics with Application
3.	Dr. Gorakh Nath	International Journal of Nonlinear Sciences and Numerical Simulation Information Security Journal: A Global Perspective 2. Transactions on Emerging Telecommunications Technologies Journal of Internet Technology International Journal of Communication system International Journal of Computer Mathematics: Computer Systems Theory International Journal of Information security Science IEEE Access Journal of Internet Technology
4.	Dr. Sahadeo Padhye	

Book(s)/Chapter(s) Authored

Sl. No.	Faculty Name	Book	Book Chapter	Publisher
1.	Atul Kumar Ray and B. Vasu	Applications of Fluid Dynamics	Hydrodynamics of non-Newtonian Spriggs Fluid Flow Past an Impulsively Moving Plate	Springer
2.	B. Vasu, C. Sudhakar and V Ramachandra P	Numerical Simulations of Thermophoresis in a Walter -B Fluid Flow		Lambert Academic Publishing

Invited Lectures Delivered

- Lecture delivered by Dr. Gorakh Nath at national conference NCRTMS-16, 12-13 April 2016, Organized by Department of Applied Science, MMM University of Technology, Gorakhpur, Chairman NCRTMS-16 and Head Department of Applied Science, MMM University of Technology, Gorakhpur on 12/04/2017 entitled Role of mathematical sciences in engineering and technology.
- Lecture delivered by Dr. Shiv Datt Kumar at Training Program of in service TGT Mathematics Teachers, Kendriya Vidyalay, Old Cant Allahabad on 17/05/2017 entitled KVPY & Mathematical Olympiad: Mathematical Ideas and its applications.
- Lecture delivered by Dr. Sahadeo Padhye at National Instructional Workshop on Cryptology (NIWC2017), Department of Mathematics, LNMIIT, Jaipur, Rajasthan on 06/07/2017 entitled Public Key Cryptosystem.
- Lecture delivered by Dr. Shiv Datt Kumar at International Conference of Infinite and finite dimensional Complex Analysis and its applications, Anand International College of Engineering Jaipur on 22/08/2017 entitled Integrability theorem for Weyl Algebra and its relation with Heisenberg Uncertainty Principle.
- Lecture delivered by Dr. Sahadeo Padhye at National Workshop on Cryptography and Network Security, Govt. N.P.G. College of Science, Raipur (Chhattisgarh). on 05/10/2017 entitled Cryptosystems: Classical to Modern.
- Lecture delivered by Dr. Shiv Datt Kumar at National Workshop LTMTA-2017, NIT Nagaland Dimapur on 12/12/2017 entitled Rational and Jordan Canonical Forms.
- Lecture delivered by Dr. Shiv Datt Kumar at National Workshop LTMTA-2017, NIT Nagaland Dimapur on 13/12/2017 entitled "Groebner basis and it applications.

8. Lecture delivered by Dr. Sahadeo Padhye at two days seminar on "Quadratic Form and Arithmetic" in the occasion of National Mathematics Day, Department of Mathematics, MNNIT Allahabad on 22/12/2017 entitled Number theory for Secure Communications.
9. Lecture delivered by Dr. Shiv Datt Kumar at Short term course on "Algebra, Analysis and Applications-2017" during 3-9 July, 2017, IIT, BHU, Varanasi on 07/2017 entitled Projective modules, Unimodular rows and and Representations" and Amalgamated product of Braids and Thompson group.

Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Two days seminar in the occasion of National Mathematics Day	"Quadratic Form and Arithmetic", Department of Mathematics, MNNIT Allahabad	22/12/2017	23/12/2017
2.	Expert Lecture by Prof Dipendra Prasad, TIFR Mumbai	Number Theory at the Confluence of Mathematics, MNNIT Allahabad	15/03/2018	15/03/2018

Events Attended

1. Dr. Sahadeo Padhye attended International conference on International Conference on Mathematics and Application at Department of Mathematics, Ramjas College, University of Delhi on/during 26/04/2017 to 28/04/2017.
2. Dr. Gorakh Nath attended International conference on Asia-Pacific Regional IAU Meeting at Taipei, Taiwan on/during 03/07/2017 to 07/07/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Pramod Kumar Yadav(Co-PI)	Flow through a membrane modeled of porous cylindrical particles using Particle-in-cell approach	DST, New Delhi	Rs.12.86 lacs	Ongoing
2.	Dr. Sahadeo Padhye(Co-PI)	Computer added technique for diseases diagnosis: noninvasive approach of disease detection using Iris Image	Chattisgarh Council of Science and Technology (CCST)	Rs.287 000	Ongoing
3.	Dr. Pitam Singh (PI)	Social Priority Based Urban Road Transport System using GIS and DEA: Performance Assessment and Designing for Major Cities of Uttar Pradesh(India)	ICSSR, MHRD	Rs.8,00,000	Ongoing
4.	Dr. Pramod Kumar Yadav(PI)	"Hydrodynamics modelling of Complex porous membranes and their applications in engineering sciences	SERB, Govt. of India	Rs.8,08,500	Ongoing
5.	Dr. Pitam Singh (PI)	Sum of Fractional Multi-objective Programming Problems	SERB-DST	Rs.11,00,000	Ongoing
6.	Dr. Buddakkagari Vasu(PI)	Mathematical Simulations of Nanoparticles as Drug Carrier on Blood Flow through a Stenotic Artery	Science and Engineering Research Board (SERB)	Rs.2280520	Ongoing

7.	Dr. Buddakkagari Vasu(PI)	Hydrodynamics of Falling Film Flow of non-Newtonian Nanofluids	University Grants Commission	Rs.300000	Completed on 03/2018
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Other Relevant Information

1. Dr. Buddakkagari Vasu received The Early Career Research (ECR) Award by SERB-DST on 06/2017.
2. Dr. Shiv Datt Kumar received Dewang Mehta National Education Awards for Best Professor in Mathematics (Regional round) from Dy Chief Minister of U.P. Dr. Dinesh Sharma at Lucknow on 09/2017.
3. Dr. Shiv Datt Kumar was Guest of Hounor in the International conference on Recent Trends in Engineering & Management during August 11-12, 2017 at Vindhya Institute of Technology and Science, Satna, MP on 11/2017.

10.12 DEPARTMENT OF MECHANICAL ENGINEERING

Vision

To be a centre of excellence in Mechanical Engineering education and research for the benefit of global society and humanity.

Mission

To educate and develop human resources for industry, academia and research and development. To push the frontiers of search skills in graduates and develop new paradigms in research for PG and Ph. D. programs. To develop products, processes and technology for the benefit of the society in collaboration with industry and commerce. To enhance the efforts for preparing job ready engineers and competent entrepreneurs

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Kishore Guru	2011RAM02	Modeling and Simulation Studies of CNT Reinforced Nanocomposites: A Hybrid Approach	Dr. S. B. Mishra
2.	Rajesh Prasad Verma	2009RME60	Optimization of GMA Welding Process Parameters to Fabricate Joints of Dissimilar AA5083-O/AA6061-T6 Aluminium Alloys and Fatigue Crack Growth Analysis	Dr. K. N. Pandey
3.	Jitendra Narayan Gangwar	2013RME51	Performance, Combustion and Emission Characteristics of a Diesel Engine Fueled with Ether/Alcohol/Diesel Blends	Dr. Samir Saraswati
4.	Pawan Kumar Singotia	2010RME59	A comparative study of cycle-by-cycle variations in a spark ignition engine fuelled with gasoline/natural gas	Dr. Samir Saraswati
5.	Bitla Venu	2012RME51	Development of STEP-Based Feature Recognition Interface for Prismatic Parts having Elementary, B-Spline and Swept Surfaces	Dr. V. Rao Komma
6.	Shamsul Haq	2013RME01	Experimental Investigations of Wood Thermoplastic Composites for Sustainable Product Application	Dr. Rajeev Srivastava
7.	Hemant Kumar Singh		Some Studies on Energy Saving through Building Insulation	Dr. Ravi Prakash
8.	Sunil Kumar Gupta	2012RME53	Effect of Nano-alumina on Mechanical Properties of Epoxy adhesive: Experimental and Finite Element Analysis	Dr. Dharmendra K. Shukla

Publication in International Journals

1. D Kumar, K N Pandey, "Fracture Behavior of GMA Welded Joints of Dissimilar and Similar Aluminum

Alloys of 6061-T6/5083-O", Journal of Failure Analysis and Prevention, vol.17, Issue 2, pp.248-254, 04/2017, Published by Springer, (Scopus).

2. Ravindra Nath Yadav and Vinod Yadava, "Machining of Hybrid-Metal Matrix Composite using Erosion-Abrasion based Compound Wheel in Electrical Discharge Grinding", *Particulate Science and Technology*, vol.35, Issue 4, pp.494-504, 04/2017, Published by Taylor and Francis, (SCI).
3. Ajay Suryavanshi, Vinod Yadava and Audhesh Narayan, "Modeling and Multi-Response Optimization of Sinking Micro-Electrical Discharge Machining of AISI 4140 Steel," *International Journal of Industrial and Systems Engineering*, vol.26, Issue 3, pp.397-424, 05/2017, Published by Inder Science, (Scopus).
4. M. K. Gupta, Vipul Deep, "Effect of stacking sequence on flexural and dynamic mechanical properties of hybrid sisal/ glass polyester composite", *American Journal of Polymer Science & Engineering*, vol.5, pp.53-62, 05/2017, Published by Ivy Union Publishing.
5. Param Singh, Vinod Yadava and Audhesh Narayan, "Machining performance characteristics of Inconel 718 superalloy due to hole-sinking ultrasonic assisted micro-EDM", *Journal of Advanced Manufacturing Systems*, 06/2017, Published by World Scientific, (Scopus).
6. M. K. Gupta, R. K. Gond, "Influence of concentrations of alkali treatment on mechanical and dynamic mechanical properties of hemp/polyester composite", *American Journal of Polymer Science & Engineering*, vol.5, pp.24-33, 06/2017, Published by Ivy Union Publishing.
7. Ram Singar Yadav and Vinod Yadava, "Experimental Investigations on Electrical Discharge Diamond Peripheral Surface Grinding (EDDPSG) of Hybrid Metal Matrix Composite", *Journal of Manufacturing Processes*, vol.27, pp.241-251, 06/2017, Published by SME, (SCI, IF = 2.322).
8. Nitesh Kumar Dixit, Rajeev Srivastava, Rakesh Narain, "Improving surface roughness of the 3D printed part using electroless plating", *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, pp.1-13, 07/2017, Published by Sage, (SCI, IF = 1.625).
9. Verma, T., Bhore, S. P., "Finite element analysis of gas turbine rotor with base excitation", *International Journal of Mechanical Engineering and Technology*, vol.8, Issue 8, pp.1362-1369, 07/2017, (SCI).
10. Manish Gupta, "Revised Technology Acceptance Model Framework for M-Commerce Adoption", *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering*, vol.11, Issue 7, pp.1607-1611, 07/2017, Published by waset.
11. Parul Sahu & M K Gupta, "Sisal (Agave Sisalana) Fibre and its Polymer Based Composites: A Review on current developments", *Journal of Reinforced Plastics and Composites*, 08/2017, Published by Sage, (SCI, IF = 1.28).
12. Pallvita Yadav, Vinod Yadava and Audhesh Narayan, "Experimental Investigation for Kerf Characteristics due to Wire Electrochemical Spark Cutting of Alumina Epoxy Nanocomposite", *Journal of Mechanical Science and Technology*, 09/2017, Published by Springer, (SCI).
13. Surendra K. Saini, Avanish K. Dubey, Piyush Pant, B. N. Upadhyay and A. Choubey, "Study of Laser Drilled Hole Quality of Yttria Stabilized Zirconia", *Lasers in Manufacturing and Materials Processing*, vol.4, Issue 3, pp.121-135, 09/2017, Published by Springer US (SCI).
14. Param Singh, Vinod Yadava and Audhesh Narayan, "Parametric Study of Ultrasonic Assisted Hole Sinking Micro-EDM of Titanium Alloy", *International Journal of Advanced Manufacturing Technology*, 09/2017, Published by Springer, (SCI).
15. S. B. Mishra, K. Chandra, S. Prakash, "Studies on Erosion-corrosion behaviour of plasma sprayed Ni3Al coating in a coal-fired thermal power plant environment at 540oC", *Anti-Corrosion Methods and Materials*, vol.64, Issue 5, pp.540 - 549, 09/2017, Published by Emerald Insight, (SCI, IF = 1.521).
16. M K Gupta, "Effect of frequencies on dynamic mechanical properties of hybrid jute/sisal fibre reinforced epoxy composite", *Advances in Materials and Processing Technologies*, vol.3, Issue 4, pp.651-664, 09/2017, Published by Taylor & Francis, (SCI).
17. Inayatullah, Rakesh Narain, "Analysis of Interactions among the Enablers of Mass

- Customization: An Interpretive Structural Modelling Approach*", *Journal of Modelling in Management*, 09/2017, Published by Emerald, (Scopus).
18. B. Venu, V. R. Komma, "STEP-Based Feature Recognition from Solid Models having Non-Planar Surfaces", *International Journal of Computer Integrated Manufacturing*, vol.30, Issue 10, pp.1011-1028, 10/2017, Published by Taylor and Francis, (SCI, IF = 1.949).
 19. Bisaria Himanshu and Shandilya Pragya, "Experimental Studies on Electrical Discharge Wire Cutting Performance of Ni-rich NiTi Shape Memory Alloy", *Material and Manufacturing Processes*, vol.33, Issue 9, pp.977-985, 10/2017, Published by Taylor and Francis, (SCI, IF = 2.274).
 20. Husain D, Shukla S, Umrao V K, Prakash R, "Thermal Load Reduction with green building envelope", *Open Journal of Energy Efficiency*, vol.6, pp.112-127, 11/2017, Published by Scientific Research Publishing.
 21. Reddy, A. S., Agarwal, P. K. and Chand, S., "Application of principal component analysis for the fault detection and diagnosis of active magnetic bearings", *International Journal of Advanced Mechatronic Systems*, vol.7, Issue 4, pp.245-255, 11/2017, Published by Inderscience, (SCI).
 22. M. K. Gupta, R. K. Gond, "Enhancement in properties of hemp/polyester composite by different chemical treatments", *Indian Journal of Fibre & Textile Research*, 12/2017, Published By National Institute of Science Communication and Information Resources, (SCI, IF = 0.45).
 23. M. K. Gupta, Rohit Singh, "Flexural and Dynamic Mechanical Analysis (DMA) of Polylactic Acid (PLA) Coated Sisal Fibre Reinforced Polyester Composite", *Materials Today: Proceedings*, 12/2017, Published by Elsevier, (Scopus, IF = 0.71).
 24. Suryavanshi, V. Yadava and A. Narayan, "Modelling and multi-response optimisation of sinking micro-electrical discharge machining of AISI 4140 steel", *International Journal of Industrial and Systems Engineering*, vol.26, Issue 3, pp.397-424, 2017, Published by Elsevier, (Scopus).
 25. P. Pal, P. Yadav, R. Dev, D. Singh, "Performance analysis of modified basin type double slope multi-wick solar still", *Desalination*, vol.422, Issue 2017, pp.68-82, 2017, Published by Elsevier, (SCI, IF = 5.527).
 26. S. P. Bhore and A. K. Darpe, "Nonlinear transient stability analysis of meso scale rotor supported on gas foil journal bearings", *Journal of Vibration Engineering and Technologies*, 01/2018, (SCI).
 27. Kirti Tewari, Rahul Dev, "Analysis of modified solar water heating system made of transparent tubes & insulated metal absorber", *EVERGREEN Joint Journal of Novel Carbon Resources Sciences & Green Asia Strategy*, vol.5, Issue 1, pp.62-72, 03/2018, Published by Green Asia Education Center, Kyushu University, Japan, (Scopus, IF = 0.62).
 28. Piyush Pal, Ajaya Ketan Nayak, Rahul Dev, "A modified double slope basin type solar distiller: Experimental and Enviro-Economic Study", *EVERGREEN Joint Journal of Novel Carbon Resources Sciences & Green Asia Strategy*, vol.5, Issue 1, pp.52-61, 03/2018, Published by Green Asia Education Center, Kyushu University, Japan, (Scopus, IF = 0.62).

Publication in National Journals-Nil

Publication in International Conferences

1. K N Pandey and Saurabh Kumar Gupta, "Study of Effect of R-ratio and overload on fatigue crack growth using Artificial Neural Network", *International Conference on Mechanical, System and Control Engineering (ICMSC 2017)*, St.Petersburg, Russia, 05/2017, Published by IEEE explore.
2. Paul B. and Datta A, "Existence of Nano-Organic Carbon Particles below the Size Range of 10 nm in the Indoor Air Environment", *World Academy of Science, Engineering and Technology, ICTPTE 2017: 19th International Conference on Thermal Power and Thermal Energy*, Singapore, 07/2017, Published by Conference Proceedings, Singapore SG Jul 04-05, 2017, 19 (7) Part I.
3. R. Dev, K. Tiwari, D. Singh, "Theoretical Analysis of a proposed Solar Water Heating System Made of Non-Metallic Materials", *17th International Conference on Researches in Science & Technology (ICRST)*, Bangkok, Thailand, 07/2017.
4. Manish Gupta, "Revised Technology Acceptance Model (TAM) Framework for M-Commerce

- Adoption", 19th International Conference on Industrial Engineering and Management Sciences (ICIEMS 2017), Singapore, pp.57-61, 07/2017, Published by Waset.*
5. Rouniyar Arun Kumar and Shandilya Pragya, "Multi-Objective Optimization using Taguchi and Grey Relational Analysis on Machining of Ti-6Al-4V Alloy by Powder Mixed EDM Process", *International Conference on Advances in Materials and Manufacturing Applications*, Amrita Vishwa Vidyapeetham, Bengaluru, 08/2017.
 6. Param Singh, Vinod Yadava and Audhesh Narayan, "Comparative Experimental Study of Drilling micro-EDM without and with Ultrasonic Vibration on Inconel 718 Superalloy", *10th International Conference on Precision, Meso, Micro, and Nano Engineering (COPEN), Manufacturing Engineering Section, Department of Mechanical Engineering, IIT Madras, Chennai, Tamilnadu, India, December 6-9 2017, 10/2017.*
 7. Mayank Agarwal, Rajeev Srivastava, "Processing effect of powder chip based reinforcement in AA6061 semisolid cast composite", *International Conference on Mechanical Materials and Renewable Energy*, 12/2017, Published by IOP Conference Series.
 8. Bisaria Himanshu and Shandilya Pragya, "Electrical Discharge Wire Cutting Performance of Ni55.95Ti44.05 Shape Memory Alloy", *COPEN-10, IIT Madras, Madras, pp.987-990, 12/2017.*
 9. R. Dev, A. Bharti, "Estimation of Performance of Proposed Room Designed on Solar Architectural Concepts", *2nd International Conference on Renewable Energy and Environmental Engineering (ICREEE 2017), Godavari academy of science and Technology, Khajuraho (UNESCO World Heritage Site), pp.26, 12/2017, Published by Basha Research Corporation, Hyderabad, India.*
 10. Mohd Avesh, Rajeev Srivastava, "Fuzzy Logic Controller Implementation in Active Suspension System with Appropriate and Smallest Rule", *Icovp, 13th International Conference on Vibration Problems, Indian Institute of Technology Guwahati, INDIA, 12/2017,*
 11. Mohd Avesh, Rajeev Srivastava, Rahul Mankotia, "Single Parameter Optimization of a Linear Full Vehicle Suspension Model Using Genetic Algorithm", *Icovp, 13th International Conference on Vibration Problems, Indian Institute of Technology Guwahati, INDIA, 12/2017.*
 12. P. Pal, R. Dev, "Performance study of modified basin type single slope solar distiller", *1st International Conference on New Frontiers in Engineering, Science & Technology (NFEST-2018), Delhi technological University, pp.538- 543, 01/2018.*
 13. K. Tewari, R. Dev, "Modeling and Performance Analysis of Modified Solar Water Heating System", *1st International Conference on New Frontiers in Engineering, Science & Technology (NFEST-2018), Delhi technological University, pp.775-780, 01/2018.*
- Publication in National Conferences**
1. Gautam, N., Bhore, S. P., "Investigation on the characteristics of micro/meso scale gas bearing with texture effect", *NCRAME 2017, NIT Kurukshetra, pp.368-372, 06/2017.*
 2. Gupta Rajat, Bisaria Himanshu and Shandilya Pragya, "Effect of machining parameters on cutting rate of Incoloy 825 in Wire Electrical Discharge Machining", *National Conference on Recent Advances in Mechanical Engineering, NIT Kurukshetra, Kurukshetra, 06/2017.*
 3. Verma, T., Bhore, S. P., "Investigation of gas turbine rotor subjected to base excitation", *Indian Conference on Applied Mechanics, NIT Allahabad, pp.1-4, 07/2017.*
 4. Mishra S. K. and Shukla D. K and Patel R. K., "Fracture toughness of functionally graded epoxy-alumina polymer nanocomposites", *Indian Conference on Applied Mechanics (INCAM) 2017, MNNIT Allahabad, India, pp.307-308, 07/2017.*
 5. Sudhir Kumar Mishra, Dharmendra Kumar Shukla and Rabindra Kumar Patel, "Fracture toughness of functionally graded epoxy-alumina polymer nanocomposites", *third Indian Conference on Applied Mechanics (INCAM 2017), MNNIT Allahabad, pp.307, 07/2017.*

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Jagadish Chandra Mohanta	Vision Based Virtual Force Guidance for Tele-robotics system
2.	Dr. Samir Saraswati	Neural Computing and Applications International Journal of Engine Research Chemical Engineering Science International Journal of Modeling Identification and Control Mathematical and Computer Modelling of Dynamical Systems
3.	Dr. Avanish Kumar Dubey	Journal of Materials Processing Technology Measurement Science Review International Journal of Manufacturing Technology and Management International Journal of Precision Engineering and Manufacturing Journal of Mechanical Science and Technology International Journal of Machining and Machinability of Materials Lasers in Engineering Optics and Laser Technology Advances in Engineering Software Materials and Manufacturing Processes International Journal of Advanced Manufacturing Technology Journal of Intelligent and Fuzzy Systems Advances in Optical Technologies Lasers in manufacturing and Materials Processing Optics and Lasers in Engineering Machining Science and Technology
4.	Dr. Ravi Prakash	Environmental Impact Assessment Review Sustainable Cities and Society Energy Science in Society Sustainability: International Journal of Environmental, Cultural, Economic and Social Sustainability Energy and Buildings Applied Energy Environment, Development and Sustainability Journal of Housing and Built Environment Research Journal of the University of Mauritius Energy for Sustainable Development Building Simulation Frontiers of Environmental Science and Engineering Open Journal of Energy Efficiency(OJEE)
5.	Dr. Jagadish Chandra Mohanta	Computer Simulation and Dynamic Modelling of a Quadrupedal Pronking Gait Robot with SLIP Model
6.	Dr. Rajeev Srivastava	International Journal of Machining and Machinability of Materials
7.	Dr. Praveen Kumar Agrawal	Mechatronics Transactions of the Institute of Measurement and Control
8.	Dr. Suryanarayan B. Mishra	Materials and Design High Temperature Materials and Processes Acta Metallurgica Sinica Journal of Materials Engineering and Performance
9.	Dr. M. K. Khurana	Journal of Advanced Manufacturing Systems

10.	Dr. Manoj Kumar Gupta	BLB International Journal of Science and Technology International Journal of Science and Technology American Journal of Materials Engineering and Technology International Journal of Physical Sciences American Journal of Mechanical Engineering Archives of Current Research International Current Applied Polymer Science Journal of Silicon British Journal of Applied Science & Technology International Journal of Technology Advances in Materials & Processing Technologies Indian Journal of Fibre & Textile Research
11.	Dr. Manish Gupta	Plastics, Rubber and Composites: Macromolecular Engineering Advances in Mechanical, Industrial, Automation and Management Systems International Journal of Operations and Production Management International Journal of Logistics Systems and Management International Journal of Procurement Management
12.	Dr. Rahul Dev	Energy Solar Energy

Invited Lectures Delivered

- Lecture delivered by Dr. Manish Gupta at one week short term course on 'Non Linear Optimization Techniques, Department of Civil Engineering, Motilal Nehru National Institute of Technology Allahabad on 24/09/2017 entitled Fuzzy ANP- A means to measure organizational performance.
- Lecture delivered by Dr. Rahul Dev at Workshop on Renewable Energy & Environment, Department of Chemical Engineering, Institute of Engineering & Technology Lucknow on 27/02/2018 entitled Modified basin type double slope multi-wick solar still.
- Dr. Pragya Shandilya attended International conference on International Conference on Recent Advances in Mechanical, Materials and Civil Engineering ICRAMMCE 2017 at Hyderabad, India on/during 01/06/2017 to 02/06/2017.
- Dr. Bireswar Paul attended International conference on WASET Supported ICTPTE-2017: 19th International Conference on Thermal Power and Thermal Energy at Singapore on/during 04/07/2017 to 05/07/2017.
- Dr. M. K. Khurana attended International conference on International Conference on Advances in Materials and Manufacturing Applications INCONAMMA-2017 at Begaluru on/during 17/08/2017 to 19/08/2017.

Events Attended

- Dr. Manoj Kumar Gupta attended Short Term Course on Advances in Power Technologies at MNNIT Allahabad on/during 15/05/2017 to 20/05/2017.
- Dr. Pragya Shandilya attended International conference on European Advanced Materials Congress (EAMC) at Stockholm, Sweden on/during 22/08/2017 to 24/08/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Avnish Kumar Dubey(PI)	Study of Laser Trepan Drilling of Advanced Engineering Materials	Aeronautics R&D Board, New Delhi	Rs. 32.91 Lakh	Ongoing
2.	Dr. Manoj Kumar Gupta(PI)	Green composite prepared by waste sugarcane bagasse and poly lactic	CST, UP	Rs.10.44 Lakhs	Ongoing

acid (PLA) for packaging applications

Other Relevant Information

1. Dr. Bireswar Paul received Best Paper Award in the ICTPTE-2017:19th International Conference on Thermal Power and Thermal Energy, Singapore, for the paper Titled 'Existence of Nano-Organic Carbon Particles below the Size Range of 10 nm in the Indoor Air Environment' on 04/2017

10.13 DEPARTMENT OF PHYSICS

Vision

To be nationally recognized as a model of an effective and successful Physics programme.
To have a reputation for our advanced and successful research in emerging areas of Physics
To have the reputation for the success of our research students and engineering graduates

Mission

To provide Physics education to engineering graduates as per need of future engineering and technological education in the country.

List of Ph.D. Thesis Complete

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Dr. Amit Srivastava	2013RPH02	Study of functional oxide nanostructures and thin films grown by pulsed laser ablation and sputtering for biosensing applications.	Dr. Naresh Kumar

Publication in International Journals

1. Faizan Ahmad, Rashmi Singh, Rachna Kumar, Mukesh Jewariya, Chandra Shekhar, Naresh Kumar, Pramod Kumar, "Transient reflection spectra in topological nanocrystals of Bi₂Se₃, Bi₂Te₃, Bi₂Te₂Se", *Advanced Materials Letters*, vol.8, Issue 4, pp.423-427, 04/2017, Published by VBRI Press, (Scopus).
2. Amit Srivastava, Naresh Kumar, Priti Singh, and Sunil Kumar Singh, "H₂O₂ sensing using HRP modified catalyst-free ZnO nanorods synthesized by RF sputtering", *Applied Physics A*, vol.123, pp.453 1-8, 05/2017, Published by Springer, (SCI, IF = 1694).
3. Ahmed B, Ojha Animesh K, Kumar S, "One-pot synthesis of Ni doped CdS nanosheets for near infrared emission and excellent photocatalytic materials for degradation of MB dye under UV and sunlight irradiation", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, vol.179, pp.144-154, 05/2017, Published by Science Direct, (SCI, IF = 2.53).
4. Kumar S, Ojha Animesh K, Ahmed B, Kumar A, Das J, Materny A, "Tunable (violet to green) emission by high-yield graphene quantum dots and exploiting its unique properties towards sun-light-driven photocatalysis and supercapacitor electrode materials", *Materials Today Communications*, vol.11, pp.76-86, 06/2017, Published by Science Direct, (SCI, IF = 1.38).
5. Amit Srivastava and Naresh Kumar, "Effect of Substrate temperature on (001) oriented growth of ZnO Nanostructures on fused quartz substrate by PLD", *Journal of Materials Science: Materials in Electronics*, vol.28, pp.9258-926, 07/2017, published by Springer, (SCI, IF = 2.019).
6. P. P. Sahay, Ajay Kumar Kushwaha, "Electrochemical supercapacitive performance of potentiostatically cathodic electrodeposited nanostructured MnO₂ films", *Journal of Solid State Electrochemistry*, vol.21, Issue 8, pp.2393-2405, 08/2017, Published by Springer, (SCI, IF = 2.316).
7. Amit Srivastava and Naresh Kumar, "Effect of Post deposition annealing on RF sputtered catalyst free grown ZnO Nanostructures", *Journal of Electronic Materials*, vol.46, Issue 8, pp.4842-484, 08/2017, Published by Springer, (SCI, IF = 1.579).
8. Rajneesh Kumar Mishra, G. Murali, Tae-Hyung Kim, Jee Hun Kim, Young Jin Lim, Byoung-Suhk Kim, P. P. Sahay, SeungHee Lee, "Nanocube In₂O₃@RGO heterostructure based gas sensor for acetone and formaldehyde detection", *RSC*

- Advances*, vol.7, Issue 61, pp.38714-3872, 08/2017, Published by Royal Society of Chemistry, (SCI, IF = 3.108).
- Vivek Agrahari, Lalit Kumar Gaur, Mohan Chandra Mathpal, Arvind Agarwal, "Structural, Optical and Dilute Magnetic Semiconducting Properties of Gd Doped SnO₂ Nanoparticles", *Nanoparticles, Journal of Nanoscience and Nanotechnology*, vol.17, Issue 12, pp.8752-8762, 12/2017, Published by American Scientific Publishers, (SCI, IF = 1.483).
 - Aashish Jha, Naresh Kumar, Mohit Sahni, Amit Srivastava, Jyotirmay Dwivedi and Sanjay Chaubey, "Magnetization in nanocrystalline PLD zinc ferrite thin films deposited on fused quartz substrate", *Journal of Superconductivity and Novel Magnetism*, vol.31, Issue 1, pp.107-116, 01/2018, Published by Springer, (SCI, IF = 1.180).
 - A Singh, A K Ojha, H M Jang, "Strategic Design and Utilization of Molecular Flexibility for Straddling the Application of Organic Superbases: A DFT Study", *ChemistrySelect*, vol.3, Issue 2, pp.837-842, 01/2018, published by Wiely, (SCI).

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Animesh Kumar Ojha	Journal of Materials Science and Engineering B Vibrational Spectroscopy Journal of Alloys and Compounds Journal of Raman Spectroscopy RSC Advances Spectrochimica Acta
2.	Dr. P. P. Sahay	Superlattices and Microstructures Thin Solid Films International Journal of Nanoscience and Nanotechnology Sensors and Actuators B Sensors & Actuators: B. Chemical Materials Research Bulletin
3.	Dr. S. N. Pandey	Quantum Information Processing International Journal of Nanoscience and Nanotechnology
4.	Dr. Naresh Kumar	Journal of Electronic Materials Journal of Alloys and Compounds Journal of Materials Science: Materials in Electronics Applied Physics Letters Journal of Alloys and Compounds Journal of Materials Science: Materials in Electronics

Invited Lectures Delivered

- Lecture delivered by Dr. Naresh Kumar at Training programme, Centre of Food Technology, University of Allahabad on 16/05/2017 entitled recent analytical tool: X-ray diffraction and particle size analyzer.
- Lecture delivered by Dr. P.P. Sahay at National Conference on Recent Trends in Condensed Matter Physics, Bose Institute, Kolkata on 01/11/2017 entitled Variations in MnO₂ Electrodeposition for Electrochemical Supercapacitors.

Events Organized by Department

Sl. No.	Type	Title	from	to
1.	GIAN	Global Initiative of Academic Networks (GIAN) International Winter Course – 2017 "Experimental Techniques for Nanomagnetic Materials (ETNM – 201, Allahabad	30/10/2017	04/11/2017
2.	GIAN	Global Initiative of Academic Networks (GIAN) International	21/12/2017	28/12/2017

3.	Workshop	Winter Course – 2017 "X-ray Absorption Spectroscopy and its Application to Nanomaterials, Allahabad Hands-on Teaching and Learning Engineering Physics, 16/02/2018 18/02/2018 MNNIT, Allahabad
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Events Attended

1. Dr. Arvind Agrawal attended International conference on 15th International Conference on Particle Induced X-ray Emission (PIXE 2017) at Split, Croatia, April 2–7, 2017 on/during 02/04/2017 to 07/04/2017.
2. Dr. P. P. Sahay attended International conference on 9th International Conference on Materials for Advanced Technologies (ICMAT 2017) at Suntec Singapore on/during 18/06/2017 to 23/06/2017.
3. Dr. P. P. Sahay attended International conference on International Conference on Electrochemical Science and Technology (ICONEST-2017) at IISc, Bengaluru on/during 10/08/2017 to 12/08/2017.

Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Naresh Kumar (PI)	Development of ferrite-semiconductor composite hollow nanospheres based sensors for enhanced bio and gas sensing performance	CSIR	Rs.16,00,000	Ongoing

10.14 SCHOOL OF MANAGEMENT STUDIES

Vision

To create managers who have the competence to operate efficiently at the domestic and global levels through their knowledge, skills and creativity, with personal integrity and social responsibility.

Mission

To be a provider of globally competitive, high quality managerial human resource. To promote and significantly contribute towards development of technologies and innovation appropriate to sustainable economic growth and enrichment of quality of life.

List of Ph.D. Thesis Completed

Sl. No.	Student Name	Reg. Num.	Title	Supervisor
1.	Deepak Kumar Singh	2008RMS06	Antecedents and outcome of adoption of E-Procurement in Automotive Industry in India	Dr. Ganesh Pd. Sahu
2.	Mr Alok Agrawal	2014RMS03	Leaders Competencies for Organizational Performance amongst Micro, Small and Medium Enterprises in India	Dr. Tripti Singh
3.	Akanksha Shukla	2014RMS01	Impact of Corporate Social Responsibility on Performance of The Firm: A Study of Manufacturing And Service Sector in India	Dr. Geetika
4.	Mohit Kumar Ojha	2013RMS02	Priority Matrix for Amenities for Next Generation Railway Stations: A Study of North Central Railway Zone of Indian Railways	Dr. Geetika

Publication in International Journals

1. Geetika, Ghosh, P. and Ojha, M., Shukla A, "Urban Homeless Shelters in India: Miserias *Untold and Promises Unmet*", *Cities*, vol.71, pp.88-96, 07/2017, Published by Elsevier,(SCI).

2. Nandan, T. and Agrawal, P. , "An Assessment of Put Call Parity Relationship in Stock Options at National Stock Exchange", *International Journal of Applied Business and Economic Research*, vol.15, Issue 17, pp.297-305, 09/2017, Published by Serials Publications, (SCI).
3. Nandan, T., & Agrawal, P., "Violations of Put-Call Parity for CNX Nifty Index Options: A study at National Stock Exchange", *Global Business and Economic Review*, vol.20, Issue 4, pp.485-502, 01/2018, Published by Inderscience Publishers, (SCI).
4. Upadhyay, A.K., Khandelwal, K., Nandan, T. & Mishra, P., "Sales technology usage: Modeling the role of support service, peer usage, perceived usefulness and attitude", *Asia Pacific Journal of Marketing and Logistics*, vol.30, Issue 1, pp.257-271, 01/2018, Published by Emerald Insight, (SCI).
5. Ghosh, P., Ojha, M. Geetika, "Determining Passenger Satisfaction out of Platform-based Amenities: A Study of Kanpur Central Railway Station", *Transport Policy*, vol.60, pp.108-118, 11/2017, Published by Elsevier, (SCI).
6. Ginni Chawla, Singh Tripti, Singh Rupali, Agarwal Sonal, "Workers participation in Union Activities: A Conceptual Review", *Personnel Review*, vol.47, Issue 1, pp.206-226, 10/2017, Published by Emerald Publishing Limited,(SCI).
7. Rahman, S. & Singh, T., "Dimensions of employee satisfaction with compensation: scale development and validation", *International Journal of Business Excellence*, pp.00-00, 00/2018, Published by Inderscience, (SCI, IF = 0.81).
8. Tripathi, V. and Yadav, V., "Do Indian Women Get Their Share in QWL Pie? A Qualitative Study of Workplace Expectations", *South-Asian Journal of Multidisciplinary Studies*, pp.27-44, 04/2017, Published by South-Asian Journal of Multidisciplinary Studies, (IF = 2.246).
9. Tripathi, V., Yadav, V. and Srivastava, "Employer Branding: Strategic Move towards Attracting Young Talents", *SSRG International Journal of Economics and Management Studies*, pp.45-48, 05/2017, Published by Seventh Sense Research Group (SSRG), (IF = 2.24).

Publication in International Conferences

1. G. P. Sahu, M. Singh, "Factors Influencing Consumers' Behavioral Intention to Adopt IRCTC Connect Mobile Application", *16th IFIP Conference on e-Business, e-Services and e-Society (I3E2017)*, IIT Delhi, New Delhi, India, pp.3-15, 10/2017, Published by Springer.
2. Sahu G. P., and Singh Naveen Kumar, "Paradigm Shift of Indian Cash-Based Economy to Cash-Less Economy: A Study on Allahabad City", *16thIFIP Conference on e-Business, e-Services and e-Society (I3E2017)*, IIT Delhi, New Delhi, India, pp.453-461, 10/2017, Published by Springer.

Publication in National Conferences

1. Agrawal, P. R., Tripathi V., Agrawal P. K., "Ushering a new era of Vegetable Revolution: a 03 pronged strategy", *Need for Inclusive Reforms: Varying Perspectives*, Indian Institute of Advance Studies, Shimla, 08/2017.
2. Tripti Singh, Subiya Rahman, "Analyzing the Gender Pay Gap: A Review", *Economic Reforms and Their Impact on Indian Economy*, Integral University Lucknow, 02/2018, Published by Sage.

Reviewer in International Journals

Sl. No.	Faculty Name	Journal Name
1.	Dr. Tanuj Nandan	International Journal of Industrial and Systems Engineering Journal of Quantitative Economics Journal of Business Strategy Finance and Management
2.	Dr. Ganesh Pd. Sahu	International Journal of E-Governance International Journal of E-Government Research
3.	Dr. Tripti Singh	Total Quality Management
4.	Dr. Piyali Ghosh [On Leave]	Management Research Review Personnel Review International Journal of Sociology and Social Policy

Book(s)/Book(s) Chapter(s) Authored

Sl. No.	Faculty Name	Book	Publisher
1.	Geetika, Piyali Ghosh, P. Roychoudhury	Managerial Economics (Third Edition)	Tata-McGraw-Hill India

Invited Lectures Delivered

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| <p>1. Lecture delivered by Dr. Geetika at Conference on Business, Economics, Social Science & Humanities, Academia Fora on 02/04/2017 entitled Impact of Gender, International Experience and Location on Expatriate Adjustment: A Study of Indian Expatriates.</p> <p>2. Lecture delivered by Dr. Tripti Singh at FDP on Research Methodology, Department of Humanities and Social Sciences, MNNIT on 04/06/2017 entitled Qualitative Research Methodology.</p> <p>3. Lecture delivered by Dr. Geetika at Annual Function, D. H. National Board for Workers Education and Development, (Regional</p> | <p>Directorate, Allahabad) on 16/09/2017 entitled Workers' Education.</p> <p>4. Lecture delivered by Dr. P.R. Agrawal at National Seminar, Faculty of Commerce & Management Studies, Mahatma Gandhi Kashi Vidyapith, Varanasi on 10/11/2017 entitled "Smart City Vs Smart Village: A Path towards Startup India – Opportunities, Issues and Challenges".</p> <p>5. Lecture delivered by Dr. Tanuj Nandan at National Seminar on "Emerging Paradigms for Managing Startups", Department of Business Management, Dr. Hari Singh Gour Central University, Sagar (M.P.) on 25/20/2017 entitled Keynote Address.</p> |
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Events Organized by Department

Sl. No.	Type	Title	from	to
1.	Faculty Development Program	FDP on GST Awareness, MNNIT Allahabad	03/04/2017	03/04/2017
2.	GIAN Training Program	Managing Information Technology (IT) Outsourcing, MNNIT Allahabad	13/11/2017	17/11/2017
3.	Faculty Development Program	Publishing Research in High Quality International Journals, SMS, MNNIT Allahabad	24/11/2017	28/11/2017
4.	Workshop	Vavsayik Avam Takniki Karyo Mein Hindi Bhasha Ka Prayog, SMS, MNNIT Allahabad	29/12/2017	29/12/2017

Events Attended

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|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Dr. Tripti Singh attended International conference on ICMI -17 at UPES Dehradun on/during 09/20/2017 to 10/02/2017.</p> | <p>2. Dr. Tripti Singh attended Faculty Development Program on Strategic HRM at IIT-Roorkee on/during 02/06/2017 to 04/06/2017.</p> <p>3. Dr. P.R. Agrawal attended National Seminar on Need for Inclusive Reforms: Varying Perspectives at Indian Institute of Advanced Study, Shimla on/during 21/08/2017 to 23/08/2017.</p> |
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Research Projects Completed/Ongoing

Sl. No.	Principal Investigator/Co investigator(s)	Project Title	Funding Agency	Amount (INR)	Duration
1.	Dr. Ganesh Pd. Sahu(PI)	Aakash Project	NME-ICT, MHRD, Government of India (through IIT Bombay)	Rs. 600,000	Ongoing
2.	Dr. Ganesh Pd. Sahu(PI)	Teach 10000 Teachers (T10KT) Remote Centre	NME-ICT, MHRD, Government of India (through IIT Bombay)	Rs. 750,000 (module wise fun	Ongoing
3.	Dr. Ganesh Pd.	Seven million Solar Urja	MNRE through IIT Bombay	Rs. 281 Lakh	Ongoing

	Sahu(PI)	Lamps (SoUL) through Localization of Solar Energy project			
4.	Dr. Ganesh Pd. Sahu(PI)	National Mission Project on Pedagogy	NME-ICT, MHRD, Govt. of India (through IIT Kharagpur)	Rs. 700,000	Ongoing
5.	Dr. [Ms.] Geetika (PI), Dr. Ganesh Pd. Sahu&Dr. Piyali Ghosh (Co-PI)	Multi-partnership Model of Self-sustainable Shelters for Urban Homeless Poor	HUDCO-HSMI New Delhi	Rs.16 lakh	Complete 04/2017

Other relevant information

1. Prof. Geetika received Dewang Mehta National Education Award for best Professor in Strategic Management by Dy. Chief Minister of U.P. (September 2017).

FINANCIAL AND ACCOUNT DETAILS

11.1 Financial and Account Report

11.2 Annual Account 2017-18

11.1 FINANCIAL AND ACCOUNT REPORT

भारतीय लेखा तथा लेखा परीक्षा विभाग

कार्यालय प्रधान निदेशक लेखापरीक्षा (केंद्रीय) लखनऊ
शाखा कार्यालय - इलाहाबाद



सत्यमेव जयते

INDIAN AUDIT & ACCOUNTS DEPARTMENT

Office of the Principal Director of Audit (Central) Lucknow

Branch Office : Allahabad

पत्र संख्या: प्र0नि0ले0प0 (केन्द्रीय)/पू.ले.प.-31/2018-19/

दिनांक : .2018

सेवा में,

सचिव, भारत सरकार,
मानव संसाधन विकास मंत्रालय,
उच्च शिक्षा विभाग, शास्त्री भवन,
नई दिल्ली- 110001

विषय : मोती लाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान, इलाहाबाद के वर्ष 2017-18 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन।

महोदय,

इस पत्र के माध्यम से मोती लाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान, इलाहाबाद के वर्ष 2017-18 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) तथा वार्षिक लेखे की प्रति अग्रसारित की जा रही है।

2. कृपया सुनिश्चित करें कि पृथक लेखापरीक्षा प्रतिवेदन एवं सम्बन्धित लेखे संसद के दोनों सदनों के सम्मुख प्रस्तुत हुए।

3. कृपया पृथक लेखापरीक्षा प्रतिवेदन एवं लेखों को संसद के दोनों सदनों के समक्ष अन्तिम रूप-से प्रस्तुत करने की तिथि भारत के नियंत्रक एवं महालेखापरीक्षक के साथ-साथ इस कार्यालय को भी सूचित करने का कष्ट करें।

संलग्नक: उपर्युक्तानुसार।

भवदीय,

प्रधान निदेशक लेखापरीक्षा (केन्द्रीय)

पत्र संख्या: प्र0नि0ले0प0 (केन्द्रीय)/पू.ले.प.-31/2018-19/172 दिनांक : 13.12.2018
निदेशक, मोती लाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद 211004 (उत्तर प्रदेश) को संस्थान के वर्ष 2017-18 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) की प्रति आवश्यक कार्यवाही हेतु प्रेषित है। संस्थान यदि आवश्यकता अनुभव करे, तो इस प्रतिवेदन का हिन्दी अनुवाद करवा सकता है परन्तु इस प्रतिवेदन के हिन्दी अनुवाद में निम्नलिखित अस्वीकरण (disclaimer) अंकित होना चाहिए:

“प्रस्तुत प्रतिवेदन मूलरूप से अंग्रेजी में लिखित पृथक लेखापरीक्षा प्रतिवेदन का हिन्दी अनुवाद है। यदि इसमें कोई विसंगति परिलक्षित होती है तो अंग्रेजी में लिखित प्रतिवेदन मान्य होगा।”

हिन्दी अनुवाद की एक प्रति इस कार्यालय को भी प्रेषित करने का कष्ट करें।

संलग्नक: उपर्युक्तानुसार।

उप निदेशक (केन्द्रीय व्यय)

Separate Audit Report of the Comptroller and Auditor General of India on the accounts of the Motilal Nehru National Institute of Technology, Allahabad for the year ended 31 March, 2018

We have audited the attached Balance Sheet of the Motilal Nehru National Institute of Technology, Allahabad (Institute) as at 31 March, 2018, the Income and Expenditure Account and Receipts and Payments Account for the year ended on that date under Section 19 (2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with section 22 (2) of the National Institute of Technology Act, 2007. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by managements, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
 - (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

(ii) The Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report have been drawn up in format of Financial Statements for Central Higher Educational Institutions prescribed by MHRD, Government of India.

(iii) In our opinion, proper books of accounts and other relevant records have been maintained in the Motilal Nehru National Institute of Technology, Allahabad as required in Section 22 (1) of the National Institute of Technology Act, 2007 in so far as it appears from our examination of such books.

(iv) We further report that:

(A) General

Even after regular intimation, no provision had been made for retirement benefit on actuarial basis during 2017-18 as required in AS-15.

(B) Grants-in-aid

The Institute received grant-in-aid of ₹ 162.64 crore during the year 2017-18 (General-OH31 ₹ 25.89 crore, Salary-OH36 ₹ 46.18 crore, Creation of Capital-35 ₹ 54.77 crore, IRG ₹ 35.80 crore). Taking opening balance of ₹ 40.53 crore (General-OH31 ₹ 83.60 crore, Salary-OH 36 ₹ (-) 107.38 crore, Creation of Capital-35 ₹ 64.31 crore) the total fund available worked out to ₹ 203.17 crore. The Institute utilized ₹ 130.29 crore (General-OH31 ₹ 59.23 crore, Salary-OH36 ₹ 59.59 crore, Creation of Capital-35 ₹ 11.47 crore) leaving a balance of ₹ 72.88 crore (General-OH 31 ₹ 86.06 crore, Salary-OH 36 ₹ (-) 120.79 crore, Creation of Capital-35 ₹ 107.61 crore) as on 31 March, 2018.

(v) Subject to our observation in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

(iv) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes to Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a

true and fair view in conformity with the accounting principles generally accepted in India.

- (a) In so far as it relates to the Balance Sheet, of the state of affairs of the Motilal Nehru National Institute of Technology, Allahabad as at 31 March, 2018; and
- (b) In so far as it relates to Income and Expenditure Account of the 'Deficit' for the year ended on that date.

For and on behalf of the C&AG of India



Principal Director of Audit (Central)

Place: Lucknow

Date : 11.12.18

Annexure

1. Adequacy of Internal Audit System

Internal audit of the Institute was carried out during 2017-18. However, the Institute had not prepared Internal Audit Manual as of date.

2. Adequacy of Internal Control System

No worth mentioning point was found to indicate the inadequacy of the internal control system of the Institute.

3. System of Physical verification of Fixed Assets

Physical verification of fixed assets was not conducted during the year 2017-18.

4. System of Physical verification of Inventories

Physical verification of Inventories was not conducted during the year 2017-18.

5. Regularity in payment of statutory dues.

The Institute was regular in payment of statutory dues.


Dy. Director (CE)

11.2 ANNUAL ACCOUNTS: 2017-18

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD

BALANCE SHEET AS AT 31ST MARCH 2018			
			(Amount-Rs)
SOURCES OF FUNDS	Sch	CURRENT YEAR	PREVIOUS YEAR
CORPUS/CAPITAL FUND	1	3,08,99,54,873.93	2,97,44,41,937.51
DESIGNATED/ EARMARKED FUNDS	2	48,53,65,616.08	42,95,37,615.12
CURRENT LIABILITIES AND PROVISIONS	3	1,16,32,76,782.63	77,23,93,745.68
TOTAL		4,73,85,97,272.64	4,17,63,73,298.31
APPLICATION OF FUNDS	Sch	CURRENT YEAR	PREVIOUS YEAR
FIXED ASSETS			
TANGIBLE ASSETS	4	1,65,02,69,255.07	1,69,30,40,023.07
CAPITAL WORK-IN-PROGRESS	4	5,09,48,541.00	31,65,821.00
INTANGIBLE ASSETS	4	21,87,192.00	2,03,72,688.00
INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS:	5		
LONG TERM		44,01,68,490.96	40,85,80,669.00
SHORT TERM			
INVESTMENT OTHERS	6	1,07,15,77,753.00	99,74,03,315.00
CURRENT ASSETS	7	92,75,79,757.97	45,79,92,473.97
LOANS, ADVANCES & DEPOSITS	8	59,58,66,282.64	59,58,18,308.27
TOTAL		4,73,85,97,272.64	4,17,63,73,298.31
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		

CHARTERED ACCOUNTANT

DY. REGISTRAR (A/CS)

REGISTRAR

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2018

				(Amount-Rs)
Particulars	Sch	Current year	Previous year	
INCOME				
ACADEMIC RECEIPTS	9	38,41,06,998.97	25,81,24,181.00	
GRANTS & DONATIONS	10	83,99,86,247.20	82,88,14,217.58	
INCOME FROM INVESTMENTS	11	-	-	
INTEREST EARNED	12	7,96,68,565.37	7,57,70,901.00	

OTHER INCOMES	13	3,80,54,648.20	15,06,11,688.19
PRIOR PERIOD INCOME	14	1,35,53,253.00	18,13,043.25
TOTAL (A)		1,35,53,69,712.74	1,31,51,34,031.02
EXPENDITURE			
Staff payments & benefits	15	74,91,90,754.40	59,01,44,577.00
Academic expenses	16	20,06,30,602.00	19,11,52,409.00
Administrative and general expenses	17	22,65,18,391.80	14,46,82,014.00
Transportation expenses	18	12,86,155.00	11,24,520.00
Repair & maintenance	19	6,39,04,709.00	1,26,40,753.00
Finance costs	20	88,122.80	51,421.00
Other expenses	21	2,17,295.00	2,54,253.00
Prior period expenses	22	1,09,400.00	30,74,604.80
Depreciation		12,52,90,707.00	14,72,75,935.58
TOTAL (B)		1,36,72,36,137.00	1,09,04,00,487.38
Balance being excess of income over expenditure (A-B)		(1,18,66,424.26)	22,47,33,543.64
Transfer to /from Designated fund, Building Fund, Others) - Apportioned amount of Depreciation towards Assets purchased out of Capital Fund		12,51,98,475.00	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO GENERAL FUND		11,33,32,050.74	22,47,33,543.64
Significant accounting polies	23		
Contingent liabilities and notes on accounts.	24		

CHARTERED ACCOUNTANT

DY. REGISTRAR (A/Cs)

REGISTRAR

SCHEDULE 1- CORPUS / CAPITAL FUND

Particulars	(Amount-Rs)			
	Capital fund-institute	Capital fund- subsidiaries (ref annexure a (1))	Current year	Previous year
INSTITUTE	-	-	-	-
Balance as at the beginning of the year	2,81,53,59,430.54	15,90,82,506.97	2,97,44,41,937.51	2,78,06,81,001.37
Add: Contributions towards Corpus/Capital Fund	-	-	-	-
Add: Grant from UGC, Government of India and State government to the extent utilized for capital expenditure	10,49,03,074.00	-	10,49,03,074.00	4,50,82,864.00
Add: Assets Purchased out of Earnmarked Funds	-	-	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	-	-	-	-
Add: Assets Donated/Gifts Received	-	-	-	-
Add: Other Additions	-	-	-	-
Add: Amount of Capital Expenditure out of Grant	-	-	-	-
Add: Excess of Income over expenditure transferred from the Income and Expenditure Account	11,33,32,050.74	1,63,92,566.68	12,97,24,617.42	21,69,94,654.12
Total	3,03,35,94,555.28	17,54,75,073.65	3,20,90,69,628.93	3,04,27,58,519.49
Add/(Less): Adjustments	80,074.00	60,03,646.00	60,83,720.00	7,88,67,121.60
Less: Apportioned Amount of Depreciation	12,51,98,475.00	-	12,51,98,475.00	14,71,83,703.58
Balance as at the end of the year	2,90,84,76,154.28	18,14,78,719.65	3,08,99,54,873.93	2,97,44,41,937.51

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE A(1) OF SCH 1

FUND ACCOUNT - SUBSIDIARIES

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Add: Income (as per Annexure i)	Less: Expense (as per Annexure ii & iii)	Adjustment	As at March 31, 2018	As at March 31, 2017
Alumni Association	75,39,086.08	82,36,484.94	27,64,737.40	-	1,30,10,833.62	75,39,086.08
Dean Academic Affairs	3,04,18,291.50	9,66,095.40	1,08,48,505.70	-	2,05,35,881.20	3,04,18,291.50
G.K. Agarwal Trust	2,50,886.00	21,878.00	-	-	2,72,764.00	2,50,886.00
Industrial Estate	3,34,73,287.13	39,87,891.00	10,97,007.00	-	3,63,64,171.13	3,34,73,287.13

Motilal Nehru National Institute of Technology Allahabad [MNNIT Allahabad]

Nodal Center	(3,46,243.00)	-	21,741.00	-	(3,67,984.00)	(3,46,243.00)
P.D.T.C.	(2,01,445.00)	7,915.00		-	(1,93,530.00)	(2,01,445.00)
Project Account	(38,59,114.22)	67,90,961.00	67,47,921.70	60,03,646.00	21,87,571.08	(38,59,114.22)
Research & Consultancy Cell	57,50,664.03	3,30,34,361.39	57,59,487.50		3,30,25,537.92	57,50,664.03
School of Non Formal Continuing Education (SNFCE)	1,23,95,066.00	16,36,703.00	9,32,890.00	-	1,30,98,879.00	1,23,95,066.00
Sponsored Gold Medal	6,11,319.00	34,305.00		-	6,45,624.00	6,11,319.00
Student Welfare Fund	1,86,05,356.00	42,02,876.00	11,31,287.00	-	2,16,76,945.00	1,86,05,356.00
TEQIP - II	5,41,33,681.45	3,71,931.00	1,36,27,476.75	-	4,08,78,135.70	5,41,33,681.45
Text Book Lending Bank	3,11,672.00	49,290.00	17,071.00	-	3,43,891.00	3,11,672.00
TOTAL	15,90,82,506.97	5,93,40,691.73	4,29,48,125.05	60,03,646.00	18,14,78,719.65	15,90,82,506.97

SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 2-EARMARKED/ENDOWMENT FUNDS
(Amount-Rs)

Particulars	FUND -WISE BREAK UP							TOTAL	
	GPF	CPF	NPS	Corpus Fund	Staff Development	Development/ Renewal Fund	Maintenance Fund	Current Year	Previous Year
A.									
a) Opening balance of the funds	23,41,35,843.00	1,38,71,133.12	80,73,928.00	16,98,95,187.00	16,83,597.00	9,39,209.00	9,38,718.00	42,95,37,615.12	40,24,25,605.12
b) Additions during the year								-	-
c) Income from investments made of the funds								-	10,60,685.00
d) Accrued interest on investments of the funds	1,40,58,141.00	9,47,682.02		84,18,660.22	85,220.84	39,058.94	39,058.94	2,35,87,821.96	2,59,60,974.00
e) Interest on Saving Bank a/c	1,94,235.00	16,031.00	4,24,186.00	6,76,960.00	20,266.00	19,222.00	19,187.00	13,70,087.00	3,21,206.00
f) Other additions (specify nature)								-	-
TDS 2017-18	-	1,05,302.00	-	9,35,417.00	9,471.00	4,341.00	4,341.00	10,58,872.00	11,70,395.00
Employee Subscription	5,18,19,506.00	21,26,708.00	2,92,07,239.00					8,31,53,453.00	5,52,64,259.00
TOTAL (A)	30,02,07,725.00	1,70,66,856.14	3,77,05,353.00	17,99,26,224.22	17,98,554.84	10,01,830.94	10,01,304.94	53,87,07,849.08	48,62,03,124.12

B. Utilization/Expenditure towards objectives of funds									
i. Capital Expenditure								-	-
Payment to Subscriber	2,80,36,191.00							2,80,36,191.00	3,75,37,406.00
Payment to NSDL			2,52,34,576.00					2,52,34,576.00	1,90,60,272.00
ii. Revenue Expenditure				66,777.00	1,634.00	1,529.00	1,526.00	71,466.00	67,831.00
TOTAL (B)	2,80,36,191.00		-2,52,34,576.00	66,777.00	1,634.00	1,529.00	1,526.00	5,33,42,233.00	5,66,65,509.00
Net Balance as at the Year End (A-B)	27,21,71,534.00	1,70,66,856.14	1,24,70,777.00	17,98,59,447.22	17,96,920.84	10,00,301.94	9,99,778.94	48,53,65,616.08	42,95,37,615.12
(Amount-Rs)									
	FUND -WISE BREAK UP							TOTAL	
Represented by:	GPF	CPF	NPS	Corpus Fund	Staff Development	Development/ Renewal Fund	Maintenance Fund	CURRENT YEAR	PREVIOUS YEAR
Cash & Bank Balance	1,69,26,626.00	22,94,273.12	1,24,70,777.00	1,02,43,024.00	3,54,915.00	3,39,383.00	3,38,860.00	4,29,67,858.12	1,97,86,551.12
Investments	24,99,36,078.00	1,43,89,470.00	-	16,46,79,553.00	13,78,551.00	6,31,835.00	6,31,835.00	43,16,47,322.00	38,85,75,335.00
Interest accrued but not due	53,08,830.00	1,71,858.02	-	29,56,108.22	44,020.84	20,175.94	20,175.94	85,21,168.96	2,00,05,334.00
TDS	-	2,11,255.00	-	19,80,762.00	19,434.00	8,908.00	8,908.00	22,29,267.00	11,70,395.00
Net Balance as at the Year End (A-B)	27,21,71,534.00	1,70,66,856.14	1,24,70,777.00	17,98,59,447.22	17,96,920.84	10,00,301.94	9,99,778.94	48,53,65,616.08	42,95,37,615.12

SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS

(Amount-Rs)

Particulars	Current year	Previous year
A. CURRENT LIABILITIES		
1. Deposits from staff	-	-
2. Deposits from students	-	-
3. Sundry Creditors	-	-
a) For Goods & Services	-	-
b) Others (Refer Annexure B (1))	3,27,56,828.00	5,34,98,858.39
4. Deposit-Others(Including EMD, Security Deposit)	-	-
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):	-	-
a) Overdue	-	-
b) Others (Refer Annexure B (2))	27,78,329.00	35,94,350.00
6. Other current Liabilities	-	-

a) Salaries	-	-
b) Receipts against sponsored projects	-	-
c) Receipts against sponsored fellowships & scholarships (Refer Annexure B (3))	17,78,36,410.40	11,01,09,770.00
d) Unutilised Grants (Refer Annexure B(4))(B)	72,87,93,314.03	40,52,82,635.23
e) Grants in advance	-	-
f) Other funds (Refer Annexure B (5))	1,50,000.00	72,34,346.00
g) Other liabilities (Refer Annexure B (6))	16,25,08,604.20	14,79,32,365.06
TOTAL (A)	1,10,48,23,485.63	72,76,52,324.68
B. PROVISIONS		
1. For Taxation	-	-
2. Gratuity	-	-
3. Superannuation/Pension		
Pension Pay	32,64,712.00	31,67,891.00
Pension Relief	55,90,547.00	51,62,180.00
Commuted Pension Payable	-	-
New Pension Scheme	10,58,258.00	8,92,926.00
4. Accumulated Leave Encashment		
Leave Encashment on LTC Other Staff	-	-
Retirement Leave Encashment Payable	-	48,720.00
5. Expenses payable (Refer Annexure B (7))	4,85,39,780.00	3,54,69,704.00
TOTAL (B)	5,84,53,297.00	4,47,41,421.00
TOTAL (A+B)	1,16,32,76,782.63	77,23,93,745.68

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'B' OF SCH '3'

CURRENT LIABILITIES AND PROVISIONS

B(1). SUNDRY CREDITORS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Receipts During the Year	Payments During the Year	Journal Entry	As at March 31, 2018	As at March 31, 2017
INSTITUTE						
Loan Account of PDTC & Industrial Estate	1,47,23,920.00	-	-		1,47,23,920.00	1,47,23,920.00

SUBSIDIARIES						
Project Account - Transferable amount to R&C Cell	5,90,563.00	-	-	-	5,90,563.00	5,90,563.00
R&C Cell - Payable to RES, Bhadhoi	39,325.00				39,325.00	39,325.00
R&C Cell - Testing & Consultancy	1,98,10,808.00	2,29,62,544.00	2,53,70,332.00		1,74,03,020.00	1,98,10,808.00
R&C Cell -Workshop Participation fees	56,000.00	-	56,000.00		-	56,000.00
R&C Cell - CCB	1,82,78,242.39		-	1,82,78,242.39	-	1,82,78,242.39
TOTAL	5,34,98,858.39	2,29,62,544.00	2,54,26,332.00	1,82,78,242.39	3,27,56,828.00	5,34,98,858.39

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'B' OF SCH '3'

**CURRENT LIABILITIES AND PROVISIONS
B(2). STATUTORY LIABILITIES-OTHERS**

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Receipts During the Year	Payments During the Year	As at March 31, 2018	As at March 31, 2017
INSTITUTE					
Income Tax	20,52,294.00	7,14,12,153.00	7,34,64,447.00	-	20,52,294.00
Sales Tax	-	1,35,265.00	1,35,265.00	-	-
GST Payable		15,899.00	-	15,899.00	-
Employees contribution to C.P.F	-	5,68,124.00	5,68,124.00	-	-
Employees contribution to N.P.S	-	2,24,52,516.00	2,24,52,516.00	-	-
GPF- contribution to employees	-	3,22,72,634.00	3,22,72,634.00	-	-
SUBSIDIARIES					
Project Account - Income Tax	-	2,86,276.00	1,88,180.00	98,096.00	-
R&C Cell - Income Tax	15,42,056.00	34,52,168.00	26,20,024.00	23,74,200.00	15,42,056.00
R&C Cell - Service Tax		11,60,225.00	11,60,225.00	-	-
R&C Cell - GST		27,45,888.00	24,82,536.00	2,63,352.00	-
Industrial Estate - GST		40,170.00	13,388.00	26,782.00	
SNFCE - Income Tax		26,605.00	26,605.00	-	-
TOTAL	35,94,350.00	13,45,67,923.00	13,53,83,944.00	27,78,329.00	35,94,350.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'B' OF SCH '3'

CURRENT LIABILITIES AND PROVISIONS

B(3). RECEIPTS AGAINST SPONSORED FELLOWSHIPS & SCHOLARSHIPS

(Amount in Rs.)

Head of account	Opening balance as on 01/04/2017		Transaction during the year 2017-18		Closing balance as on 31/03/2018	
	Debit	Credit	Debit	Credit	Debit	Credit
INSTITUTE						
ICSSR - Fellowship (Doctoral)	-	1,59,489.00			-	1,59,489.00
NRSA Project - Satellite Data Compression Decomposition	-	2,18,279.00			-	2,18,279.00
QIP Stipend & Contingency	-	89,941.00		-	-	89,941.00
Outside Scholarship	-	26,49,317.00	40,97,044.00	92,36,232.40	-	77,88,505.40
U.G.C. Fellowship	-	76,096.00	3,54,000.00	3,52,468.00	-	74,564.00
AIEEE Scholarship	-	1,05,000.00	-		-	1,05,000.00
SUBSIDIARIES						
Project Account :						
Project (Running)	-	3,67,44,691.00	5,03,83,754.00	10,51,05,407.00	-	9,14,66,344.00
Project (Deferred Grant)		7,00,66,957.00	-	78,67,331.00		7,79,34,288.00
TOTAL	-	11,01,09,770.00	5,48,34,798.00	12,25,61,438.40	-	17,78,36,410.40

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'B' OF SCH '3'

CURRENT LIABILITIES AND PROVISIONS

B(5). OTHER CURRENT LIABILITIES- OTHER FUNDS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Receipts During the Year	Payments During the Year	As at March 31, 2018	As at March 31, 2017
Bal Bharti Vidyalaya (Const of Building)	1,50,000.00			1,50,000.00	1,50,000.00
TEQIP-I Fund (Balance Fund)	70,84,346.00		70,84,346.00	-	70,84,346.00
ICCT Seed	-	1,00,000.00	1,00,000.00	-	-
NIMCET Scheme	-	5,150.00	5,150.00	-	-
TOTAL	72,34,346.00	1,05,150.00	71,89,496.00	1,50,000.00	72,34,346.00

SCHEDULE FORMING PART OF BALANCE SHEET**ANNEXURE 'B' OF SCH '3'****CURRENT LIABILITIES AND PROVISIONS
B(6). OTHER CURRENT LIABILITIES- OTHER LIABILITIES****(Amount in Rs.)**

Particulars	Opening Balance as on 01/04/2017	Receipts During the Year	Payments During the Year	As at March 31, 2018	As at March 31, 2017
Cancelled Cheques	1,44,98,178.00	56,71,155.00	38,13,858.00	1,63,55,475.00	1,44,98,178.00
DST New Delhi/Inspire	6,28,717.00	42,34,035.00	43,70,027.00	4,92,725.00	6,28,717.00
Examination Fees	4,67,66,868.00	1,23,82,100.00	7,100.00	5,91,41,868.00	4,67,66,868.00
L.I.C.	4,40,111.70	5,45,505.00	5,45,505.00	4,40,111.70	4,40,111.70
M.Tech (Part Time)	44,09,976.00			44,09,976.00	44,09,976.00
Diety Programme	26,00,025.00	67,44,088.00	67,44,088.00	26,00,025.00	26,00,025.00
Other Liabilities (Misc. Receipt Transfer)	1,06,07,882.86	2,68,53,152.14	2,67,61,589.00	1,06,99,446.00	1,06,07,882.86
Retirement Benefit Received From Other Institution	43,51,523.00	-	43,51,523.00	-	43,51,523.00
Recoverable Deposit- Institute-Group Insurance Scheme	1,38,231.00	9,86,107.00	11,24,338.00	-	1,38,231.00
Caution Money	2,76,35,808.00	29,60,000.00	42,08,000.00	2,63,87,808.00	2,76,35,808.00
Earnest Money/ Security Money	1,02,52,699.00	3,84,484.00	-	1,06,37,183.00	1,02,52,699.00
Project Account Dean R & C	45,50,186.00	21,18,381.00	-	66,68,567.00	45,50,186.00
Gian Project	38,96,020.50	76,16,000.00	56,23,663.00	58,88,357.50	38,96,020.50
Payable to Industrial Estate on Account of TDS	1,09,398.00			1,09,398.00	1,09,398.00
LSDSS Project 2015	27,430.00			27,430.00	27,430.00
Prayag Project	538.00			538.00	538.00
Stipend TEQUIP II (R&C)		15,00,000.00	12,93,600.00	2,06,400.00	
SIPEE-17	-	2,56,000.00	2,56,000.00	-	-
Union Donation	-	42,000.00	42,000.00	-	-
SUBSIDIARIES					
Alumni Association - Amount Payable	49,49,550.00	1,18,015.00		50,67,565.00	49,49,550.00
Dean Academics - Cancelled Cheques	2,19,565.00	22,093.00	9,000.00	2,32,658.00	2,19,565.00
Industrial Estate - Expenses Payable	1,59,088.00	9,440.00	9,200.00	1,59,328.00	1,59,088.00
Project Account - Accounting Charges Payable	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
Project Account - Salary Payable	1,13,068.00			1,13,068.00	1,13,068.00
Project Account - MNNIT	87,21,325.00			87,21,325.00	87,21,325.00

Project Account - Receipt From Tequip	19,60,873.00			19,60,873.00	19,60,873.00
Project Account - Gian Course		1,77,000.00		1,77,000.00	
Project Account - Fellowship Payable		10,48,296.00		10,48,296.00	
R&C Cell - Cancelled Cheques	63,305.00			63,305.00	63,305.00
R&C Cell - Expenses Payable	34,000.00	83,052.00	32,000.00	85,052.00	34,000.00
SNFCE- Cancelled Cheque	60,600.00	-	-	60,600.00	60,600.00
TEQIP II- Expense Payable		55,327.00	38,500.00	16,827.00	
Caution Money	4,22,655.00			4,22,655.00	4,22,655.00
Earnest Money/ Security Money	2,41,404.00			2,41,404.00	2,41,404.00
Security Received (Industrial Estate)	53,340.00			53,340.00	53,340.00
TOTAL	14,79,32,365.06	7,38,26,230.14	5,92,49,991.00	16,25,08,604.20	14,79,32,365.06

SCHEDULE FORMING PART OF BALANCE SHEET
ANNEXURE 'B' OF SCH '3'
CURRENT LIABILITIES AND PROVISIONS
B(7). PROVISION- EXPENSES PAYABLE

(Amount in Rs.)

Particulars	As at March 31, 2018		As at March 31, 2017	
<u>Salaries & Wages :</u>				
Pay Direction & Teaching	2,14,90,257.00		80,77,186.00	
Pay Administrative Officer	12,25,800.00		3,97,710.00	
Pay Other Staff	55,55,700.00	2,82,71,757.00	23,64,240.00	1,08,39,136.00
<u>Dearness Allowances:</u>				
Direction & Teaching	10,74,513.00		1,06,61,904.00	
Administrative Officer	61,290.00		5,24,979.00	
Other Staff	2,77,785.00	14,13,588.00	31,20,792.00	1,43,07,675.00
<u>HRA:</u>				
Direction & Teaching	2,00,438.00		2,38,575.00	
Administrative Officer	47,306.00		41,574.00	
Other Staff	1,97,706.00	4,45,450.00	2,29,394.00	5,09,543.00
<u>Transport Allowances:</u>				
Direction & Teaching	6,67,966.00		6,58,790.00	
Administrative Officer	59,272.00		51,968.00	

Other Staff	2,82,976.00	10,10,214.00	3,09,952.00	10,20,710.00
Family Planning Incentive Allowance		15,610.00		15,520.00
Washing Allowance		7,740.00		8,730.00
Special Allowance		64,425.00		85,777.00
Deans Honorarium		14,000.00		28,000.00
Cash Handling Allowance		80.00		230.00
Medical Allowance		1,96,000.00		1,91,000.00
ARREARS				
Pay Revision - Teaching/ Non Teaching				
Pensioners		9,835.00		1,64,050.00
C.A. Fees Payable		1,80,000.00		2,07,000.00
C.P.F. Payable		55,280.00		20,381.00
Electricity & Power Payable				
Institute		37,58,115.00		
Colony		2,89,085.00		
Hostel		17,34,515.00		-
Pay on Contractual Staff		65,80,701.00		53,77,805.00
Security Charges Payable		41,96,332.00		23,83,213.00
Telephone Expenses Payable		2,97,053.00		3,10,934.00
TOTAL		4,85,39,780.00		3,54,69,704.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'B' OF SCH '3'

B(4). OTHER CURRENT LIABILITIES- UNUTILISED GRANTS

(Amount-Rs)

PARTICULARS	CURRENT YEAR	PARTICULARS	PREVIOUS YEAR
MHRD-GOI - HEAD - RECURRING (OH-31)		CENTRAL GOVERNMENT - NON PLAN	
Balance B/F	83,60,25,237.23	Balance B/F	11,39,28,334.93
Add: Receipts during the year		Add: Receipts during the year	
i. Donation/Grants	25,89,00,000.00	i. Donation/Grants	45,80,00,000.00
ii. Institute Receipts	35,79,95,060.00	ii. Institute Receipts	24,15,33,036.00
TOTAL (a)	1,45,29,20,297.23	TOTAL (a)	81,34,61,370.93
Less: Utilisation/Expenditure towards objectives of funds		Less: Utilisation/Expenditure towards objectives	

		of funds	
i. Capital Expenditure	-	i. Capital Expenditure	-
ii. Revenue Expenditure	59,22,98,300.80	ii. Revenue Expenditure	73,33,17,482.00
TOTAL (b)	59,22,98,300.80	TOTAL (b)	73,33,17,482.00
Unutilised carried forward (a-b)	86,06,21,996.43	Unutilised carried forward (a-b)	8,01,43,888.93
MHRD-GOI - HEAD - NON RECURRING (OH-35)		CENTRAL GOVERNMENT - PLAN	
Balance B/F	64,30,97,897.00	Balance B/F	(99,32,321.70)
Add: Receipts during the year		Add: Receipts during the year	
i. Donation/Grants	54,77,00,000.00	i. Donation/Grants	57,00,00,000.00
TOTAL (a)	1,19,07,97,897.00	TOTAL (a)	56,00,67,678.30
Less: Utilisation/Expenditure towards objectives of funds		Less: Utilisation/Expenditure towards objectives of funds	
i. Capital Expenditure	10,49,03,074.00	i. Capital Expenditure	4,50,82,864.00
ii. Revenue Expenditure	97,98,401.00	ii. Revenue Expenditure	18,98,46,068.00
TOTAL (b)	11,47,01,475.00	TOTAL (b)	23,49,28,932.00
Unutilised carried forward (a-b)	1,07,60,96,422.00	Unutilised carried forward (a-b)	32,51,38,746.30
MHRD-GOI - HEAD - SALARY (OH-36)			
Balance B/F (Excess Utilised)	1,07,38,40,499.00		
Less: Receipts during the year			
i. Donation/Grants	46,18,00,000.00		
TOTAL EXCESS UTILISED (a)	61,20,40,499.00		
Add: Utilisation/Expenditure towards objectives of funds			
i. Capital Expenditure	-		
ii. Revenue Expenditure	59,58,84,605.40		
TOTAL EXPENDITURE (b)	59,58,84,605.40		
Excess Utilised carried forward (a+b)	1,20,79,25,104.40		
NET UNUTILISED BALANCE	72,87,93,314.03		

**SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 4-FIXED ASSETS (INSTITUTE)**

(Amount-Rs)

Tangible Assets	Annx. no.	Depreciation Rate	GROSS BLOCK			DEPRECIATION				NET BLOCK	
			Opening Balance on 01.04.2017	Additions/ (Deductions) during the year	Closing Balance	As at the beginning of the year	During the year(SLM)	Adjt. during the year	Total up to the year-end	As at the current year ended 31.03.2018	As at the current year ended 31.03.2017
INSTITUTE											
1. Land			5,21,45,714.00		5,21,45,714.00		-			5,21,45,714.00	5,21,45,714.00
2. Buildings	C 1	2%- SLM	1,26,28,28,974.48	-	1,26,28,28,974.48	28,90,21,785.00	2,52,56,580.00	-	31,42,78,365.00	94,85,50,609.48	97,38,07,189.48
3.Plant, machinery and equipment	C 2	5%- SLM	69,67,82,204.19	69,63,451.00	70,37,45,655.19	35,70,99,916.00	3,51,87,284.00	-	39,22,87,200.00	31,14,58,455.19	33,96,82,288.19
4. Vehicles	C 3	10%- SLM	59,74,812.00	-	59,74,812.00	54,86,772.15	1,54,036.00	-	56,40,808.15	3,34,003.85	4,88,039.85
5. Furniture and fixtures	C 4	7.5%- SLM	14,80,05,900.00	97,31,449.00	15,77,37,349.00	9,61,81,660.30	78,90,550.00	-	10,40,72,210.30	5,36,65,138.70	5,18,24,239.70
6. Office equipment	C 5	7.5%- SLM	2,32,28,135.05	82,750.00	2,33,10,885.05	1,23,97,762.25	13,37,571.00	-	1,37,35,333.25	95,75,551.80	1,08,30,372.80
7. Computer peripherals	C 6	20%- SLM	23,70,21,049.90	81,67,023.00	24,51,88,072.90	19,57,12,487.25	1,51,10,532.00	-	21,08,23,019.25	3,43,65,053.65	4,13,08,562.65
8. Electric installations	C 7	5%- SLM	11,30,84,710.00	2,11,16,559.00	13,42,01,269.00	6,52,67,167.00	66,98,086.00	-	7,19,65,253.00	6,22,36,016.00	4,78,17,543.00
9. Library books	C 8	10%- SLM	18,78,05,727.00	44,93,808.00	19,22,99,535.00	17,15,66,156.55	71,74,031.00	-	17,87,40,187.55	1,35,59,347.45	1,62,39,570.45
10. Other fixed assets	C 9	7.5%- SLM	8,50,61,477.60	1,81,884.00	8,52,43,361.60	3,29,66,234.90	53,21,565.00	-	3,82,87,799.90	4,69,55,561.70	5,20,95,242.70
11. Tube wells and water supply	C 10	2%- SLM	21,76,453.00	36,04,140.00	57,80,593.00	7,89,758.00	1,15,612.00	-	9,05,370.00	48,75,223.00	13,86,695.00
Total (A)			2,81,41,15,157.22	5,43,41,064.00	2,86,84,56,221.22	1,22,64,89,699.40	10,42,45,847.00	-	1,33,07,35,546.40	1,53,77,20,674.82	1,58,76,25,457.82
Capital works in progress (B)			31,65,821.00	4,77,82,720.00	5,09,48,541.00					5,09,48,541.00	31,65,821.00

Total (B)			31,65,821.00	4,77,82,720.00	5,09,48,541.00	-	-	-	5,09,48,541.00	31,65,821.00	
Intangible Assets (C)											
Computer Software (Dep: 40%)	C 11	40%-SLM	45,40,610.00	17,70,260.00	63,10,870.00	31,61,924.00	16,27,228.00	-	47,89,152.00	15,21,718.00	13,78,686.00
E-Journals (Dep: 40%)	C 12	40%-SLM	10,24,47,843.13	10,09,030.00	10,34,56,873.13	8,34,53,841.13	1,94,17,632.00	(80,074.00)	10,27,91,399.13	6,65,474.00	1,89,94,002.00
Total (C)			10,69,88,453.13	27,79,290.00	10,97,67,743.13	8,66,15,765.13	2,10,44,860.00	(80,074.00)	10,75,80,551.13	21,87,192.00	2,03,72,688.00
Grand Total (A+B+C)			2,92,42,69,431.35	10,49,03,074.00	3,02,91,72,505.35	1,31,31,05,464.53	12,52,90,707.00	80,074.00	1,43,83,16,097.53	1,59,08,56,407.82	1,61,11,63,966.82

SCHEDULE FORMING PART OF BALANCE SHEET

(Amount-Rs)

SCHEDULE 4-FIXED ASSETS (SUBSIDIARY)

Tangible Assets	Annx. no.	Depreci-ation Rate	GROSS BLOCK			DEPRECIATION				NET BLOCK	
			Opening Balance on 01.04.2017	Additions/ (Deductions) during the year	Closing Balance	As at the beginning of the year	During the year(SLM)	Adjt. during the year	Total up to the year-end	As at the current year ended 31.03.2018	As at the current year ended 31.03.2017
INSTITUTE											
1. Land			-	-	-	-	-	-	-	-	-
2. Buildings	C 1	2%-SLM	-	-	-	-	-	-	-	-	-
3.Plant, machinery and equipment	C 2	5%-SLM	7,30,04,814.00	60,26,873.00	7,90,31,687.00	69,30,875.00	39,51,584.00	-	1,08,82,459.00	6,81,49,228.00	6,60,73,939.00
4. Vehicles	C 3	10%-SLM	-	-	-	-	-	-	-	-	-
5. Furniture and fixtures	C 4	7.5%-SLM	9,49,664.61	26,460.00	9,76,124.61	1,42,450.00	73,210.00	-	2,15,660.00	7,60,464.61	8,07,214.61
6. Office equipment	C 5	7.5%-SLM	75,54,784.00	98,08,530.00	1,73,63,314.00	6,39,316.00	13,02,250.00	-	19,41,566.00	1,54,21,748.00	69,15,468.00
7. Computer peripherals	C 6	20%-SLM	2,63,45,094.64	10,96,074.00	2,74,41,168.64	99,73,843.00	54,88,234.00	-	1,54,62,077.00	1,19,79,091.64	1,63,71,251.64
8. Electric installations	C 7	10%-SLM	27,86,311.00	27,29,648.00	55,15,959.00	1,86,924.00	2,75,799.00	-	4,62,723.00	50,53,236.00	25,99,387.00
9. Library books	C 8	5%-SLM	1,47,02,996.00	95,234.00	1,47,98,230.00	29,38,600.00	14,79,823.00	-	44,18,423.00	1,03,79,807.00	1,17,64,396.00

10. Other fixed assets	C 9	7.5% SLM	10,38,717.00	-	10,38,717.00	1,55,808.00	77,904.00	-	2,33,712.00	8,05,005.00	8,82,909.00
11. Tube wells and water supply	C 10	2%-SLM	-	-	-	-	-	-	-	-	-
Total			12,63,82,381.25	1,97,82,819.00	14,61,65,200.25	2,09,67,816.00	1,26,48,804.00	-	3,36,16,620.00	11,25,48,580.25	10,54,14,565.25

SCHEDULE 4-FIXED ASSETS (SUBSIDIARY & INSTITUTE)

Total Assets	GROSS BLOCK			DEPRECIATION				NET BLOCK	
	Opening Balance on 01.04.2017	Additions/ (Deductions) during the year	Closing Balance	As at the beginning of the year	During the year(SLM)	Adjt. during the year	Total up to the year-end	As at the current year ended 31.03.2018	As at the current year ended 31.03.2017
Tangible Assets:									
Institute	2,81,41,15,157.22	5,43,41,064.00	2,86,84,56,221.22	1,22,64,89,699.40	10,42,45,847.00	-	1,33,07,35,546.40	1,53,77,20,674.82	1,58,76,25,457.82
Subsidiary	12,63,82,381.25	1,97,82,819.00	14,61,65,200.25	2,09,67,816.00	1,26,48,804.00	-	3,36,16,620.00	11,25,48,580.25	10,54,14,565.25
Total (A)	2,94,04,97,538.47	7,41,23,883.00	3,01,46,21,421.47	1,24,74,57,515.40	11,68,94,651.00	-	1,36,43,52,166.40	1,65,02,69,255.07	1,69,30,40,023.07
Capital works in progress (Institute) (B)	31,65,821.00	4,77,82,720.00	5,09,48,541.00	-	-	-	-	5,09,48,541.00	31,65,821.00
Intangible Assets (Institute) (C)	10,69,88,453.13	27,79,290.00	10,97,67,743.13	8,66,15,765.13	2,10,44,860.00	(80,074.00)	10,75,80,551.13	21,87,192.00	2,03,72,688.00
Total (A+B+C)	3,05,06,51,812.60	12,46,85,893.00	3,17,53,37,705.60	1,33,40,73,280.53	13,79,39,511.00	-80,074.00	1,47,19,32,717.53	1,70,34,04,988.07	1,71,65,78,532.07

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

**FIXED ASSETS
C(1). BUILDINGS**

(Amount in Rs.)

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year 17-18	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Capital Fund:	2%-SLM								
<i>Upto the year 2013-14</i>		1,20,08,90,348.48	-	1,20,08,90,348.48	28,63,05,587.00	2,40,17,807.00	31,03,23,394.00	89,05,66,954.48	91,45,84,761.48

During the year 2014-15		2,68,19,631.00	-	2,68,19,631.00	16,09,179.00	5,36,393.00	21,45,572.00	2,46,74,059.00	2,52,10,452.00
During the year 2015-16		1,83,85,669.00	-	1,83,85,669.00	7,35,426.00	3,67,713.00	11,03,139.00	1,72,82,530.00	1,76,50,243.00
During the year 2016-17		1,66,04,351.00	-	1,66,04,351.00	3,32,087.00	3,32,087.00	6,64,174.00	1,59,40,177.00	1,62,72,264.00
Sub Total		1,26,26,99,999.48	-	1,26,26,99,999.48	28,89,82,279.00	2,52,54,000.00	31,42,36,279.00	94,84,63,720.48	97,37,17,720.48
Assets out of Institute Receipts	2%- SLM								
Upto the year 2013-14		1,28,975.00	-	1,28,975.00	39,506.00	2,580.00	42,086.00	86,889.00	89,469.00
Sub Total		1,28,975.00	-	1,28,975.00	39,506.00	2,580.00	42,086.00	86,889.00	89,469.00
TOTAL		1,26,28,28,974.48	-	1,26,28,28,974.48	28,90,21,785.00	2,52,56,580.00	31,42,78,365.00	94,85,50,609.48	97,38,07,189.48

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(2). PLANT, MACHINERY & EQUIPMENT

(Amount in Rs.)

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK		
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Capital Fund:	5%- SLM							-	-	-
Upto the year 2013-14		48,42,92,853.19		48,42,92,853.19	32,96,23,421.00	2,42,14,643.00	-	35,38,38,064.00	13,04,54,789.19	15,46,69,432.19
During the year 2014-15		13,02,11,152.00		13,02,11,152.00	1,95,31,674.00	65,10,558.00	-	2,60,42,232.00	10,41,68,920.00	11,06,79,478.00
During the year 2015-16		7,52,11,037.00		7,52,11,037.00	75,21,104.00	37,60,552.00	-	1,12,81,656.00	6,39,29,381.00	6,76,89,933.00
During the year 2016-17		69,11,682.00		69,11,682.00	3,45,584.00	3,45,584.00	-	6,91,168.00	62,20,514.00	65,66,098.00
During the year 2017-18			69,63,451.00	69,63,451.00	-	3,48,173.00		3,48,173.00	66,15,278.00	-
Sub Total		69,66,26,724.19	69,63,451.00	70,35,90,175.19	35,70,21,783.00	3,51,79,510.00	-	39,22,01,293.00	31,13,88,882.19	33,96,04,941.19
Assets out of Institute Receipts	5%- SLM		-							
Upto the year 2013-14		1,55,480.00	-	1,55,480.00	78,133.00	7,774.00	-	85,907.00	69,573.00	77,347.00
Sub Total		1,55,480.00	-	1,55,480.00	78,133.00	7,774.00	-	85,907.00	69,573.00	77,347.00
TOTAL		69,67,82,204.19	69,63,451.00	70,37,45,655.19	35,70,99,916.00	3,51,87,284.00	-	39,22,87,200.00	31,14,58,455.19	33,96,82,288.19

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK		
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Subsidiaries Fund</u>	5%- SLM									
TEQIP II										
<i>Upto the year 2013-14</i>		65,76,788.00		65,76,788.00	6,57,678.00	3,28,839.00		9,86,517.00	55,90,271.00	59,19,110.00
<i>During the year 2014-15</i>		52,37,939.00		52,37,939.00	5,23,794.00	2,61,897.00		7,85,691.00	44,52,248.00	47,14,145.00
<i>During the year 2016-17</i>		26,21,943.00		26,21,943.00	1,31,097.00	1,31,097.00		2,62,194.00	23,59,749.00	24,90,846.00
<i>During the year 2017-18</i>			20,80,498.00	20,80,498.00		1,04,025.00		1,04,025.00	19,76,473.00	-
Sub Total		1,44,36,670.00	20,80,498.00	1,65,17,168.00	13,12,569.00	8,25,858.00	-	21,38,427.00	1,43,78,741.00	1,31,24,101.00
Dean Academic Affairs										
<i>Upto the year 2013-14</i>		15,380.00		15,380.00	1,538.00	769.00		2,307.00	13,073.00	13,842.00
Sub Total		15,380.00	-	15,380.00	1,538.00	769.00	-	2,307.00	13,073.00	13,842.00
Project Account										
<i>Upto the year 2013-14</i>		4,21,25,805.00		4,21,25,805.00	42,12,582.00	21,06,290.00		63,18,872.00	3,58,06,933.00	3,79,13,223.00
<i>During the year 2014-15</i>		55,00,859.00		55,00,859.00	5,50,086.00	2,75,043.00		8,25,129.00	46,75,730.00	49,50,773.00
<i>During the year 2015-16</i>		45,19,929.00		45,19,929.00	4,51,992.00	2,25,996.00		6,77,988.00	38,41,941.00	40,67,937.00
<i>During the year 2016-17</i>		45,92,746.00		45,92,746.00	2,29,637.00	2,29,637.00		4,59,274.00	41,33,472.00	43,63,109.00
<i>During the year 2017-18</i>			39,46,375.00	39,46,375.00		1,97,319.00		1,97,319.00	37,49,056.00	-
Sub Total		5,67,39,339.00	39,46,375.00	6,06,85,714.00	54,44,297.00	30,34,285.00	-	84,78,582.00	5,22,07,132.00	5,12,95,042.00
R&C Cell										

Upto the year 2013-14		16,07,475.00		16,07,475.00	1,60,748.00	80,374.00		2,41,122.00	13,66,353.00	14,46,727.00
During the year 2015-16		28,500.00		28,500.00	2,850.00	1,425.00		4,275.00	24,225.00	25,650.00
During the year 2016-17		1,77,450.00	-	1,77,450.00	8,873.00	8,873.00		17,746.00	1,59,704.00	1,68,577.00
Sub Total		18,13,425.00	-	18,13,425.00	1,72,471.00	90,672.00	-	2,63,143.00	15,50,282.00	16,40,954.00
TOTAL		7,30,04,814.00	60,26,873.00	7,90,31,687.00	69,30,875.00	39,51,584.00	-	1,08,82,459.00	6,81,49,228.00	6,60,73,939.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(3). VEHICLES

(Amount in Rs.)

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	10%- SLM								
Upto the year 2013-14 (Residual Value <= 5%)		44,34,457.00	-	44,34,457.00	42,12,734.15	-	42,12,734.15	2,21,722.85	2,21,722.85
Upto the year 2013-14		15,40,355.00	-	15,40,355.00	12,74,038.00	1,54,036.00	14,28,074.00	1,12,281.00	2,66,317.00
Sub Total		59,74,812.00	-	59,74,812.00	54,86,772.15	1,54,036.00	56,40,808.15	3,34,003.85	4,88,039.85
TOTAL		59,74,812.00	-	59,74,812.00	54,86,772.15	1,54,036.00	56,40,808.15	3,34,003.85	4,88,039.85

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(4). FURNITURE & FIXTURES

(Amount in Rs.)

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION				NET BLOCK	
		As at April 01, 2017	Additions/ (Deduction)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adj. during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	7.5%- SLM									-
<i>Upto the year 2013-14 (Residual Value <= 5%)</i>		5,25,30,034.00	-	5,25,30,034.00	4,99,03,532.30	-		4,99,03,532.30	26,26,501.70	26,26,501.70
<i>Upto the year 2013-14</i>		6,27,26,460.00		6,27,26,460.00	3,90,10,630.00	47,04,485.00	-	4,37,15,115.00	1,90,11,345.00	2,37,15,830.00
<i>During the year 2014-15</i>		2,65,20,319.00		2,65,20,319.00	59,67,069.00	19,89,024.00	-	79,56,093.00	1,85,64,226.00	2,05,53,250.00
<i>During the year 2015-16</i>		40,52,263.00		40,52,263.00	6,07,840.00	3,03,920.00	-	9,11,760.00	31,40,503.00	34,44,423.00
<i>During the year 2016-17</i>		14,26,648.00		14,26,648.00	1,06,999.00	1,06,999.00	-	2,13,998.00	12,12,650.00	13,19,649.00
<i>During the year 2017-18</i>			97,31,449.00	97,31,449.00	-	7,29,859.00		7,29,859.00	90,01,590.00	-
Sub Total		14,72,55,724.00	97,31,449.00	15,69,87,173.00	9,55,96,070.30	78,34,287.00	-	10,34,30,357.30	5,35,56,815.70	5,16,59,653.70
<u>Assets out of Institute Receipts</u>	7.5%- SLM									
<i>Upto the year 13-14</i>		7,50,176.00	-	7,50,176.00	5,85,590.00	56,263.00	-	6,41,853.00	1,08,323.00	1,64,586.00
Sub Total		7,50,176.00	-	7,50,176.00	5,85,590.00	56,263.00	-	6,41,853.00	1,08,323.00	1,64,586.00
TOTAL		14,80,05,900.00	97,31,449.00	15,77,37,349.00	9,61,81,660.30	78,90,550.00	-	10,40,72,210.30	5,36,65,138.70	5,18,24,239.70

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK		
	As at April 01, 2017	Additions/ (Deduction)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Subsidiaries Fund									
Alumni Association									
<i>During the year 2014-15</i>	52,977.61		52,977.61	7,946.00	3,973.00		11,919.00	41,058.61	45,031.61
<i>During the year 2015-16</i>	2,74,210.00		2,74,210.00	41,132.00	20,566.00		61,698.00	2,12,512.00	2,33,078.00
Sub Total	3,27,187.61	-	3,27,187.61	49,078.00	24,539.00	-	73,617.00	2,53,570.61	2,78,109.61
Project Account									
<i>Upto the year 2013-14</i>	3,00,307.00		3,00,307.00	45,046.00	22,523.00		67,569.00	2,32,738.00	2,55,261.00
<i>During the year 2015-16</i>	11,000.00		11,000.00	1,650.00	825.00		2,475.00	8,525.00	9,350.00
Sub Total	3,11,307.00	-	3,11,307.00	46,696.00	23,348.00	-	70,044.00	2,41,263.00	2,64,611.00
R&C Cell									
<i>Upto the year 2013-14</i>	65,806.00		65,806.00	9,870.00	4,935.00		14,805.00	51,001.00	55,936.00
<i>During the year 2014-15</i>	1,33,568.00		1,33,568.00	20,036.00	10,018.00		30,054.00	1,03,514.00	1,13,532.00
<i>During the year 2017-18</i>		26,460.00	26,460.00		1,985.00		1,985.00	24,475.00	-
Sub Total	1,99,374.00	26,460.00	2,25,834.00	29,906.00	16,938.00	-	46,844.00	1,78,990.00	1,69,468.00
Dean Academic									
<i>During the year 2015-16</i>	45,561.00		45,561.00	6,834.00	3,417.00		10,251.00	35,310.00	38,727.00
Sub Total	45,561.00	-	45,561.00	6,834.00	3,417.00	-	10,251.00	35,310.00	38,727.00
School of Non Formal Continuing Education (SNFCE)									
<i>Upto the year 2013-14</i>	66,235.00		66,235.00	9,936.00	4,968.00		14,904.00	51,331.00	56,299.00
Sub Total	66,235.00	-	66,235.00	9,936.00	4,968.00	-	14,904.00	51,331.00	56,299.00
TOTAL	9,49,664.61	26,460.00	9,76,124.61	1,42,450.00	73,210.00	-	2,15,660.00	7,60,464.61	8,07,214.61

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(5). OFFICE EQUIPMENT

(Amount in Rs.)

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK		
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2017	
<u>Assets out of Capital Fund:</u>	7.5%- SLM						-	-	-	-
Upto the year 2013-14 (Residual Value <= 5%)		54,76,615.00	-	54,76,615.00	52,02,784.25	-	-	52,02,784.25	2,73,830.75	2,73,830.75
Upto the year 2013-14		1,14,13,424.05	-	1,14,13,424.05	63,56,890.00	8,56,007.00	-	72,12,897.00	42,00,527.05	50,56,534.05
During the year 14-15		17,98,820.00	-	17,98,820.00	4,04,733.00	1,34,912.00	-	5,39,645.00	12,59,175.00	13,94,087.00
During the year 15-16		8,58,774.00	-	8,58,774.00	1,28,816.00	64,408.00	-	1,93,224.00	6,65,550.00	7,29,958.00
During the year 16-17		36,27,461.00		36,27,461.00	2,72,060.00	2,72,060.00	-	5,44,120.00	30,83,341.00	33,55,401.00
During the year 17-18			82,750.00	82,750.00		6,206.00		6,206.00	76,544.00	
Sub Total		2,31,75,094.05	82,750.00	2,32,57,844.05	1,23,65,283.25	13,33,593.00	-	1,36,98,876.25	95,58,967.80	1,08,09,810.80
<u>Assets out of Institute Receipts</u>	7.5%- SLM									
Upto the year 2013-14		53,041.00	-	53,041.00	32,479.00	3,978.00	-	36,457.00	16,584.00	20,562.00
Sub Total		53,041.00	-	53,041.00	32,479.00	3,978.00	-	36,457.00	16,584.00	20,562.00
TOTAL		2,32,28,135.05	82,750.00	2,33,10,885.05	1,23,97,762.25	13,37,571.00	-	1,37,35,333.25	95,75,551.80	1,08,30,372.80

DESCRIPTION	Dep. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2017
Assets out of Subsidiaries Fund	7.5%-SLM								
Dean Academic Affairs									
<i>Upto the year 2013-14</i>		76,070.00		76,070.00	11,410.00	5,705.00		17,115.00	58,955.00
<i>During the year 2016-17</i>		2,72,900.00	-	2,72,900.00	20,468.00	20,468.00		40,936.00	2,31,964.00
Sub Total		3,48,970.00	-	3,48,970.00	31,878.00	26,173.00	-	58,051.00	2,90,919.00
Nodal Centre									
<i>Upto the year 2013-14</i>		62,405.00		62,405.00	9,360.00	4,680.00		14,040.00	48,365.00
Sub Total		62,405.00	-	62,405.00	9,360.00	4,680.00	-	14,040.00	48,365.00
R&C Cell									
<i>Upto the year 2013-14</i>		69,243.00		69,243.00	10,386.00	5,193.00		15,579.00	53,664.00
Sub Total		69,243.00	-	69,243.00	10,386.00	5,193.00	-	15,579.00	53,664.00
Dean Academic Affairs									
<i>Upto the year 2013-14</i>		52,520.00		52,520.00	7,878.00	3,939.00		11,817.00	40,703.00
<i>During the year 14-15</i>		97,650.00		97,650.00	14,648.00	7,324.00		21,972.00	75,678.00
<i>During the year 2015-16</i>		2,29,450.00		2,29,450.00	34,418.00	17,209.00		51,627.00	1,77,823.00
Sub Total		3,79,620.00	-	3,79,620.00	56,944.00	28,472.00	-	85,416.00	2,94,204.00
Tequip II									
<i>During the year 2015-16</i>		92,398.00		92,398.00	13,860.00	6,930.00		20,790.00	71,608.00
<i>During the year 2016-17</i>		63,12,474.00		63,12,474.00	4,73,436.00	4,73,436.00		9,46,872.00	53,65,602.00
<i>During the year 2017-18</i>			98,08,530.00	98,08,530.00		7,35,640.00		7,35,640.00	90,72,890.00
Sub Total		64,04,872.00	98,08,530.00	1,62,13,402.00	4,87,296.00	12,16,006.00	-	17,03,302.00	1,45,10,100.00
Student Welfare Fund									
<i>Upto the year 2013-14</i>		2,89,674.00		2,89,674.00	43,452.00	21,726.00		65,178.00	2,24,496.00
Sub Total		2,89,674.00	-	2,89,674.00	43,452.00	21,726.00	-	65,178.00	2,24,496.00
TOTAL		75,54,784.00	98,08,530.00	1,73,63,314.00	6,39,316.00	13,02,250.00	-	19,41,566.00	1,54,21,748.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(6). COMPUTER & PERIPHERALS

(Amount in Rs.)

DESCRIPTION	Depre. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	20%- SLM								
<i>Upto the year 2013-14 (Residual Value <= 5%)</i>		7,13,28,288.00	-	7,13,28,288.00	6,77,61,873.60	-	6,77,61,873.60	35,66,414.40	35,66,414.40
<i>Upto the year 2013-14</i>		9,69,75,819.90		9,69,75,819.90	9,21,27,028.90		9,21,27,028.90	48,48,791.00	48,48,791.00
<i>During the year 2014-15</i>		4,60,49,592.00		4,60,49,592.00	2,76,29,754.00	92,09,918.00	3,68,39,672.00	92,09,920.00	1,84,19,838.00
<i>During the year 2015-16</i>		1,33,09,412.00		1,33,09,412.00	53,23,764.00	26,61,882.00	79,85,646.00	53,23,766.00	79,85,648.00
<i>During the year 2016-17</i>		80,26,633.00		80,26,633.00	16,05,327.00	16,05,327.00	32,10,654.00	48,15,979.00	64,21,306.00
<i>During the year 2017-18</i>			81,67,023.00	81,67,023.00	-	16,33,405.00	16,33,405.00	65,33,618.00	-
Sub Total		23,56,89,744.90	81,67,023.00	24,38,56,767.90	19,44,47,747.50	1,51,10,532.00	20,95,58,279.50	3,42,98,488.40	4,12,41,997.40
<u>Assets out of Institute Receipts</u>	20%- SLM								
<i>Upto the year 13-14 (Residual Value <= 5%)</i>		13,31,305.00	-	13,31,305.00	12,64,739.75	-	12,64,739.75	66,565.25	66,565.25
Sub Total		13,31,305.00	-	13,31,305.00	12,64,739.75	-	12,64,739.75	66,565.25	66,565.25
TOTAL		23,70,21,049.90	81,67,023.00	24,51,88,072.90	19,57,12,487.25	1,51,10,532.00	21,08,23,019.25	3,43,65,053.65	4,13,08,562.65

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Subsidiaries Fund</u>	20%- SLM								
Alumni Association									
Upto the year 2013-14		65,193.00		65,193.00	26,078.00	13,039.00	39,117.00	26,076.00	39,115.00
During the year 2014-15		27,965.64		27,965.64	11,186.00	5,593.00	16,779.00	11,186.64	16,779.64
During the year 2015-16		2,69,632.00		2,69,632.00	1,07,852.00	53,926.00	1,61,778.00	1,07,854.00	1,61,780.00
During the year 2016-17				-			-	-	-
Sub Total		3,62,790.64	-	3,62,790.64	1,45,116.00	72,558.00	2,17,674.00	1,45,116.64	2,17,674.64
Dean Academic Affairs									
Upto the year 2013-14		34,500.00		34,500.00	13,800.00	6,900.00	20,700.00	13,800.00	20,700.00
During the year 2015-16		17,775.00		17,775.00	7,110.00	3,555.00	10,665.00	7,110.00	10,665.00
During the year 2016-17		8,655.00	-	8,655.00	1,731.00	1,731.00	3,462.00	5,193.00	6,924.00
Sub Total		60,930.00	-	60,930.00	22,641.00	12,186.00	34,827.00	26,103.00	38,289.00
Industrial Estate									
Upto the year 2013-14		43,877.00		43,877.00	17,550.00	8,775.00	26,325.00	17,552.00	26,327.00
During the year 2015-16		14,495.00		14,495.00	5,798.00	2,899.00	8,697.00	5,798.00	8,697.00
Sub Total		58,372.00	-	58,372.00	23,348.00	11,674.00	35,022.00	23,350.00	35,024.00
Nodal Centre									
Upto the year 2013-14		85,306.00		85,306.00	34,122.00	17,061.00	51,183.00	34,123.00	51,184.00
Sub Total		85,306.00	-	85,306.00	34,122.00	17,061.00	51,183.00	34,123.00	51,184.00
Project Account									
Upto the year 2013-14		65,55,940.00		65,55,940.00	26,22,376.00	13,11,188.00	39,33,564.00	26,22,376.00	39,33,564.00
During the year 2014-15		3,11,440.00		3,11,440.00	1,24,576.00	62,288.00	1,86,864.00	1,24,576.00	1,86,864.00
During the year 2015-16		1,09,394.00		1,09,394.00	43,758.00	21,879.00	65,637.00	43,757.00	65,636.00
During the year 2016-17		28,12,318.00		28,12,318.00	5,62,464.00	5,62,464.00	11,24,928.00	16,87,390.00	22,49,854.00
During the year 2017-18			10,96,074.00	10,96,074.00		2,19,215.00	2,19,215.00	8,76,859.00	-
Sub Total		97,89,092.00	10,96,074.00	1,08,85,166.00	33,53,174.00	21,77,034.00	55,30,208.00	53,54,958.00	64,35,918.00
R&C Cell									
Upto the year 2013-14		1,58,12,923.00		1,58,12,923.00	63,25,170.00	31,62,585.00	94,87,755.00	63,25,168.00	94,87,753.00
During the year 2014-15		21,131.00		21,131.00	8,452.00	4,226.00	12,678.00	8,453.00	12,679.00

During the year 2015-16		1,54,550.00		1,54,550.00	61,820.00	30,910.00	92,730.00	61,820.00	92,730.00
Sub Total		1,59,88,604.00	-	1,59,88,604.00	63,95,442.00	31,97,721.00	95,93,163.00	63,95,441.00	95,93,162.00
TOTAL		2,63,45,094.64	10,96,074.00	2,74,41,168.64	99,73,843.00	54,88,234.00	1,54,62,077.00	1,19,79,091.64	1,63,71,251.64

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(7). ELECTRIC INSTALLATIONS

(Amount in Rs.)

DESCRIPTION	Dep. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	5%- SLM								
Upto the year 2013-14 (Residual Value <= 5%)		66,63,970.00	-	66,63,970.00	60,09,550.00	3,21,221.00	63,30,771.00	3,33,199.00	6,54,420.00
Upto the year 2013-14		10,21,54,196.00		10,21,54,196.00	5,87,71,032.00	51,07,710.00	6,38,78,742.00	3,82,75,454.00	4,33,83,164.00
During the year 2014-15		5,68,883.00		5,68,883.00	85,332.00	28,444.00	1,13,776.00	4,55,107.00	4,83,551.00
During the year 2015-16		12,60,341.00		12,60,341.00	1,26,034.00	63,017.00	1,89,051.00	10,71,290.00	11,34,307.00
During the year 2016-17		22,10,220.00		22,10,220.00	1,10,511.00	1,10,511.00	2,21,022.00	19,89,198.00	20,99,709.00
During the year 2017-18		-	2,11,16,559.00	2,11,16,559.00		10,55,828.00	10,55,828.00	2,00,60,731.00	-
Sub Total		11,28,57,610.00	2,11,16,559.00	13,39,74,169.00	6,51,02,459.00	66,86,731.00	7,17,89,190.00	6,21,84,979.00	4,77,55,151.00
<u>Assets out of Institute Receipts</u>	5%- SLM								
Upto the year 2013-14		2,27,100.00	-	2,27,100.00	1,64,708.00	11,355.00	1,76,063.00	51,037.00	62,392.00
Sub Total		2,27,100.00	-	2,27,100.00	1,64,708.00	11,355.00	1,76,063.00	51,037.00	62,392.00
TOTAL		11,30,84,710.00	2,11,16,559.00	13,42,01,269.00	6,52,67,167.00	66,98,086.00	7,19,65,253.00	6,22,36,016.00	4,78,17,543.00

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of</u>	5%- SLM								

Subsidiaries Fund									
Project Account									
<i>Upto the year 2013-14</i>		3,62,271.00		3,62,271.00	36,226.00	18,114.00	54,340.00	3,07,931.00	3,26,045.00
<i>During the year 2014-15</i>		1,88,874.00		1,88,874.00	18,888.00	9,444.00	28,332.00	1,60,542.00	1,69,986.00
<i>During the year 2016-17</i>		18,34,154.00		18,34,154.00	91,708.00	91,708.00	1,83,416.00	16,50,738.00	17,42,446.00
<i>During the year 2017-18</i>			27,29,648.00	27,29,648.00		1,36,482.00	1,36,482.00	25,93,166.00	-
Sub Total		23,85,299.00	27,29,648.00	51,14,947.00	1,46,822.00	2,55,748.00	4,02,570.00	47,12,377.00	22,38,477.00
R&C Cell									
<i>Upto the year 2013-14</i>		18,775.00		18,775.00	1,878.00	939.00	2,817.00	15,958.00	16,897.00
<i>During the year 2014-15</i>		89,962.00		89,962.00	8,996.00	4,498.00	13,494.00	76,468.00	80,966.00
Sub Total		1,08,737.00	-	1,08,737.00	10,874.00	5,437.00	16,311.00	92,426.00	97,863.00
Dean Academics									
<i>During the year 2015-16</i>		1,68,355.00		1,68,355.00	16,836.00	8,418.00	25,254.00	1,43,101.00	1,51,519.00
Sub Total		1,68,355.00	-	1,68,355.00	16,836.00	8,418.00	25,254.00	1,43,101.00	1,51,519.00
Student Welfare Fund									
<i>Upto the year 2013-14</i>		1,23,920.00		1,23,920.00	12,392.00	6,196.00	18,588.00	1,05,332.00	1,11,528.00
Sub Total		1,23,920.00	-	1,23,920.00	12,392.00	6,196.00	18,588.00	1,05,332.00	1,11,528.00
TOTAL		27,86,311.00	27,29,648.00	55,15,959.00	1,86,924.00	2,75,799.00	4,62,723.00	50,53,236.00	25,99,387.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(8). LIBRARY BOOKS

(Amount in Rs.)

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	10%- SLM								
<i>Upto the year 13-14 (Residual Value <= 5%)</i>		5,27,64,729.00	-	5,27,64,729.00	5,01,26,492.55	-	5,01,26,492.55	26,38,236.45	26,38,236.45
<i>Upto the year</i>		13,17,24,709.00	-	13,17,24,709.00	11,84,36,485.00	67,01,989.00	12,51,38,474.00	65,86,235.00	1,32,88,224.00

2013-14									
During the year 2014-15		2,26,609.00	-	2,26,609.00	67,983.00	22,661.00	90,644.00	1,35,965.00	1,58,626.00
During the year 2017-18			44,93,808.00	44,93,808.00	-	4,49,381.00	4,49,381.00	40,44,427.00	-
Sub Total		18,47,16,047.00	44,93,808.00	18,92,09,855.00	16,86,30,960.55	71,74,031.00	17,58,04,991.55	1,34,04,863.45	1,60,85,086.45
Assets out of Institute Receipts	10%- SLM								
Upto the year 2013-14		30,89,680.00	-	30,89,680.00	29,35,196.00		29,35,196.00	1,54,484.00	1,54,484.00
Sub Total		30,89,680.00	-	30,89,680.00	29,35,196.00	-	29,35,196.00	1,54,484.00	1,54,484.00
TOTAL		18,78,05,727.00	44,93,808.00	19,22,99,535.00	17,15,66,156.55	71,74,031.00	17,87,40,187.55	1,35,59,347.45	1,62,39,570.45

DESCRIPTION	Depreciation Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Subsidiaries Fund	10%- SLM								-
Project Account									
Upto the year 2013-14		7,15,863.00		7,15,863.00	1,43,172.00	71,586.00	2,14,758.00	5,01,105.00	5,72,691.00
During the year 2014-15		75,588.00		75,588.00	15,118.00	7,559.00	22,677.00	52,911.00	60,470.00
During the year 2015-16		30,469.00		30,469.00	6,094.00	3,047.00	9,141.00	21,328.00	24,375.00
During the year 2016-17		20,000.00		20,000.00	2,000.00	2,000.00	4,000.00	16,000.00	18,000.00
During the year 2017-18			95,234.00	95,234.00		9,523.00	9,523.00	85,711.00	-
Sub Total		8,41,920.00	95,234.00	9,37,154.00	1,66,384.00	93,715.00	2,60,099.00	6,77,055.00	6,75,536.00
TEQIP II									
Upto the year 2013-14		1,38,61,076.00		1,38,61,076.00	27,72,216.00	13,86,108.00	41,58,324.00	97,02,752.00	1,10,88,860.00
Sub Total		1,38,61,076.00	-	1,38,61,076.00	27,72,216.00	13,86,108.00	41,58,324.00	97,02,752.00	1,10,88,860.00
TOTAL		1,47,02,996.00	95,234.00	1,47,98,230.00	29,38,600.00	14,79,823.00	44,18,423.00	1,03,79,807.00	1,17,64,396.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(9). OTHER FIXED ASSETS

(Amount in Rs.)

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Capital Fund:</u>	7.5%- SLM								
Upto the year 2013-14 (Residual Value <= 5%)		1,42,89,162.00	-	1,42,89,162.00	1,35,74,703.90		1,35,74,703.90	7,14,458.10	7,14,458.10
Upto the year 2013-14		4,29,43,733.60	-	4,29,43,733.60	1,30,92,687.00	32,20,780.00	1,63,13,467.00	2,66,30,266.60	2,98,51,046.60
During the year 2014-15		2,70,20,157.00	-	2,70,20,157.00	60,79,536.00	20,26,512.00	81,06,048.00	1,89,14,109.00	2,09,40,621.00
During the year 2015-16		6,71,338.00	-	6,71,338.00	1,00,700.00	50,350.00	1,51,050.00	5,20,288.00	5,70,638.00
During the year 2017-18			1,81,884.00	1,81,884.00		13,641.00	13,641.00	1,68,243.00	-
Sub Total		8,49,24,390.60	1,81,884.00	8,51,06,274.60	3,28,47,626.90	53,11,283.00	3,81,58,909.90	4,69,47,364.70	5,20,76,763.70
<u>Assets out of Institute Receipts</u>	7.5%- SLM								
Upto the year 2013-14		1,37,087.00	-	1,37,087.00	1,18,608.00	10,282.00	1,28,890.00	8,197.00	18,479.00
Sub Total		1,37,087.00	-	1,37,087.00	1,18,608.00	10,282.00	1,28,890.00	8,197.00	18,479.00
TOTAL		8,50,61,477.60	1,81,884.00	8,52,43,361.60	3,29,66,234.90	53,21,565.00	3,82,87,799.90	4,69,55,561.70	5,20,95,242.70

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
<u>Assets out of Subsidiaries Fund</u>	7.5%- SLM								
Student Welfare Fund									
Upto the year 2013-14		10,15,359.00		10,15,359.00	1,52,304.00	76,152.00	2,28,456.00	7,86,903.00	8,63,055.00
Sub Total		10,15,359.00	-	10,15,359.00	1,52,304.00	76,152.00	2,28,456.00	7,86,903.00	8,63,055.00
Alumni Association									

During the year 2016-17		23,358.00	-	23,358.00	3,504.00	1,752.00	5,256.00	18,102.00	19,854.00
Sub Total		23,358.00	-	23,358.00	3,504.00	1,752.00	5,256.00	18,102.00	19,854.00
TOTAL		10,38,717.00	-	10,38,717.00	1,55,808.00	77,904.00	2,33,712.00	8,05,005.00	8,82,909.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(10). TUBEWELL AND WATER SUPPLY

(Amount in Rs.)

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Capital Fund:	2%- SLM								
Upto the year 2013-14		20,02,100.00	-	20,02,100.00	7,86,271.00	40,042.00	8,26,313.00	11,75,787.00	12,15,829.00
During the year 2016-17		1,74,353.00		1,74,353.00	3,487.00	3,487.00	6,974.00	1,67,379.00	1,70,866.00
During the year 2017-18			36,04,140.00	36,04,140.00	-	72,083.00	72,083.00	35,32,057.00	-
Sub Total		21,76,453.00	36,04,140.00	57,80,593.00	7,89,758.00	1,15,612.00	9,05,370.00	48,75,223.00	13,86,695.00
TOTAL		21,76,453.00	36,04,140.00	57,80,593.00	7,89,758.00	1,15,612.00	9,05,370.00	48,75,223.00	13,86,695.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'C' OF SCH 4

FIXED ASSETS

C(11). COMPUTER SOFTWARE

(Amount in Rs.)

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK	
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Capital Fund:	40%- SLM								
During the year 2014-15		22,42,800.00	-	22,42,800.00	22,42,800.00		22,42,800.00	-	-

During the year 2015-16		-	-	-	-	-	-	-	-
During the year 2016-17		22,97,810.00		22,97,810.00	9,19,124.00	9,19,124.00	18,38,248.00	4,59,562.00	13,78,686.00
During the year 2017-18			17,70,260.00	17,70,260.00	-	7,08,104.00	7,08,104.00	10,62,156.00	
Total		45,40,610.00	17,70,260.00	63,10,870.00	31,61,924.00	16,27,228.00	47,89,152.00	15,21,718.00	13,78,686.00

SCHEDULE FORMING PART OF BALANCE SHEET
ANNEXURE 'C' OF SCH 4
**FIXED ASSETS
C(12). LIBRARY BOOKS E-JOURNALS**

(Amount in Rs.)

DESCRIPTION	Depr. Rate	GROSS BLOCK			DEPRECIATION			NET BLOCK		
		As at April 01, 2017	Additions/ (Deductions)	As at March 31, 2018	As at April 01, 2017	Depreciation during the year	Adjustment during the year	As at March 31, 2018	As at March 31, 2018	As at March 31, 2017
Assets out of Capital Fund:	40%- SLM									
During the year 14-15		36,74,129.13	-	36,74,129.13	36,74,129.13	-	-	36,74,129.13	-	-
During the year 15-16		9,49,70,008.00	(1,00,093.00)	9,48,69,915.00	7,59,76,006.00	1,89,73,983.00	(80,074.00)	9,48,69,915.00	-	1,89,94,002.00
During the year 16-17		38,03,706.00		38,03,706.00	38,03,706.00		-	38,03,706.00	-	-
During the year 17-18			11,09,123.00	11,09,123.00		4,43,649.00		4,43,649.00	6,65,474.00	-
Total		10,24,47,843.13	10,09,030.00	10,34,56,873.13	8,34,53,841.13	1,94,17,632.00	(80,074.00)	10,27,91,399.13	6,65,474.00	1,89,94,002.00

**SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 5- INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS**

(Amount-Rs)

INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities	-	-
2. In State Government Securities		
3. Other approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Term Deposits with Banks	-	-
6. Others (to be specified) (Refer Annexure D-1)	44,01,68,490.96	40,85,80,669.00
TOTAL	44,01,68,490.96	40,85,80,669.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'D' OF SCH 5

INVESTMENTS

'D-1' - INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Deposited during the Year	Encashed during the Year	As at March 31, 2018		As at March 31, 2017
General Provident Fund:						
Treasury Account	10,07,349.00			10,07,349.00		10,07,349.00
Fixed Deposit with Bank	22,71,69,919.00	24,19,04,742.00	22,01,45,932.00	24,89,28,729.00		22,71,69,919.00
Interest Accrued on FDR-GPF	50,09,499.00	1,40,58,141.00	1,37,58,810.00	53,08,830.00	25,52,44,908.00	50,09,499.00
Contributory Provident Fund:						
Fixed Deposit Receipt	1,22,98,067.00	1,11,13,894.00	90,22,491.00	1,43,89,470.00		1,22,98,067.00
Interest Accrued on FDR-CPF	13,15,579.00	9,72,065.02	21,15,786.00	1,71,858.02	1,45,61,328.02	13,15,579.00
Corpus Fund:						
Corpus Fund-TDR	14,58,00,000.00	16,46,79,553.00	14,58,00,000.00	16,46,79,553.00		14,58,00,000.00
Development Fund-TDR	5,50,000.00	6,31,835.00	5,50,000.00	6,31,835.00		5,50,000.00
Maintenance Fund-TDR	5,50,000.00	6,31,835.00	5,50,000.00	6,31,835.00		5,50,000.00
Staff Development Fund-TDR	12,00,000.00	13,78,551.00	12,00,000.00	13,78,551.00	16,73,21,774.00	12,00,000.00
Interest Accrued on Corpus fund	1,34,17,001.00	84,18,660.22	1,88,79,553.00	29,56,108.22		1,34,17,001.00
Interest Accrued on Development fund	62,952.00	39,058.94	81,835.00	20,175.94		62,952.00
Interest Accrued on Maintenance fund	62,952.00	39,058.94	81,835.00	20,175.94		62,952.00
Interest Accrued on Staff Development fund	1,37,351.00	85,220.84	1,78,551.00	44,020.84	30,40,480.94	1,37,351.00
TOTAL	40,85,80,669.00	44,39,52,614.96	41,23,64,793.00		44,01,68,490.96	40,85,80,669.00

SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 6- INVESTMENTS OTHERS

(Amount-Rs)

INVESTMENTS - OTHERS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved Securities	-	-
4. Shares	-	-

5. Debentures and Bonds	-	-
6. Term Deposits with Banks (Refer Annexure E-1)	1,07,15,77,753.00	99,74,03,315.00
TOTAL	1,07,15,77,753.00	99,74,03,315.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'E-1' OF SCH 6

INVESTMENT OTHERS

E-1 - NON-EARMARKED FUNDS- TERM DEPOSITS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Deposited during the Year	Encashed during the Year	As at March 31, 2018	As at March 31, 2017
INSTITUTE:					
TDR -- Institute - SBI	80,67,60,339.00	73,08,49,276.00	67,27,60,339.00	86,48,49,276.00	80,67,60,339.00
TDR -- Out of Caution Money	1,02,27,804.00			1,02,27,804.00	1,02,27,804.00
SUBSIDIARY FUNDS:					
T.D.R. with S.N.F.C.E.	1,98,02,189.00			1,98,02,189.00	1,98,02,189.00
T.D.R. with Student Welfare Fund	1,25,82,050.00	80,00,000.00		2,05,82,050.00	1,25,82,050.00
T.D.R. with Industrial Estate	3,17,92,593.00	14,96,284.00		3,32,88,877.00	3,17,92,593.00
T.D.R. with G.K. Agarwal Trust	3,00,000.00			3,00,000.00	3,00,000.00
T.D.R. with Alumni Association	1,05,41,505.00	-		1,05,41,505.00	1,05,41,505.00
T.D.R. with R&C Cell	7,53,37,636.00	47,58,930.00		8,00,96,566.00	7,53,37,636.00
T.D.R. with Sponsored Gold Medal	3,88,488.00			3,88,488.00	3,88,488.00
T.D.R. with Project Account	2,96,70,711.00	18,30,287.00		3,15,00,998.00	2,96,70,711.00
TOTAL	99,74,03,315.00	74,69,34,777.00	67,27,60,339.00	1,07,15,77,753.00	99,74,03,315.00

SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 7- CURRENT ASSETS

(Amount-Rs)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. Stock:		
a) Stores and Spares (Stock of Consumables & Other Materials)	-	-
b) Loose Tools	-	-
c) Publications	-	-

d) Laboratory Chemicals, consumables and glass ware		
e) Building Material		
f) Electric Material		
g) Stationery		
h) Water Supply Material		
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding six months-Industrial Estate	1,15,95,129.62	1,15,81,802.62
b)Others	-	-
3. Cash and Bank Balances (to be further classified as pertaining to earmarked fund or otherwise)		
Earmarked Funds		
a) With Scheduled Banks:		
On Current Accounts	-	-
On Saving Accounts (Refer Annexure F (1))	4,29,67,858.12	1,97,86,551.12
Non-Earmarked Funds		
a) With Scheduled Banks:		
On Saving Accounts (Refer Annexure F (2))	87,30,16,770.23	42,66,24,120.23
4. Post Office- Savings Accounts	-	-
TOTAL (A)	92,75,79,757.97	45,79,92,473.97

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE 'F' OF SCH 7

CURRENT ASSETS

F1- EARMARKED FUNDS- BALANCE WITH BANKS & IN HAND

(Amount in Rs.)

Particulars	Current Year 2017-18			Previous Year 2016-2017		
	Balance with Bank	Balance in Hand	Total Cash & Bank Balance	Balance with Bank	Balance in Hand	Total Cash & Bank Balance
INSTITUTE:						
Corpus Fund - SBI SB	1,02,43,024.00	-	1,02,43,024.00	96,32,841.00	-	96,32,841.00
Staff Development Fund- SBI SB	3,54,915.00	-	3,54,915.00	3,36,283.00	-	3,36,283.00
Development/Renewal Fund- SBI SB	3,39,383.00	-	3,39,383.00	3,21,690.00	-	3,21,690.00
Maintenance Fund- SBI SB	3,38,860.00	-	3,38,860.00	3,21,199.00	-	3,21,199.00
GPF-Vijaya Bank SB	1,69,26,626.00	-	1,69,26,626.00	9,49,076.00	-	9,49,076.00

CPF-SBI SB	22,94,273.12	-	22,94,273.12	1,51,534.12	-	1,51,534.12
New Pension Scheme-Vijaya Bank SB	1,24,70,777.00	-	1,24,70,777.00	80,73,928.00	-	80,73,928.00
TOTAL	4,29,67,858.12	-	4,29,67,858.12	1,97,86,551.12	-	1,97,86,551.12

SCHEDULE FORMING PART OF BALANCE SHEET**ANNEXURE 'F' OF SCH 7****CURRENT ASSETS****F-2 - NON-EARMARKED FUNDS: BALANCE WITH BANKS & IN HAND**

(Amount in Rs.)

Particulars	Current Year 2017-18			Previous Year 2016-2017		
	Balance with Bank	Balance in Hand	Total Cash & Bank Balance	Balance with Bank	Balance in Hand	Total Cash & Bank Balance
INSTITUTE:						
Cash in Hand		7,470.00	7,470.00		49,272.00	49,272.00
with Vijaya Bank with Autosweep	22,89,34,514.78		22,89,34,514.78	12,13,67,533.07		12,13,67,533.07
with State Bank of India - Power Jyoti	11,711.71		11,711.71	9,038.71		9,038.71
with State Bank of India - Fees A/C with Autosweep	46,50,07,327.96		46,50,07,327.96	16,82,37,546.96		16,82,37,546.96
SUB TOTAL	69,39,53,554.45	7,470.00	69,39,61,024.45	28,96,14,118.74	49,272.00	28,96,63,390.74
SUBSIDIARY FUNDS:						
Admission Committee	7,04,312.00		7,04,312.00	7,04,312.00		7,04,312.00
Industrial Estate	1,13,35,054.51		1,13,35,054.51	1,08,98,809.51		1,08,98,809.51
Kitchen Project	6,272.00		6,272.00	6,272.00		6,272.00
Text Book Lending Bank	5,80,878.00		5,80,878.00	5,48,659.00		5,48,659.00
G.K. Agarwal Trust	2,89,206.00		2,89,206.00	2,67,328.00		2,67,328.00
Nodal Centre	82,770.00		82,770.00	82,770.00		82,770.00
Product Development & Training Centre	2,08,867.00		2,08,867.00	2,00,952.00		2,00,952.00
Student Welfare Fund	52,27,308.00		52,27,308.00	95,25,845.00		95,25,845.00
School of Non Formal & Cont. Education	45,46,927.00		45,46,927.00	38,43,146.00		38,43,146.00
Alumni Association	68,16,543.37		68,16,543.37	13,29,553.83		13,29,553.83
TEQIP - II	23,03,369.70		23,03,369.70	2,02,67,452.45		2,02,67,452.45
Research & Consultancy Cell	3,53,11,138.92		3,53,11,138.92	3,02,43,021.42		3,02,43,021.42
Dean Academic Affairs	1,89,27,319.20		1,89,27,319.20	2,97,17,201.50		2,97,17,201.50
Project Account	9,24,61,079.08		9,24,61,079.08	2,91,05,010.78		2,91,05,010.78

Sponsored Gold Medal	2,54,701.00		2,54,701.00	2,20,396.00		2,20,396.00
SUB TOTAL	17,90,55,745.78	-	17,90,55,745.78	13,69,60,729.49	-	13,69,60,729.49
TOTAL	87,30,09,300.23	7,470.00	87,30,16,770.23	42,65,74,848.23	49,272.00	42,66,24,120.23

SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 8 - LOANS, ADVANCES AND DEPOSITS

(Amount-Rs)

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
1. Advances to employees: (Non-interest bearing)		
a) Salary	-	-
b) Festival	-	-
c) Medical Advance	-	-
d) Other (to be specified) (Refer Annexure G (1) &(2))	1,54,11,799.27	2,04,94,991.27
2. Long Term Advances to employees: (Interest bearing)		
a) Vehicle loan	-	-
b) Home loan	-	-
c) Others (to be specified)	-	-
3. Advances and other amounts recoverable in cash or in kind or for value to be received:		
a) On Capital Account (Refer Annexure G (3))	49,55,20,739.00	49,23,08,822.00
b) to suppliers	-	-
c) Others (Refer Annexure G (4))	1,72,32,218.00	1,73,33,449.00
4. Prepaid Expenses		
a) Insurance	-	-
b) Other expenses		
Software	15,49,230.00	-
5. Deposits		
a) Telephone	-	-
b) Lease Rent	-	-
c) Electricity	-	-
d) AICTE, if applicable	-	-
e) Others (to be specified)	-	-
6. Income Accrued:		
a) On Investments other than Earmarked/ Endowment Funds (Refer Annexure G (5))	4,73,05,698.37	5,27,74,286.00
b) On Investments-Others	-	-

c) On Loans and Advances	-	-
d) Others (includes income due unrealized-Rs.....)	-	-
7. Other receivable		
a) Debit balances in Sponsored Projects	-	-
b) Debit balances in Fellowship & Scholarship (Refer Annexure G (6))	66,84,558.00	62,55,735.00
c) Grants Recoverable		-
d) Recoverable from SBI on Account of TDS		14,55,616.00
e) Excess Utilisation Of Grant		-
8. Claims Receivable		-
Tax Deducted at Source	1,21,62,040.00	51,95,409.00
TOTAL	59,58,66,282.64	59,58,18,308.27

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE G OF SCH 8

LOANS, ADVANCES AND DEPOSITS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Advances given during the Current Year 2017-18	Advances Adjusted during the Current Year 2017-18	Journal Entry Adjustments	As at March 31, 2018	As at March 31, 2017
G(1). Advances to Employees						
1. Salary						
Institute-Staff Advances - G-(i)	1,09,15,089.27	2,00,50,191.00	2,45,49,010.00	-	64,16,270.27	1,09,15,089.27
Institute- Permanent Imprest - G-(ii)	9,12,520.00	4,50,966.00	4,87,434.00	-	8,76,052.00	9,12,520.00
TOTAL	1,18,27,609.27	2,05,01,157.00	2,50,36,444.00	-	72,92,322.27	1,18,27,609.27
G(2). Advances - Others						
Institute-Interest recoverable from GPF	9,70,000.00	-	-	-	9,70,000.00	9,70,000.00
TEQUIP II STIPEND	6,95,971.00	-	6,95,971.00		-	6,95,971.00
Institute-Science City- Recoverable Expense	92,325.00			-	92,325.00	92,325.00
Institute-LC Debit on account R&C	61,02,585.00				61,02,585.00	61,02,585.00
TEQUIP III	-	7,86,160.00	6,38,094.00		1,48,066.00	-
Subsidiary-Miscellaneous Advances	8,06,501.00			-	8,06,501.00	8,06,501.00
TOTAL	86,67,382.00	7,86,160.00	13,34,065.00	-	81,19,477.00	86,67,382.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE G OF SCH 8
(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Advances given during the Current Year 2017-18	Advances Adjusted during the Current Year 2017-18	Journal Entry Adjustments	As at March 31, 2018	As at March 31, 2017
G-3. Advances and other amounts recoverable in cash or in kind or for value to be received -- On Capital Account						
Advances for Fixed Assets & Revenue Expenses - G-(iii)	48,94,78,396.00	90,32,734.00	85,72,857.00	-	48,99,38,273.00	48,94,78,396.00
Subsidiary						
Project Account - Advance for Plant and Machinery	28,30,426.00	27,52,040.00			55,82,466.00	28,30,426.00
TOTAL	49,23,08,822.00	1,17,84,774.00	85,72,857.00	-	49,55,20,739.00	49,23,08,822.00
G(4). Advances and other amounts recoverable in cash or in kind or for value to be received - Others						
Institute						
Recoverable Deposit- Institute- G.I. for Students	-	13,74,169.00	12,38,136.00	-	1,36,033.00	-
Recoverable Deposit- Institute-Group Insurance Scheme		1,60,557.00			1,60,557.00	
Subsidiary						
Subsidiary- Alumni Association - Advance & Imprest	5,000.00	45,000.00	30,605.00	-	19,395.00	5,000.00
Subsidiary-Dean Academics - Advances	38,510.00	10,00,000.00	-	-	10,38,510.00	38,510.00
Subsidiary-Project Account - Advance & Imprest	8,55,701.00	6,86,685.00	8,63,375.00	-	6,79,011.00	8,55,701.00
R&C Cell - Advances & Imprest	12,99,149.00	9,55,000.00	13,99,000.00	-	8,55,149.00	12,99,149.00
R&C Cell - Receivable against Uncleared Cheque	1,02,630.00			-	1,02,630.00	1,02,630.00
R&C Cell - Receivable from Project Account	1,53,618.00	8,26,245.00	8,26,245.00	-	1,53,618.00	1,53,618.00
R&C Cell - Loan/Cont. to GPF A/c towards Interest	78,00,000.00			-	78,00,000.00	78,00,000.00
R&C Cell - TEQUIP III		15,00,000.00	-		15,00,000.00	
SNFCE - Receivable against FDP	14,81,074.00		-	-	14,81,074.00	14,81,074.00
SNFCE- C-Dac	1,26,608.00				1,26,608.00	1,26,608.00
SNFCE- Advances & Imprest	-	5,000.00	-		5,000.00	-
Subsidiary-Student Welfare Fund - Advance	1,87,827.00			-	1,87,827.00	1,87,827.00
Subsidiary-Student Welfare Fund - LIC	37,636.00			-	37,636.00	37,636.00
Industrial Estate-Advance for Construction of Road	10,50,000.00	-		-	10,50,000.00	10,50,000.00
Industrial Estate-Advance for imprest	1,500.00	-	-		1,500.00	1,500.00
Industrial Estate-Recoverable from Institute on account of TDS	1,09,398.00	-	-	-	1,09,398.00	1,09,398.00

Industrial Estate-Service Tax under Appeal		14,39,166.00	-		14,39,166.00	
Tequip II- Recoverable Advance	37,35,692.00	-	37,35,692.00		-	37,35,692.00
Loan to Tanzanian Student Project	2,51,000.00			-	2,51,000.00	2,51,000.00
Loan to Student Subsidiary Funds	91,000.00			-	91,000.00	91,000.00
Recoverable Deposit- Subsidiaries-Security & Earnest Money	7,106.00				7,106.00	7,106.00
TOTAL	1,73,33,449.00	79,91,822.00	80,93,053.00	-	1,72,32,218.00	1,73,33,449.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE G OF SCH 8

G(5). Income Accrued - On Investments other than Earmarked/Endowment Funds

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2017	Transactions during the year		As at March 31, 2018	As at March 31, 2017
		Debit	Credit		
On Term Deposit					
Institute:					
TDR - Institute	5,10,39,671.00	5,47,46,038.37	5,95,25,763.00	4,62,59,946.37	5,10,39,671.00
Subsidiary Funds:					
T.D.R. with Alumni Association	36,582.00			36,582.00	36,582.00
T.D.R. with Sponsored Gold Medal	2,435.00			2,435.00	2,435.00
T.D.R. with Industrial Estate	12,93,997.00	-	6,88,863.00	6,05,134.00	12,93,997.00
Student Welfare Fund					
T.D.R. with Student Welfare Fund	1,09,675.00			1,09,675.00	1,09,675.00
T.D.R. out of Caution Money	2,91,926.00			2,91,926.00	2,91,926.00
TOTAL	5,27,74,286.00	5,47,46,038.37	6,02,14,626.00	4,73,05,698.37	5,27,74,286.00

SCHEDULE FORMING PART OF BALANCE SHEET

ANNEXURE G OF SCH 8

G(6). DEBIT BALANCES IN FELLOWSHIP & SCHOLARSHIP

(Amount in Rs.)

HEAD OF ACCOUNT	OPENING BALANCE AS ON 01/04/2017		TRANSACTION DURING THE YEAR 2017-18		CLOSING BALANCE AS ON 31/03/2018	
	DEBIT	CREDIT	DEBIT	CREDIT	DEBIT	CREDIT
Board of Apprenticeship Training	13,29,636.00		-	-	13,29,636.00	-

CSIR Delhi	4,48,585.00		5,19,781.00	90,958.00	8,77,408.00	-
Fellowship (MHRD)	1,47,489.00				1,47,489.00	-
ICSSR Project	1,92,000.00				1,92,000.00	-
National Seminar (HSS Department)	1,40,017.00				1,40,017.00	-
PHE Stip & Contingency	45,485.00				45,485.00	-
QIP Polytechnique	35,67,881.00				35,67,881.00	-
Seminar on Electric Power Conversion	72,458.00				72,458.00	-
UPCST Domestic Waste Water Treatment	79,402.00				79,402.00	-
Workshop Virtual Instrumentation & Its Application	1,556.00				1,556.00	-
Fellowship (CSIR)	2,31,226.00				2,31,226.00	-
TOTAL	62,55,735.00	-	5,19,781.00	90,958.00	66,84,558.00	-

GROUPING FORMING PART OF THE SCHEDULE TO THE BALANCE SHEET

ANNEXURE G-1 OF SCH 8

LOANS, ADVANCES AND DEPOSITS

G-(i) - Advances to Staff

Sl. No.	Particulars	Opening Balance	During the year		Closing Balance
			Debit	Credit	
1	Algu Prasad Gaur		2,000.00	2,000.00	-
2	Amit Dhawan Eced		79,000.00	79,000.00	-
3	Anant Kumar Tiwari Senior Assistant		8,000.00	8,000.00	-
4	Dr Arun Prakash	42,608.00		42,608.00	-
5	Dr. Rajesh Tripathi Csed		80,000.00	80,000.00	-
6	Dr Ravi Prakash(Med)	1,92,000.00		1,92,000.00	-
7	Dr. Sunita Agarwal	1,85,000.00		1,85,000.00	-
8	Mewa Lal Yadav		4,000.00	4,000.00	-
9	Pankaj Sikka		95,000.00	95,000.00	-
10	Prof. R.K. Singh		45,000.00	45,000.00	-
11	Santosh Kumar Gupta Eced		1,08,000.00	1,08,000.00	-
12	Shri Kant Tiwari		4,000.00	4,000.00	-
13	Abhay Raj Singh	15,000.00		15,000.00	-
14	A K Singh Engineer (E)	1,39,000.00	1,54,500.00	2,93,500.00	-
15	A.K Singh (Gis Cell)	1,08,551.00		1,08,551.00	-

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16	Ambak Kumar Rai	1,94,000.00	1,40,050.00	3,34,050.00	-
17	Anil Kumar	18,000.00	13,000.00	31,000.00	-
18	Animesh K Ojha		1,42,000.00	1,42,000.00	-
19	Anirudh Kumar Chaudhary	14,460.00	1,90,000.00	2,04,460.00	-
20	Anjana Pandey		2,00,000.00	2,00,000.00	-
21	Anuj Jain	31,281.00	4,53,000.00	3,56,651.00	1,27,630.00
22	Anupam Rawat	80,000.00	1,17,000.00	1,97,000.00	-
23	Arvind Aggarwal	80,000.00	2,30,000.00	3,10,000.00	-
24	Arvind Kant Singh		14,500.00	14,500.00	-
25	Ashutosh Kr Upadhyay	5,000.00	60,000.00	60,000.00	5,000.00
26	Ashutosh Pandey		80,000.00	80,000.00	-
27	Asim Mukherjee	1,35,000.00		1,35,000.00	-
28	Avanish Kumar Dubey	(800.00)			(800.00)
29	Banwari Lal		60,000.00	60,000.00	-
30	Basant Kumar	23,860.00	1,65,660.00	1,89,520.00	-
31	Danish Ansari		1,40,000.00	90,000.00	50,000.00
32	Dharmendra Kr Shukla	42,000.00	1,44,000.00	1,86,000.00	-
33	Divya Kumar	13,437.00		13,437.00	-
34	D.K.Yadav		2,10,000.00	2,10,000.00	-
35	Dr. A K Singh Ced		48,000.00		48,000.00
36	Dr. Ambalika Sinha	1,69,200.00		90,000.00	79,200.00
37	Dr. Anil Kumar Singh Csed		1,22,520.00	72,000.00	50,520.00
38	Dr. Anindya Bhar	75,146.00	2,910.00	78,056.00	-
39	Dr. Ashish N. Sawarkar		72,180.00	72,180.00	-
40	Dr Ashutosh Mani	44,800.00	2,28,000.00	2,23,800.00	49,000.00
41	Dr. Audhesh Narayan		40,000.00	40,000.00	-
42	Dr Audhesh Narayan (Imprest Workshop)	15,000.00			15,000.00
43	Dr Bireshwar Paul		1,49,000.00	1,49,000.00	-
44	Dr. B. Vasu	2,00,400.00	1,20,000.00	3,20,400.00	-
45	Dr. Gautam Ghosh		1,60,000.00		1,60,000.00
46	Dr. Geetika	2,16,000.00		2,04,000.00	12,000.00
47	Dr. Gorakh Nath	19,000.00	1,47,000.00	1,66,000.00	-
48	Dr. G.P Sahu		3,39,800.00	2,40,000.00	99,800.00
49	Dr Harindra Singh		1,20,000.00	1,20,000.00	-

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50	Dr H. K.Pandey	50,000.00	1,09,706.00	1,59,706.00	-
51	Dr Inder Krishan Bhatt		39,000.00	39,000.00	-
52	Dr. K.M. Gupta	22,407.00			22,407.00
53	Dr. Manoj Kumar	2,06,000.00		2,06,000.00	-
54	Dr. M. M. Gore (Imprest Dean larg)	5,000.00			5,000.00
55	Dr. Mohd. Siraj Alam	1,35,000.00	1,44,000.00	1,35,000.00	1,44,000.00
56	Dr. Mukesh Kumar		2,42,000.00	2,42,000.00	-
57	Dr. Nand Kishor		3,95,000.00	3,15,000.00	80,000.00
58	Dr. Paulson Samules	1,80,000.00		30,000.00	1,50,000.00
59	Dr P Karuppanan		27,000.00	27,000.00	-
60	Dr. P. K.Dutta		1,00,000.00	1,00,000.00	-
61	Dr. P. P Sahay		1,75,000.00	1,75,000.00	-
62	Dr. Praveen Kr. Agarwal		2,32,500.00	2,32,500.00	-
63	Dr. Priyaranjan Pal	(2,840.00)	2,23,800.00	2,23,800.00	(2,840.00)
64	Dr. Radha Rani Mewaram	45,000.00	80,000.00	1,25,000.00	-
65	Dr. Rajitha B.		1,46,000.00		1,46,000.00
66	Dr. Raj Mohan Singh	(4,996.00)	62,000.00	62,000.00	(4,996.00)
67	Dr. Rakesh Kumar	98,426.00			98,426.00
68	Dr Rakesh Narain	22,333.00	45,000.00	67,333.00	-
69	Dr. Ram Awadh Mishra Eced		2,60,000.00	2,60,000.00	-
70	Dr. Ramesh Pandey	80,070.00	50,000.00	1,30,070.00	-
71	Dr Ranvijay (Csed)	32,000.00		32,000.00	-
72	Dr. Richa Negi		2,28,000.00	1,48,000.00	80,000.00
73	Dr Sameer Srivastava	33,859.00	2,20,000.00	2,53,859.00	-
74	Dr. Sanjeev Rai		60,000.00		60,000.00
75	Dr Seema Nara		89,000.00	89,000.00	-
76	Dr. Shadeo Padhey		38,609.00	38,609.00	-
77	Dr. Shailendra Kumar Mishra	1,52,000.00	48,000.00	1,10,000.00	90,000.00
78	Dr. Shivesh Sharma	2,794.00	4,73,800.00	4,98,844.00	(22,250.00)
79	Dr. S N Pandey (Physics)	1,75,000.00	4,000.00	1,79,000.00	-
80	Dr. Tripti Singh		65,000.00	65,000.00	-
81	Dr. Vibhuti Tripathi		1,23,000.00	1,23,000.00	-
82	Dr Vijay Kumar (Ced)	80,000.00	1,00,000.00	1,80,000.00	-
83	Dr. Vishnu Agrawal	1,24,400.00		1,24,400.00	-

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84	Dushyant Kumar Singh		1,34,000.00	1,34,000.00	-
85	Election Advance	27,000.00			27,000.00
86	Festival Advance	41,63,100.00	35,35,000.00	41,30,500.00	35,67,600.00
87	Ganga Prasad	49,476.00	7,000.00	56,476.00	-
88	G.K Mehrotra	76,000.00	4,000.00	80,000.00	-
89	Harish Chandra	2,500.00		2,500.00	-
90	House Building And Vehicle Advance	37,820.00	15,820.00	51,640.00	2,000.00
91	Jitendra N. Gangwar		89,000.00		89,000.00
92	K. N Pandey		2,09,000.00	2,09,000.00	-
93	Kumar Pallav	15,000.00	93,518.00	94,418.00	14,100.00
94	Kumar Venkatesh	36,000.00	90,000.00	1,26,000.00	-
95	L.K Mishra	(2,000.00)	22,600.00	22,600.00	(2,000.00)
96	Manas Agrawal		2,80,000.00	2,80,000.00	-
97	Manish Gupta	2,29,217.00		2,29,217.00	-
98	Manish Kumar	1,50,000.00	3,00,000.00	3,50,000.00	1,00,000.00
99	Manohar Yadav		89,000.00		89,000.00
100	Manoj Kumar Gupta	48,000.00	90,000.00	48,000.00	90,000.00
101	Manoj Singh Baunal		95,000.00	95,000.00	-
102	Mayank Pandey	3,48,790.00	90,000.00	4,38,790.00	-
103	M. Venketesh Naiek		31,000.00	31,000.00	-
104	Nafees Ahmad	15,000.00		15,000.00	-
105	Nand Kumar Singh Biotechnology		4,18,000.00	4,18,000.00	-
106	Naresh Kumar	(10,702.00)	2,28,702.00	2,18,000.00	-
107	Nekram Rawal		2,62,000.00	1,64,000.00	98,000.00
108	Niraj Kumar Choudhary		26,000.00	26,000.00	-
109	Niroj Banerjee		58,000.00	58,000.00	-
110	Nitin Singh		2,00,000.00	2,00,000.00	-
111	Om Prakash Yadav		2,400.00	2,400.00	-
112	Pankaj Srivastava	94,000.00		94,000.00	-
113	Pitam Singh		81,000.00	81,000.00	-
114	Pragya Shandilya		81,000.00	81,000.00	-
115	Pramod Kumar Yadav		2,00,000.00	2,00,000.00	-
116	Rahul Dev		54,800.00	54,800.00	-
117	Rajeev Gupta	91,620.00	1,41,000.00	2,32,620.00	-

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118	Ram Bahadur Yadav		5,000.00	5,000.00	-
119	Ram Ji Dwivedi	1,59,903.00	3,38,155.00	4,77,364.00	20,694.00
120	Ram Pal Singh		2,43,864.00	2,43,864.00	-
121	Ravindra Tripathi		40,000.00	6,290.00	33,710.00
122	R.C. Vaisya	1,70,000.00	98,000.00	2,68,000.00	-
123	Rk Dewang		82,000.00	82,000.00	-
124	Rk Nagaria	5,000.00		5,000.00	-
125	R P Tiwari (Head Amd)	1,61,091.00	2,68,000.00	3,23,120.00	1,05,971.00
126	Sahid Irfaan		45,000.00	45,000.00	-
127	Sanjay Chaubey		30,000.00	30,000.00	-
128	Satyajeet Kumar		35,500.00	35,500.00	-
129	Shashwati Banerjee	(494.00)			(494.00)
130	Shiva Kant Mishra (Je) Cwm		54,000.00	54,000.00	-
131	Shree Suraj		4,000.00	4,000.00	-
132	Shrikant Sharma (A/C)	17,874.00	71,285.00	89,074.00	85.00
133	Shwetank Parihar		10,000.00	10,000.00	-
134	Shyam Babu		42,000.00	42,000.00	-
135	S. J. Pawar	96,000.00	1,14,799.00	2,10,799.00	-
136	S. K. Gaur	4,86,000.00	4,62,000.00	9,48,000.00	-
137	Skylab P Bhore		2,52,000.00	2,52,000.00	-
138	Smt. Sweta Ranjan	15,984.00			15,984.00
139	S. N. Pandey Maths	1.00	6,720.00	6,721.00	-
140	S. N. Yadav	54,095.00	93,001.00	1,47,096.00	-
141	Sonam Agrawal	10,000.00	1,30,209.00	1,40,209.00	-
142	Soumya Ranjan Mohanty		70,000.00		70,000.00
143	S. P. Verma	53,347.27	38,592.00	92,573.00	(633.73)
144	Sri Akshoy Ranjan Paul	1,30,000.00	2,72,000.00	4,02,000.00	-
145	Sri Arvind Kumar	60.00			60.00
146	Sri Bechan Ram	10,000.00	33,500.00	33,500.00	10,000.00
147	Sri D. S. Kushwaha		1,95,500.00	1,95,500.00	-
148	Sri H I Malik		25,000.00		25,000.00
149	Sri Rajeev Srivastava	35,755.00	2,03,000.00	2,31,800.00	6,955.00
150	Sri Ramesh Kumar Tripathi	1,66,000.00	1,20,000.00	1,63,770.00	1,22,230.00
151	Sri Ritesh Kumar Sahu	15,000.00		15,000.00	-

152	Sri R. K. Sharma	90,000.00	33,000.00	1,23,000.00	-
153	Sri Sanjay Singh	1,98,800.00	1,00,000.00	1,03,800.00	1,95,000.00
154	Sri Sanjay Yadav	13,960.00			13,960.00
155	Sri Trivikarma		1,80,000.00	1,80,000.00	-
156	S. S. Narvi	5,000.00			5,000.00
157	Suantak Kamsonlian	23,000.00	2,24,000.00	1,90,980.00	56,020.00
158	Surendra Kumar Srivastava	35,000.00	1,10,000.00	1,45,000.00	-
159	Sushil Kumar		1,53,700.00	1,33,000.00	20,700.00
160	Tanuj Nandan		2,19,600.00	2,19,600.00	-
161	U. S. Sharma	22,500.00	45,000.00	7,268.00	60,232.00
162	Vinod Kr Mishra	40,000.00			40,000.00
163	Vishwajeet Pratap Singh		1,15,000.00	1,15,000.00	-
164	Vivek Kumar Patel		1,78,000.00	1,78,000.00	-
165	V Murari		1,42,000.00	1,42,000.00	-
166	V. R. Koma	35,996.00		35,996.00	-
Grand Total		1,09,15,089.27	2,00,79,800.00	2,45,78,619.00	64,16,270.27

GROUPING FORMING PART OF THE SCHEDULE TO THE BALANCE SHEET

ANNEXURE G-1 OF SCH 8

LOANS, ADVANCES AND DEPOSITS

G-(ii) - Permanent Imprest to Employees

Sl.No.	Particulars	Opening Balance	During the year		Closing Balance
			Debit	Credit	
1	Abhay Raj Singh (Imprest)	10,000.00		10,000.00	-
2	A. D Bhatt (Imprest)		5,000.00		5,000.00
3	A.K Sachan (Imprest)	10,000.00			10,000.00
4	A.K Sing Ae(E) (Imprest)	25,000.00			25,000.00
5	A K Singh Ced (Imprest)	10,000.00		10,000.00	-
6	Ambak Kumar Rai(Imprest)	20,000.00	14,020.00	14,020.00	20,000.00
7	Ambalika Sinha(Imprest)	5,000.00		5,000.00	-
8	Anil Kumar (Imprest)	29,822.00		15,000.00	14,822.00
9	Animesh Ojha(Imprest)	30,000.00	14,887.00	29,887.00	15,000.00
10	Anuj Jain (Imprest)	10,000.00		10,000.00	-

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11	Arvind Aggarwal (Imprest)	5,000.00			5,000.00
12	Asheesh Kumar Singh (Imprest)	15,000.00		15,000.00	-
13	Ashutosh Pandey (Imprest)	15,000.00	23,897.00	23,897.00	15,000.00
14	Banwari Lal (Imprest)	10,000.00			10,000.00
15	Danish Ansari (Imprest)	15,000.00			15,000.00
16	Deepesh Tiwari (Imprest)	2,000.00			2,000.00
17	Dr. Bashant Kumar (Imprest)		29,924.00	14,924.00	15,000.00
18	Dr. G. K. Mehrotra (Imprest)	10,000.00			10,000.00
19	Dr. K K Shukla (Imprest)		5,000.00	5,000.00	-
20	Dr Manisha Sachan (Imprest)	15,000.00	38,985.00	38,985.00	15,000.00
21	Dr. Naresh Kumar (Imprest)	10,000.00			10,000.00
22	Dr Paulson Samulel (Imprest)		15,000.00		15,000.00
23	Dr. P.K Mishra (Imprest)	5,000.00		5,000.00	-
24	Dr Rajtha B (Imprest)	15,000.00			15,000.00
25	Dr Ranvijay (Imprest)	15,000.00	9,984.00	9,984.00	15,000.00
26	Dr. R D Gupta (Imprest)		10,000.00		10,000.00
27	Dr. R K Singh (Imprest)	10,000.00			10,000.00
28	Dr Sahdeo Padhey (Imprest)	15,000.00			15,000.00
29	Dr Shailendra Kumar Mishra Imprest	15,000.00			15,000.00
30	Dr Shiv Dutt (Imprest)	15,000.00	11,804.00	11,804.00	15,000.00
31	Dr. S. S. Narvi (Imprest)		10,000.00		10,000.00
32	Dr. Suneeta Agarwal (Imprest)	10,000.00			10,000.00
33	Dr. Vijaya Bhaduariya (Imprest)		15,000.00		15,000.00
34	Dr Vinod Yadav Imprest	5,000.00	15,000.00	13,843.00	6,157.00
35	G.P. Sahu Imprest		15,000.00		15,000.00
36	K.N Pandey (Imprest)	18,583.00			18,583.00
37	K N Singh (Imprest)	20,000.00			20,000.00
38	Kumar Pallav (Imprest)	15,000.00		15,000.00	-
39	Manish Gupta (Imprest)	15,000.00	29,661.00	29,661.00	15,000.00
40	Manish Kumar (Ee) (Imprest)	30,000.00			30,000.00
41	Mukesh Kumar (Imprest)		15,000.00		15,000.00
42	Mukul Shukla (Imprest)	15,000.00		15,000.00	-
43	Neeraj Tyagi (Imprest)	10,000.00			10,000.00
44	Nekram Rawal (Imprest)		15,000.00		15,000.00

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45	Nirmal Kumar Shukla (Imprest)	15,000.00			15,000.00
46	Niroj Banerjee (Imprest)	5,000.00	5,000.00		10,000.00
47	Pankaj Srivastava(Imprest)	10,000.00			10,000.00
48	P R Agarwal (Imprest)		5,000.00		5,000.00
49	Pramod Kumar Yadav(Imprest)	15,000.00			15,000.00
50	Radharani Mewaram(Imprest)	30,000.00	14,989.00	14,989.00	30,000.00
51	Rajesh Gupta (Imprest)	15,000.00			15,000.00
52	Rakesh Narayan(Imprest)	30,000.00		15,000.00	15,000.00
53	Ramesh Pandey (Imprest)	25,000.00			25,000.00
54	Ramji Diwedi (Imprest)	15,000.00	11,615.00	11,615.00	15,000.00
55	Ravi Prakash Amd (Imprest)	5,000.00			5,000.00
56	Ravi Prakash Nba (Imprest)	2,500.00			2,500.00
57	R.K. Nagaria(Imprest)	15,000.00			15,000.00
58	R K Pandey (Imprest)	5,000.00			5,000.00
59	R K Sharma (Imprest)	10,000.00			10,000.00
60	R.K Singh (Imprest)	15,000.00			15,000.00
61	R.P. Singh Imprest Nba		2,500.00		2,500.00
62	R P Tiwari (Imprest)	25,000.00		15,000.00	10,000.00
63	Sarvesh Kumar Tripathi (Imprest)		15,000.00		15,000.00
64	Satyajeet Kumar (Imprest)		15,000.00	125.00	14,875.00
65	Shivesh Sharma(Imprest)	60,000.00		15,000.00	45,000.00
66	Shri Sanjay Singh (Imprest)	10,000.00			10,000.00
67	Shubhi Purwar(Imprest)	15,000.00			15,000.00
68	Shweta Ranjan (E.O.)(Imprest)	15,000.00		15,000.00	-
69	S.J Pawar A/P(Imprest)	2,000.00	15,000.00		17,000.00
70	S.K Duggul (Imprest)		5,000.00	5,000.00	-
71	S.P Verma (Imprest)	2,000.00			2,000.00
72	Sri D S Kushwaha (Imprest)	10,000.00			10,000.00
73	Sri Har Nath Kar (Imprest)		10,000.00		10,000.00
74	Sr Mohanty(Imprest)	15,000.00		15,000.00	-
75	Sushil Kumar Imprest	10,000.00			10,000.00
76	Sushil Kumar Warden (Imprest)	15,000.00		15,000.00	-
77	Tanuj Nandon(Imprest)	15,000.00		15,000.00	-
78	V Krishna Rao (Imprest)	5,000.00			5,000.00

79	V.K Srivastava (Imprest)	25,615.00		15,000.00	10,615.00
80	Yogendra Kumar Prajapati (Imprest)		58,700.00	43,700.00	15,000.00
Grand Total		9,12,520.00	4,50,966.00	4,87,434.00	8,76,052.00

GROUPING FORMING PART OF THE SCHEDULE TO THE BALANCE SHEET

ANNEXURE G-3 OF SCH 8

LOANS, ADVANCES AND DEPOSITS

G -(iii) - Advance for Fixed Assets & Revenue Expenses

Sl. No.	Particulars	Opening Balance	During the year		Closing Balance
			Debit	Credit	
1	Balmer Lawrie & Co.	12,35,000.00			12,35,000.00
2	Anjali Electronics	8,100.00			8,100.00
3	Autometer Alliance Ltd	68,360.00			68,360.00
4	Batra Electronic Cottage	23,490.00			23,490.00
5	Bhargava Engg. Works	60,800.00			60,800.00
6	Bhushan & Bhushan	1,25,928.00			1,25,928.00
7	Bombay Machinery	14,490.00			14,490.00
8	Carrier Aircon	43,346.00			43,346.00
9	Chemico Instruments Pltd	7,000.00			7,000.00
10	Comcare Enterprises	1,47,022.00			1,47,022.00
11	Cpwd Advance	2,67,21,426.00		-	2,67,21,426.00
12	Cpwd Advance- Construction of New Boys Hostel	31,21,53,998.00	65,00,000.00	-	31,86,53,998.00
13	Eds Technology	1,10,000.00			1,10,000.00
14	Elite Furniture	4,23,162.00			4,23,162.00
15	Fa & Cao N Rly	2,21,12,506.00			2,21,12,506.00
16	Gaur Electrical	68,580.00			68,580.00
17	Hcl Info System	4,60,634.00			4,60,634.00
18	Hydraulic Engg Instrument	2,80,155.00			2,80,155.00
19	Indian Institute Of Foreign Trade	14,935.00			14,935.00
20	Indian Oil Corporation	10,962.00			10,962.00
21	Jamuna Marketing Pvt Ltd	1,87,034.00			1,87,034.00
22	Jay Pee Cement	34,500.00			34,500.00
23	Lab India Instrument	11,703.00			11,703.00

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24	Lalji Enterprises	5,000.00			5,000.00
25	Mack Electrical & Equipment	65,350.00			65,350.00
26	Matra Distributor	6,615.00			6,615.00
27	Minimax Electronics	13,208.00			13,208.00
28	M/S Bhargava Tyres	(18,844.00)			(18,844.00)
29	M/S Rites Ltd.	73,62,330.00	25,32,734.00	81,90,889.00	17,04,175.00
30	Rites Ltd. - A/c Girls Hostel - RT 5300010	11,28,34,179.00		3,81,968.00	11,24,52,211.00
31	Peco Cooling Tower	2,13,390.00			2,13,390.00
32	Pericom System	1,75,620.00			1,75,620.00
33	Point Stationery	13,189.00			13,189.00
34	Pragaya Electric Co.	5,625.00			5,625.00
35	Prism Cement	1,47,400.00			1,47,400.00
36	Project Officer Neda	1,35,143.00			1,35,143.00
37	Quartz Marketing System	1,08,061.00			1,08,061.00
38	Rai & Co	1,20,697.00			1,20,697.00
39	Ranial Graphics	92,388.00			92,388.00
40	Richa Medical Agency	(21.00)			(21.00)
41	Sahani Refrigeration	78,690.00			78,690.00
42	Sciencetech Technologies	9,208.00			9,208.00
43	Shaan Trader	1,29,736.00			1,29,736.00
44	Sharda Enterprises	3,03,290.00			3,03,290.00
45	Shivam Paints	35,696.00			35,696.00
46	Sn Aqua System	69,360.00			69,360.00
47	Spic Macay	10,000.00			10,000.00
48	Srk System	5,600.00			5,600.00
49	Surekha Sales Pvt Ltd	8,905.00			8,905.00
50	Surgico Medicare Agency	6,250.00			6,250.00
51	Tele Links	7,065.00			7,065.00
52	Total Presentation Devices	1,68,000.00			1,68,000.00
53	Tritech Enterprises	87,903.00			87,903.00
54	Versatile Construction	24,22,000.00			24,22,000.00
55	Voltas Ltd	5,34,232.00			5,34,232.00
Grand Total		48,94,78,396.00	90,32,734.00	85,72,857.00	48,99,38,273.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 9 – ACADEMIC RECEIPTS

(Amount-Rs)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
FEE FROM STUDENTS		
<u>A. Academic</u>		
<u>Tuition Fees:</u>		
Tuition Fees B.Tech	18,22,79,060.00	16,76,11,560.00
Tuition Fees MBA	18,12,000.00	18,60,000.00
Tuition Fees MCA	1,29,67,000.00	1,34,00,000.00
Tuition Fees M.Tech	4,58,50,000.00	4,97,35,000.00
Tuition Fees Ph.D	36,67,500.00	40,35,000.00
Tuition Fees M.Sc.	4,65,000.00	5,32,500.00
Tuition Fees MSW	1,65,000.00	2,77,500.00
Tuition Fees DASA	11,07,89,500.00	
<u>Admission fee:</u>		
Registration Fees M.Tech	1,31,000.00	2,32,100.00
Registration Fees MBA	15,100.00	15,500.00
Registration Fees MCA	51,300.00	53,200.00
Registration Fees PhD	48,900.00	53,800.00
Registration Fees MSW	2,200.00	3,700.00
Registration Fees MSC	6,200.00	7,100.00
Registration Fees B.Tech	6,19,200.00	8,43,300.00
Day Fees B.Tech	9,29,900.00	12,24,950.00
Day Fees M.Tech	2,29,250.00	3,98,675.00
Day Fees MBA	26,425.00	27,125.00
Day Fees MCA	89,775.00	93,100.00
Day Fees Ph.D	73,350.00	80,700.00
Day Fees MSC	9,300.00	10,650.00
Day Fees MSW	-	6,900.00
M.Tech/Ph.D Admission	1,79,336.40	23,42,512.00
<u>Enrolment Fee</u>	26,13,100.00	1,51,500.00
<u>Library fee</u>	21,84,750.00	28,96,750.00
<u>Laboratory fee:</u>		

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Lab Fees B.Tech	15,53,500.00	23,34,884.00
Lab Fees M.Tech	3,27,500.00	5,83,250.00
Lab Fees MBA	37,750.00	38,750.00
Lab Fees MCA	1,28,250.00	1,33,000.00
Lab Fees Ph.D	1,22,250.00	2,84,500.00
Lab Fees MSC	15,500.00	17,750.00
Lab Fees MSW	-	9,250.00
Syllabus fee	3,89,700.00	5,71,900.00
Total (A)	36,77,78,596.40	24,98,66,406.00
B. Examinations		
Admission test fee	-	-
Mark sheet, certificate fee	-	-
Entrance examination fee		
Total (B)	-	-
C. Other fees		
Identity card fee	1,00,425.00	1,22,525.00
Fine/Miscellaneous fee		
Medical fee	21,84,750.00	22,46,750.00
Transportation fee:		
Bus Charges from Student	8,49,450.00	8,71,800.00
Hostel fee		
Development Fees	11,38,250.00	14,06,500.00
Magazine Fees	5,52,000.00	4,67,200.00
Placement Charges	25,51,250.00	26,08,450.00
Student Welfare Fees	4,25,700.00	5,34,550.00
Total (C)	78,01,825.00	82,57,775.00
D. Sale of publications		
Sale of syllabus and Question Paper, etc.		
Sale of prospectus including admission forms		
Total (D)		
E. Other Academic Receipts		
DASA Fees	85,26,577.57	
Total (E)	85,26,577.57	-
GRAND TOTAL (A+B+C+D+E)	38,41,06,998.97	25,81,24,181.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT					
SCHEDULE 10- GRANTS & DONATIONS					
Particulars	(Amount-Rs)				
	Recurring (OH-31)	Non-Recurring (OH-35)	Salary (OH-36)	Current Year Total	Previous Year Total
Balance B/F (a)	83,60,25,237.23	64,30,97,897.00	(1,07,38,40,499.00)	40,52,82,635.23	10,39,96,013.23
Add: Receipts during the year				-	
Grant amount received (b)	25,89,00,000.00	54,77,00,000.00	46,18,00,000.00	1,26,84,00,000.00	1,02,80,00,000.00
Internal Accrual (Interest received) (c)	-	-	-	-	
Total (d = a+b+c)	1,09,49,25,237.23	1,19,07,97,897.00	(61,20,40,499.00)	1,67,36,82,635.23	1,13,19,96,013.23
Less: Refund to UGC/Govt of India (e)	-	-	-	-	-
Balance (f = d-e)	1,09,49,25,237.23	1,19,07,97,897.00	(61,20,40,499.00)	1,67,36,82,635.23	1,13,19,96,013.23
Less: Utilised for Capital expenditure (A) (g)	-	10,49,03,074.00	-	10,49,03,074.00	4,50,82,864.00
Balance (h= f-g)	1,09,49,25,237.23	1,08,58,94,823.00	(61,20,40,499.00)	1,56,87,79,561.23	1,08,69,13,149.23
Less: Utilised for Revenue expenditure (B) (i)	23,43,03,240.80	97,98,401.00	59,58,84,605.40	83,99,86,247.20	68,16,30,514.00
Apportioned amount of Depreciation out of Capital Fund (j)					14,71,83,703.58
Balance C/F (k = h-i)	86,06,21,996.43	1,07,60,96,422.00	(1,20,79,25,104.40)	72,87,93,314.03	40,52,82,635.23

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 11- INCOME FROM INVESTMENTS

Income from Earmarked/ Endowment Funds	(Amount-Rs)	
	CURRENT YEAR	PREVIOUS YEAR
1) Interest		
a) On Govt. Securities	-	-
b) Other Bonds/Debentures	-	-
2) Interest on Term deposits	-	10,60,685.00
3) Income accrued but not due on Term Deposits/Interest bearing advances to employees(Refer Schedule 2)	2,35,87,821.96	2,59,60,974.00
4) Interest on Saving Bank Accounts	13,70,087.00	3,21,206.00
5) Others		
TOTAL	2,49,57,908.96	2,73,42,865.00
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS	2,49,57,908.96	2,73,42,865.00

Income Others	CURRENT YEAR	PREVIOUS YEAR
1) Interest		
a) On Govt. Securities	-	-
b) Other Bonds/Debentures	-	-
2) Income Received		
a) Each Fund separately	-	-
3) Income accrued		
a) Each Fund separately	-	-
4) Others (Specify)	-	-
TOTAL		

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 12- INTEREST EARNED

(Amount-Rs)

Income Others	CURRENT YEAR	PREVIOUS YEAR
1. On Saving Accounts with Scheduled banks	21,46,613.00	50,93,724.00
2. On Loans		
a) Employees/Staff		
Interest on House Building Loan Recovery	1,63,710.00	2,18,906.00
Interest on Motorcycle Loan Recovery	3,488.00	
Interest on Other Advance	-	15,266.00
b) Others		
3. On Debtors and Other Receivables-		
Rites Gurgaon	4,15,350.00	
Income Tax Refund	-	90,944.00
4. On Term Deposit with Scheduled banks	7,69,39,404.37	7,03,52,061.00
TOTAL	7,96,68,565.37	7,57,70,901.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 13- OTHER INCOME

(Amount-Rs)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A. Income from Land & Building		

1. Hostel Room Rent		
Hostel Fan Charges	13,41,000.00	13,27,950.00
Hostel Room Rent	33,52,500.00	33,19,875.00
Hostel Utensils	8,93,400.00	8,85,300.00
Shop/Canteen Rent, Electric Charges & Water Charges	2,68,216.00	3,09,362.00
Rent from Staff Quarter	8,93,320.00	7,61,601.00
Building Rent	1,98,590.00	1,48,816.00
Income from Guest House	12,86,780.00	42,44,507.00
2. License fee		
3. Hire Charges of Auditorium/Play ground/Convention Centre, etc		
4. Electricity & water charges		
Hostel Electricity Charges	70,00,599.40	70,00,491.40
Water/Electricity Charges from Contractor & Staff Quarter	22,73,494.80	20,12,889.00
Total	1,75,07,900.20	2,00,10,791.40
B. Sale of Institute's publications	-	-
C. Income from holding events	-	-
1. Gross Receipts from annual function/ sports carnival	-	-
Less: Direct expenditure incurred on the annual function/ sports carnival		
2. Gross Receipts from fetes	-	-
Less: Direct expenditure incurred on the fetes		
3. Gross Receipts for educational tours	-	-
Less: Direct expenditure incurred on the tours		
4. Others (to be specified and separately disclosed)	-	-
Total		
D. Others		
1. Income from consultancy	-	-
2. RTI fees	-	-
3. Income from Royalty	-	-
4. Sale of application form (recruitment)	-	-
5. Misc. receipts (Sale of tender form, waste paper, etc.)	-	-
6. Profit on Sale/disposal of Assets:		
a) Owned assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
7. Grants/Donations from institutions, Welfare Bodies and International Organizations		

8. Others		
Computer hiring charges	-	20,135.00
Computer Stationery Charges	25,69,875.00	26,59,750.00
E-Mail Charges	37,50,750.00	44,64,825.00
Medical Contribution	6,15,675.00	
NRI/DASA Fees		11,13,62,354.79
Recreation Fees	87,39,000.00	89,87,000.00
Student study tour	1,13,250.00	91,074.00
Reference material	3,77,500.00	3,87,500.00
Verification of Degree/Migration/Mark sheet	10,93,901.00	12,71,770.00
Alumni Fees	4,55,100.00	4,34,400.00
CMDR	2,02,363.00	48,010.00
M.Tech/Ph.D/M.Sc. Admission Form	-	8,000.00
M.Sc Admission	5,17,500.00	
Miscellaneous Receipts Institute	4,47,221.00	3,92,982.00
Sale of Tender Form	1,18,850.00	1,16,500.00
Vehicle Charges	2,68,152.00	1,27,232.00
Library Misc Receipt	-	12,222.00
Seminar & Conference	2,37,608.00	
Retention of Service Charges		2,04,856.00
Seminar Registration Fees	-	9,800.00
Leave Salary	3,89,606.00	
Pension Contribution	6,49,187.00	
RTI Fees	1,210.00	2,486.00
Total	2,05,46,748.00	13,06,00,896.79
GRAND TOTAL (A+B+C+D)	3,80,54,648.20	15,06,11,688.19

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 14- PRIOR PERIOD INCOME

(Amount-Rs)

<u>PARTICULARS</u>	<u>CURRENT YEAR</u>	<u>PREVIOUS YEAR</u>
1. Academic Receipts		
2. Income from Investments	-	-
3. Interest Earned		

Interest on TDR		4,71,611.00
Interest from Rites Ltd	21,17,384.00	
4. Other Income		
Other Income		27,735.00
Depreciation Excess Charged in earlier years now corrected	-	13,13,697.25
TEQIP I	70,84,346.00	
Retirement Benefit Received from Other Institution	43,51,523.00	
Total	1,35,53,253.00	18,13,043.25

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 15 – STAFF PAYMENTS & BENEFITS

(Amount-Rs)

PARTICULARS	CURRENT YEAR				PREVIOUS YEAR		
	NON-ECURRING (OH-35)	RECURRING (OH-31)	SALARY (OH-36)	TOTAL	PLAN	NON- PLAN	TOTAL
a) Salaries and Wages (Refer Annexure H (1))	-		38,80,48,760.00	38,80,48,760.00	-	22,70,66,643.00	22,70,66,643.00
b) Allowances and Bonus (Refer Annexure H (2))	-		20,15,28,345.40	20,15,28,345.40	-	22,30,91,353.00	22,30,91,353.00
c) Contribution to Provident Fund	-		10,94,530.00	10,94,530.00	-	2,42,787.00	2,42,787.00
d) Contribution to Other Fund (specify)				-			-
Pension Contribution	-			-	-	41,588.00	41,588.00
New Pension Scheme	-		1,43,95,041.00	1,43,95,041.00	-	1,07,13,660.00	1,07,13,660.00
e) Staff Welfare Expenses	-		-	-	-	-	-
f) Retirement and Terminal Benefits (Refer Annexure H (3))	-		13,85,16,608.00	13,85,16,608.00	-	12,07,87,506.00	12,07,87,506.00
g) LTC facility	-		32,42,622.00	32,42,622.00	-	44,96,674.00	44,96,674.00
h) Medical facility	-		-	-	-	-	-
i) Children Education Allowance	-		22,30,856.00	22,30,856.00	-	37,04,366.00	37,04,366.00
j) Honorarium	-		-	-	-	-	-
k) Others (specify)	-		-	-	-	-	-
Retention of Service Charges			1,33,992.00	1,33,992.00			
TOTAL	-		74,91,90,754.40	74,91,90,754.40	-	59,01,44,577.00	59,01,44,577.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT**ANNEXURE H OF SCH 15****STAFF PAYMENTS & BENEFITS****H(1). SALARIES AND WAGES****(Amount in Rs.)**

Particulars	Expenditure for the year ended on 31/03/2018	Journal Entry Adjustment		Current Year 2017-18	Previous Year 2016-17
		Provision as on 01/04/2017	Provision as on 31/03/2018		
Pay Director & Teaching	11,19,15,362.00	80,77,186.00	2,14,90,257.00	12,53,28,433.00	9,86,58,336.00
Pay Administrative Officer	58,20,692.00	3,97,710.00	12,25,800.00	66,48,782.00	49,38,767.00
Pay Other Staff	3,14,67,590.00	23,64,240.00	55,55,700.00	3,46,59,050.00	2,97,82,574.00
Pay Contractual Staff	10,41,53,626.00	53,77,805.00	65,80,701.00	10,53,56,522.00	7,51,17,779.00
Arrear Teaching & Non Teaching	8,71,95,043.00			8,71,95,043.00	78,616.00
Payment to visiting faculty	2,88,60,930.00			2,88,60,930.00	1,84,90,571.00
TOTAL	36,94,13,243.00	1,62,16,941.00	3,48,52,458.00	38,80,48,760.00	22,70,66,643.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT**ANNEXURE H OF SCH 15****STAFF PAYMENTS & BENEFITS****H(2). ALLOWANCES AND BONUS****(Amount in Rs.)**

Particulars	Expenditure for the year ended on 31/03/2018	Journal Entry Adjustment		Current Year 2017-18	Previous Year 2016-17
		Provision as on 01/04/2017	Provision as on 31/03/2018		
Teaching Staff :					
Dearness Allowance	12,65,02,461.00	1,06,61,904.00	10,74,513.00	11,69,15,070.00	12,93,01,547.00
HRA	29,45,209.00	2,38,575.00	2,00,438.00	29,07,072.00	30,14,893.00
Transport Allowances	82,17,194.00	6,58,790.00	6,67,966.00	82,26,370.00	80,86,761.00
Administrative Officer :					
Dearness Allowance	64,31,827.00	5,24,979.00	61,290.00	59,68,138.00	63,53,152.00
HRA	4,42,774.00	41,574.00	47,306.00	4,48,506.00	5,08,328.00
Transport Allowances	8,99,271.00	51,968.00	59,272.00	9,06,575.00	6,42,981.00
Other Staff					

Dearness Allowance	3,60,64,396.00	31,20,792.00	2,77,785.00	3,32,21,389.00	39242701.00
HRA	28,25,379.00	2,29,394.00	1,97,706.00	27,93,691.00	3006649.00
Transport Allowances	33,68,592.00	3,09,952.00	2,82,976.00	33,41,616.00	3995038.00
Washing Allowance	1,02,240.00	8,730.00	7,740.00	1,01,250.00	1,10,456.00
OTHER ALLOWANCES					
Bonus	11,28,882.00			11,28,882.00	19,22,034.00
Special Allowance	8,21,009.00	85,777.00	64,425.00	7,99,657.00	8,63,814.00
Cash Handling Allowance	1,033.00	230.00	80.00	883.00	2,760.00
Computer Allowance	-			-	28,500.00
Cumulative Professional Development Allowance	1,48,68,104.40			1,48,68,104.40	1,05,94,319.00
Family Planning Incentive	1,95,408.00	15,520.00	15,610.00	1,95,498.00	1,90,480.00
Earned Leave Encashment on Salary	14,43,708.00	-	-	14,43,708.00	18,63,466.00
Leave encashment on Retirement	80,51,466.00			80,51,466.00	1,29,71,715.00
Deans Honorarium	1,91,310.00	28,000.00	14,000.00	1,77,310.00	3,91,759.00
T.A. on Retirement	33,160.00	-		33,160.00	-
TOTAL	21,45,33,423.40	1,59,76,185.00	29,71,107.00	20,15,28,345.40	22,30,91,353.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

ANNEXURE H OF SCH 15

STAFF PAYMENTS & BENEFITS

H(3). RETIREMENT AND TERMINAL BENEFITS

(Amount in Rs.)

Particulars	Expenditure for the year ended on 31/03/2018	Journal Entry Adjustment		Current Year 2017-18	Previous Year 2016-17
		Provision as on 01/04/2017	Provision as on 31/03/2018		
Leave Salary	-				33,000.00
Commuted Value of Pension	67,59,079.00	-		67,59,079.00	1,24,73,763.00
Gratuity	1,92,04,009.00		-	1,92,04,009.00	64,84,732.00
Medical Allowance (Pensioner)	23,12,700.00	1,91,000.00	1,96,000.00	23,17,700.00	22,97,267.00
Pension Pay	3,77,67,660.00	31,67,891.00	32,64,712.00	3,78,64,481.00	3,69,91,753.00
Pension Relief	6,57,35,301.00	51,62,180.00	55,90,547.00	6,61,63,668.00	5,85,20,838.00
Arrears of Pension	63,61,886.00	1,64,050.00	9,835.00	62,07,671.00	39,86,153.00
TOTAL	13,81,40,635.00	86,85,121.00	90,61,094.00	13,85,16,608.00	12,07,87,506.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 16 – ACADEMIC EXPENSES

(Amount-Rs)

PARTICULARS	CURRENT YEAR				PREVIOUS YEAR			
	NON-RECURRING (OH-35)	RECURRING (OH-31)	USER EXPENSES	TOTAL	PLAN	NON- PLAN	USER EXPENSES	TOTAL
a) Laboratory expenses	-	-	-	-	-	-	-	-
b) Field work/Participation	-	-	-	-	-	-	-	-
c) Seminar/Workshop	-	-	-	-	-	-	-	-
d) Payment to visiting faculty	-	-	-	-	-	-	-	-
e) Examination	-	-	-	-	-	-	-	-
f) Student Welfare expenses	-	-	-	-	-	-	5,44,150.00	5,44,150.00
g) Admission expenses								
MBA Admission			2,36,000.00	2,36,000.00			4,02,610.00	4,02,610.00
M.Tech/Ph.D Admission							10,56,873.00	10,56,873.00
h) Convocation expenses								
Convocation expenses		25,00,073.00		25,00,073.00		24,96,848.00	11,66,420.00	36,63,268.00
i) Publications								
j) Stipend/means-cum-merit scholarship								
Stipend P.G.								
Stipend M Tec		8,90,23,605.00		8,90,23,605.00	9,53,59,649.00			9,53,59,649.00
Stipend Ph.D		9,57,42,992.00		9,57,42,992.00	8,07,26,876.00			8,07,26,876.00
Merit Scholarship		6,52,960.00		6,52,960.00	6,51,000.00			6,51,000.00
k) Subscription Expenses								
l) Others (specify)								
Alumni Expenses			8,65,200.00	8,65,200.00			4,48,500.00	4,48,500.00
Faculty Recruitment		1,17,166.00		1,17,166.00				
Refund of Excess Fees			37,80,223.00	37,80,223.00			7,70,576.00	7,70,576.00
Student Club/Student Activity Centre			77,12,383.00	77,12,383.00			75,28,907.00	75,28,907.00
TOTAL	-	18,80,36,796.00	1,25,93,806.00	20,06,30,602.00	17,67,37,525.00	24,96,848.00	1,19,18,036.00	19,11,52,409.00

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 17 – ADMINISTRATIVE AND GENERAL EXPENSES

(Amount-Rs)

PARTICULARS	CURRENT YEAR					PREVIOUS YEAR			
	SALARY (OH-36)	NON- RECURRING (OH-35)	RECURRING (OH-31)	USER PAYMENT	TOTAL	PLAN	NON- PLAN	USER PAYMENT	TOTAL
-									
A. Infrastructure									
a) Electricity and power									
Colony				23,97,531.00	23,97,531.00			18,84,900.00	18,84,900.00
Hostel				1,74,47,715.00	1,74,47,715.00			91,24,999.00	91,24,999.00
Institute			5,75,31,495.00		5,75,31,495.00		6,50,25,677.00		6,50,25,677.00
b) Water charges					-				-
c) Insurance					-				-
d) Rent, Rates and Taxes (including property tax)					-				-
Rent & Taxes - Hostel & Colony			5,80,28,946.00		5,80,28,946.00		2,164.00		2,164.00
Water Tax					-				-
B. Communication					-				-
e) Postage & telegram			28,400.00		28,400.00		67,238.00		67,238.00
f) Telephone and Internet Charges					-				-
Telephone Expenses	16,81,499.00		3,77,544.00		20,59,043.00		25,68,426.00		25,68,426.00
Rental Charges of Internet Bandwidth (Internet Charges)			34,53,560.00		34,53,560.00		36,56,823.00		36,56,823.00
C. Others					-				-
g) Printing and Stationary			5,22,399.00		5,22,399.00		10,33,408.00		10,33,408.00
h) Travelling and Conveyance Expenses			34,49,741.00		34,49,741.00		27,14,684.00		27,14,684.00
j) Hospitality					-				-
j) Auditors Remuneration					-				-
Audit Fees AGUP					-		2,37,888.00		2,37,888.00
Chartered Accountant Fees			1,85,400.00		1,85,400.00		2,07,000.00		2,07,000.00
k) Professional Charges					-				-

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l) Advertisement and Publicity					-			
Advertisement		38,09,661.00		38,09,661.00		38,12,348.00		38,12,348.00
m) Magazines & Journals					-			
Library & E-Journals	-	-		-	-	-		-
Magazine Charges					-		13,600.00	13,600.00
n) Others (specify)					-			
Extension Of Dispensary & Its Equipment					-			
Legal Expenses		1,72,575.00		1,72,575.00		15,68,029.00		15,68,029.00
Library Newspaper & Magazine					-	6,225.00		6,225.00
Library Operating Cost (inclTLB)		5,19,004.00		5,19,004.00		3,50,082.00		3,50,082.00
Liveries to Staff		1,63,400.00		1,63,400.00		2,03,355.00		2,03,355.00
ME/Ph.D/M.Sc. Admission Form					-			-
M.Sc Admission			44,500.00	44,500.00				
Utensil Charges			2,97,340.00	2,97,340.00			40,450.00	40,450.00
Miscellaneous Contingencies		20,93,540.80		20,93,540.80		12,99,361.00		12,99,361.00
Misc. Expenses		8,79,581.00	42,118.00	9,21,699.00		1,72,000.00	14,58,769.00	16,30,769.00
Research Grant		1,57,921.00		1,57,921.00	3,86,975.00			3,86,975.00
Security Charges		4,79,20,746.00		4,79,20,746.00		2,79,73,580.00		2,79,73,580.00
Recreation Club Teaching & Non Teaching		61,000.00		61,000.00		99,500.00		99,500.00
Anti Ragging Squad		15,09,816.00		15,09,816.00		8,25,670.00		8,25,670.00
Training for Faculty Staff		915.00		915.00		70,512.00		70,512.00
Executive Development Centre		5,41,639.00		5,41,639.00			6,43,088.00	6,43,088.00
Medical Reimbursement		35,48,750.00		35,48,750.00		40,92,545.00		40,92,545.00
Medicine including Doctors visit Fees		12,20,331.00		12,20,331.00		30,43,582.00		30,43,582.00
Science City Salary					-		24,150.00	24,150.00
NIT Transit House Contribution		2,50,000.00		2,50,000.00	2,50,000.00			2,50,000.00
B.O.G & Meetings		16,60,059.00		16,60,059.00		11,39,701.00		11,39,701.00
Seminar & Conference		50,000.00		50,000.00		3,61,611.00		3,61,611.00
Application fees for appointment			46,740.00	46,740.00			61,225.00	61,225.00
CMDR		7,05,992.00		7,05,992.00		5,61,031.00		5,61,031.00
GST Paid against bill	98,000.00	21,04,179.00		22,02,179.00				

Hostel & Colony (User Charges)				3,02,013.00	3,02,013.00				
Raw Material & Consumable				10,004.00	10,004.00				
o) Purchase/Consumables (As per Annexure I)			1,32,04,337.00		1,32,04,337.00		97,01,418.00		97,01,418.00
TOTAL	16,81,499.00	98,000.00	20,41,50,931.80	2,05,87,961.00	22,65,18,391.8	6,36,975.00	13,07,93,858.0	1,32,51,181.00	14,46,82,014.0

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

ANNEXURE I OF SCH 17

DOC/CONSUMABLES/ACADEMIC DEPARTMENTS AND CENTERS

(Amount in Rs.)

Particulars	Current Year 2017-18	Previous Year 2016-17
Purchases - Consumables-(U.G.&P.G.)		
Applied Mechanics Department	6,13,477.00	5,63,471.00
Biotech Department	6,47,119.00	5,98,455.00
Campus Interview and Placement	2,03,449.00	4,09,355.00
Chemistry Department	3,89,094.00	3,03,267.00
Civil Engineering Department	6,15,222.00	6,58,462.00
Computer Science Department	14,31,710.00	14,18,756.00
Electronics and Communication Engineering Department	5,63,972.00	3,59,131.00
Electrical Engineering Department	6,55,009.00	5,61,836.00
GIS Cell	1,81,915.00	2,70,368.00
Humanities Department	2,91,303.00	2,78,821.00
Computer Centre	7,57,406.00	92,784.00
Maths Department	2,86,581.00	2,60,434.00
Mechanical Engineering Department	16,10,938.00	11,51,602.00
NCC	4,45,770.00	4,97,990.00
SMS/MBA Operating Cost	6,66,975.00	3,05,993.00
Physics Department	1,54,546.00	3,17,094.00
Training & Placement	4,18,546.00	3,46,592.00
Workshop - Mechanical Department	8,37,721.00	4,71,123.00
Chemical - Engineering Department	6,25,388.00	5,64,551.00
Centre for Interdisciplinary Research	3,71,463.00	1,11,266.00
P G Operating Cost	14,36,733.00	1,60,067.00
TOTAL	1,32,04,337.00	97,01,418.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
SCHEDULE 18 – TRANSPORTATION EXPENSES

(Amount-Rs)

PARTICULAR	CURRENT YEAR			PREVIOUS YEAR		
	NON-RECURRING (OH-35)	RECURRING (OH-31)	TOTAL	PLAN	NON- PLAN	TOTAL
1. Vehicles (owned by educational institution)						
a) Running expenses	-	-	-	-	-	-
b) Maintenance of Vehicle	-	12,86,155.00	12,86,155.00	-	11,24,520.00	11,24,520.00
c) Insurance expenses	-		-	-	-	-
2. Vehicles taken on rent/lease	-	-	-	-	-	-
a) Rent/lease expenses						-
3. Vehicle(Taxi) Hiring Expenses						
TOTAL	-	12,86,155.00	12,86,155.00	-	11,24,520.00	11,24,520.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
SCHEDULE 19 – REPAIRS & MAINTENANCE

(Amount-Rs)

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	NON-RECURRING (OH-35)	RECURRING (OH-31)	TOTAL	PLAN	NON- PLAN	TOTAL
a) Building						
Renovation of Building Structure		4,07,02,673.00	4,07,02,673.00	38,06,800.00		38,06,800.00
b) Furniture & Fixture			-			-
Maintenance of Furniture			-			-
c) Plant & Machinery			-			-
d) Office Equipments						
Maintenance of Computer & Equipment		19,89,921.00	19,89,921.00	44,17,577.00		44,17,577.00
General Utility Equipment	97,00,401.00		97,00,401.00	19,13,424.00		19,13,424.00
e) Computers			-			-
f) Laboratory & Scientific Equipment			-			-
g) Audio Visual Equipment			-			-
h) Cleaning Material & Services			-			-

i) Book binding charges			-			-
j) Gardening Expenses						
Maintenance Lawns & Gardens		2,26,636.00	2,26,636.00		1,69,185.00	1,69,185.00
Landscaping and gardening			-			-
k) Estate Maintenance			-			-
l) Others (specify)						
Renovation of Electric System & Facilities		1,12,85,078.00	1,12,85,078.00	23,33,767.00		23,33,767.00
TOTAL	97,00,401.00	5,42,04,308.00	6,39,04,709.00	1,24,71,568.00	1,69,185.00	1,26,40,753.00

SCHEDULE 20 – FINANCE COSTS

(Amount-Rs)

PARTICULARS	CURRENT YEAR				PREVIOUS YEAR			
	NON-RECURRING (OH-35)	RECURRING (OH-31)	USER EXPENSES	TOTAL	PLAN	NON- PLAN	USER EXPENSES	TOTAL
a) Bank Charges			88,122.80	88,122.80	-	-	51,421.00	51,421.00
b) Others (Specify)				-	-	-	-	-
TOTAL	-	-	88,122.80	88,122.80	-	-	51,421.00	51,421.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 21 – OTHER EXPENSES

(Amount-Rs)

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	NON-RECURRING (OH-35)	RECURRING (OH-31)	TOTAL	PLAN	NON- PLAN	TOTAL
a) Provision for Bad and Doubtful Debts/ Advances			-	-	-	-
b) Irrecoverable Balances Written-off			-	-	-	-
c) Grants/Subsidiaries to other institutions/organisations			-	-	-	-
d) Others (specify)			-		-	-
Startup (Govt Policies)		2,17,295.00	2,17,295.00		2,54,253.00	2,54,253.00
TOTAL	-	2,17,295.00	2,17,295.00	-	2,54,253.00	2,54,253.00

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 22 – PRIOR PERIOD EXPENSES

(Amount-Rs)

PARTICULARS	CURRENT YEAR				PREVIOUS YEAR			
	NON-RECURRING (OH-35)	RECURRING (OH-31)	USER PAYMENT	TOTAL	PLAN	NON- PLAN	USER PAYMENT	TOTAL
1) Establishment Expenses								
Cumulative Professional Development Allowance		80,000.00		80,000.00				-
2) Academic Expenses				-				-
Examination fees				-				-
3) Administrative Expenses				-				-
Income Tax Demand Earlier Years				-				-
4) Transportation Expenses				-				-
5) Repair & Maintenance				-				-
6) Other Expenses				-				-
Interest on House Building and Motorcycle advance				-			31,640.00	31,640.00
Depreciation on E-Journal			-	-			30,42,964.80	30,42,964.80
Advance Adjustment			29,400.00	29,400.00				-
TOTAL	-	80,000.00	29,400.00	1,09,400.00	-	-	30,74,604.80	30,74,604.80

SCHEDULE FORMING PART OF THE ACCOUNTS FOR THE YEAR 2017-2018

SCHEDULE 23 - SIGNIFICANT ACCOUNTING POLICIES & NOTES TO ACCOUNTS

ACCOUNTING CONVENTIONS :

The financial statements are prepared on the basis of historical conventions, unless and otherwise stated and on accrual basis of accounting, except receipt of fees from students which is accounted for on cash basis.

FIXED ASSETS:

Fixed assets are included at cost of acquisition inclusive of inward freight, duties and taxes, incidental and direct expenses related to the acquisition. In respect of projects involving construction, related pre operative expenses form part of the value of assets capitalised.

Fixed assets received by way of non - monetary grants (other than towards the corpus) are capitalised at value stated, by corresponding credit to capital reserve/fund.

Fixed assets acquired by Institute /Project/ Subsidiaries Fund are capitalised and disclosed separately.

Fixed assets are valued at cost less accumulated depreciation.

INTANGIBLE ASSETS:

E-Journals and Computer Software are grouped under Intangible asset.

E-Journals are separated from library books in view of the limited benefit that could be derived from the on-line access provided. E-journals are not in a tangible form, but temporarily capitalized and in view of the magnitude of expenditure and the benefits derived in terms of perpetual knowledge acquired by the Academic and Research Staff.

DEPRECIATION:

Depreciation on fixed assets has been charged on Straight Line method at rates as prescribed in the Uniform Accounting Standard for all education institutions under MHRD. Depreciation is provided for the whole year on additions during the year. Assets are depreciated over the useful life so that residual value does not fall below 5% of the cost except intangible asset i.e. in cases where residual value is 5% or less of the cost, depreciation is not charged over such assets.

Depreciation on fixed assets has been charged to income and expenditure account by corresponding credit to income & expenditure statement from capital fund.

Depreciation on fixed assets created out of subsidiary funds are charged by the Institute on Straight Line method at rates as prescribed in the Uniform Accounting Standard for all education institutions under MHRD, in cases where subsidiaries have charged depreciation the same has not been considered.

GOVERNMENT GRANTS/ SUBSIDIES:

Government Grants relating to depreciable fixed assets has been taken to Capital Fund account to be recognised in the income and expenditure statement on a systematic and rational basis over the useful life of the asset.

Government grants and subsidies are accounted on receipt basis and/or where there is a reasonable assurance that the grant will be received. Where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable from the Grantor.

Government grants not utilised during the year is shown as unspent balance of funds under current liabilities to be returned / adjusted in the corresponding next year grants to be received.

Government grants excess utilised during the year has been shown as current assets with corresponding credit to income & expenditure account, to be recoverable / adjusted from the corresponding next year grant to be received.

Advances given out of Grant for Capital and Revenue purposes are taken as Grant utilised only when such advance is capitalised or expenditure has been booked.

RETIREMENT BENEFITS:

Pension, Gratuity and Leave Encashment payable on death / retirement of employees is not based on actuarial valuation.

CURRENT ASSETS , LOANS AND ADVANCES:

In the opinion of management the current assets, loans and advances have a value on realisation in the ordinary course of business, equal at least to the aggregate amount shown in the balance sheet.

EARMARKED/ENDOWMENT FUNDS:

Long Term Funds are earmarked for specific purposes. Each of the funds has a separate bank account. Those with large balances also have investments in Term Deposits with banks. The income from investments are credited to the respective funds. The expenditure and advances are debited to the fund.

TAXATION:

Institute being autonomous body exempt from income tax u/s 10(23C) (iiiab) of the Income Tax Act, 1961, hence no provision for income tax has been made. Corresponding figure of the previous year have been rearranged/ regrouped wherever necessary.

Figures in brackets () represents (-) negative figures.

NOTES TO ACCOUNTS:

Financial Statements from the year 2014-2015 is prepared on the basis of New Format of Accounts for CEI's as provided by MHRD-GOI. Necessary annexures/ groupings to the schedules has been added in order to give a clear understanding of financial statements. Necessary changes in the schedules / groupings as compared to previous year has been made in order to implement New Format of Accounts

During the year General Fund- Institute and General Fund- Subsidiaries has been renamed as Capital Fund Institute and Capital Fund- Subsidiaries respectively. Deferred Government Grant Account has been merged with Capital Fund during the year 2017-18 which is in line with the format of account for CEI's as provided by MHRD-GOI.

During the year, Grants from GOI has been received under 3 different heads i.e. Salary, Recurring & Non- Recurring head instead of Plan & Non-Plan head, accordingly institute has re-grouped opening amount of unspent grant and expenditure incurred under such heads during the year.

Excess of Income over Expenditure of subsidiaries is being shown separately under the Fund Account of subsidiaries w.e.f year 2006-07. Excess of Income over Expenditure Account of subsidiaries before 2006-07 has been shown under the fund account of institute.

Amount received directly in bank through RTGS/NEFT for which source / head of account could not be ascertained has been transferred to Miscellaneous Receipt Transfer account- Liability

Assets created out of Projects account where ownership has been transferred to institute has been taken as asset of institute . Assets where ownership has not been transferred to institute has been shown under project fixed assets as the ownership of the assets is with the sponsor and corresponding balance is taken in subsidiary fund account (Project Fund)

Foreign Currency Earnings and Outgo during the year 2017-18 is :-

Earnings : Nil

Outgo: USD 48,877.45/-.

Caution Money received by the Institute has been considered as current liability being repayable on demand.

Income and Expense related to previous years where ever occurred due to reconciliation of entries has been taken to Prior Period Income/Expense.

Cancelled cheque amounting to Rs. 1,63,55,475/= reflected under Annexure B(6) of Sch. 3 is subject to reconciliation.

Advance for fixed assets and revenue expenses at Schedule G(iii) are subject to reconciliation and confirmation.

Subsidiary account of Nodal Centre has been closed hence not incorporated during the year, however closing entries in institute books is to be passed.

Interest accrued and TDS deducted thereon for subsidiaries has been taken to the extent such informations are made available and provided by the subsidiaries.

SCHEDULE 24 - CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS**CONTINGENT LIABILITIES**

As on 31.03.2018 Court Cases filed against the Institution, by former/ present employees, tenants and contractors and arbitration cases with contractors, were pending for decisions. The suits filed by employees were establishment -related viz promotions, increments, pay scales, termination etc. The quantum of the claims is not ascertainable. The claim in the suits and arbitration cases by contractors amounted to Rs. 287.15 Lakhs
Letters of credit established by the Bank on behalf of the Institution and outstanding on 31.03.2018 - Nil

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT**ANNEXURE (i) OF SCH 1 (A-1)****INCOME FROM SUBSIDIARY FUNDS**

(Amount in Rs.)

Particulars	Current Year 2017-2018		Previous Year 2016-2017
1) Interest Received			
a) On Term Deposits with Scheduled Banks:			
Alumni Association	3,46,601.00		6,37,508.00
G. K. Agarwal Trust	18,162.00		18,901.00
Industrial Estate	23,51,084.00		25,24,426.00
Project Account	18,30,287.00		21,43,606.00
Research & Consultancy Cell	47,58,930.00		51,22,341.00
SNFCE	13,89,964.00		14,20,797.00
Sponsored Gold Medal	30,383.00		20,815.00
Student Welfare Fund	30,23,256.00		12,32,472.00
Student Welfare Fund- Prior Period		1,37,48,667.00	-
b) On Savings Account with Scheduled Bank:			
Alumni Association	5,20,815.00		1,10,790.00
Dean Academic Affairs	9,66,045.00		16,88,757.00
G. K. Agarwal Trust	3,716.00		9,194.00
Industrial Estate	4,43,833.00		4,97,264.00
Nodal Centre (NTMIS)	-		3,769.00
P.D.T.C.	7,915.00		7,211.00
Project Account	31,13,764.00		10,51,270.00
Research & Consultancy Cell	15,51,114.00		11,36,552.00
SNFCE	1,45,239.00		2,52,354.00
Sponsored Gold Medal	3,922.00		5,021.00

Student Welfare Fund	98,233.00		2,97,209.00
TEQIP - II	1,80,268.00		20,81,146.00
Text Book Lending Bank	21,696.00	70,56,560.00	19,431.00
2) Revenue Income:			
Alumni Association	73,69,068.94		36,81,396.77
Alumni Association-Prior Period	-		97,995.40
Dean Academic Affairs- Prior Period	50.40		
Industrial Estate	11,92,974.00		27,11,386.69
Project Account	18,46,910.00		
Research & Consultancy Cell	84,46,075.00		73,07,225.00
Research & Consultancy Cell-Prior Period	1,82,78,242.39		-
SNFCE	1,01,500.00		5,000.00
Student Welfare Fund	10,81,387.00		14,38,475.00
TEQIP II	63,305.00		10,22,684.00
TEQIP II- Prior Period	1,28,358.00		
Text Book Lending Bank	27,594.00		28,348.00
Sponsored Gold Medal	-	3,85,35,464.73	1,00,000.00
TOTAL		5,93,40,691.73	3,66,73,344.86

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

ANNEXURE (ii) OF SCH 1 (A-1)

EXPENDITURE OF SUBSIDIARIES

(Amount in Rs.)

Particulars	Current Year 2017-18	Previous Year 2016-17
Alumni Association	26,65,888.40	33,62,752.00
Dean Academic Affairs	1,07,69,070.70	77,68,028.00
Industrial Estate	10,85,333.00	11,85,626.75
Project Account	11,63,791.70	4,28,644.00
Research & Consultancy Cell	24,43,526.50	28,70,974.13
School of Non Formal Continuing Education	9,27,922.00	3,91,454.00
Student Welfare Fund	10,27,213.00	9,64,464.00
TEQIP - II	1,01,99,504.75	1,61,01,777.50
Text Book Lending Bank	17,071.00	15,995.00
TOTAL	3,02,99,321.05	3,30,89,715.38

SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT**ANNEXURE (iii) OF SCH 1 (A-1)****DEPRECIATION OF SUBSIDIARIES****(Amount in Rs.)**

Particulars	Current Year 2017-18	Previous Year 2016-17
Alumni Association	98,849.00	1,00,601.00
Dean Academic Affairs	79,435.00	79,435.00
Industrial Estate	11,674.00	11,674.00
Nodal Centre (NTMIS)	21,741.00	21,741.00
Project Account	55,84,130.00	50,21,591.00
Research & Consultancy Cell	33,15,961.00	33,13,976.00
School of Non Formal Continuing Education	4,968.00	4,968.00
Student Welfare Fund	1,04,074.00	1,80,226.00
TEQIP - II	34,27,972.00	25,88,307.00
TOTAL	1,26,48,804.00	1,13,22,519.00

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2017**(Amount in Rs.)**

RECEIPTS	CURRENT YEAR		PREVIOUS YEAR	
I. OPENING BALANCE:				
Cash in Hand		49,272.00		5,033.00
Bank Account:				
State Bank of India - Fees Account		-		-
State Bank of India - Power Jyoti	9,038.71		7,000.00	
State Bank of India - New Fees Account	16,82,37,546.96	16,82,46,585.67	3,69,59,303.46	3,69,66,303.46
Savings Account & Autosweep:				
Vijaya Bank		12,13,67,533.07		36,99,68,106.83
In Fixed Deposits with Banks:				
Institute				
State Bank of India	80,67,60,339.00		57,95,17,320.00	
Caution Money				
State Bank of India	17,27,804.00		17,27,804.00	
Vijaya Bank	85,00,000.00	81,69,88,143.00	85,00,000.00	58,97,45,124.00
Earmarked and Endowment Fund:				

Contributory Provident Fund:				
Contributory Provident Fund (SB)	1,51,534.12		2,27,999.12	
Contributory Provident Fund FDR	1,22,98,067.00		1,13,34,132.00	
General Provident Fund:				
General Provident Fund - with Treasury	10,07,349.00		10,07,349.00	
General Provident Fund - with Vijaya Bank (FDR)	22,71,69,919.00		21,90,90,979.00	
General Provident Fund - with Vijaya Bank (SB)	9,49,076.00		(28,97,991.00)	
Corpus Fund				
Corpus Fund-with (SBI-SB)	96,32,841.00		90,26,787.00	
Corpus Fund-with (SBI-FDR)	14,58,00,000.00		14,58,00,000.00	
Development/Renewal Fund				
Development/Renewal Fund (SBI-SB)	3,21,690.00		3,01,647.00	
Development/Renewal Fund (SBI-FDR)	5,50,000.00		5,50,000.00	
Maintenance Fund				
Maintenance Fund (SBI-SB)	3,21,199.00		3,01,647.00	
Maintenance Fund (SBI-TDR)	5,50,000.00		5,50,000.00	
Staff Development Fund				
Staff Development Fund (SBI-SB)	3,36,283.00		3,15,302.00	
Staff Development Fund (SBI-TDR)	12,00,000.00		12,00,000.00	
New Pension Scheme:				
Vijaya Bank Saving Account	80,73,928.00		49,58,422.00	
Vijaya Bank Autosweep FDR	-	40,83,61,886.12	-	39,17,66,273.12
In Subsidiary Funds:				
Admission Committee	7,04,312.00		7,04,312.00	
Alumni Association				
Savings Account	13,29,553.83		49,39,473.66	
Fixed Deposits	1,05,41,505.00		53,41,505.00	
Dean Academic Affairs	2,97,17,201.50		3,59,87,987.50	
G.K. Agarwal Trust :				
Savings Account:	2,67,328.00		2,39,233.00	
Fixed Deposits	3,00,000.00		3,00,000.00	
Industrial Estate				
Current Account	1,08,98,809.51		94,72,063.26	
Fixed Deposits	3,17,92,593.00		3,15,90,203.00	

Kitchen Project	6,272.00		6,272.00	
Nodal Centre	82,770.00		79,001.00	
P.D.T.C.	2,00,952.00		1,93,741.00	
Project Account				
Savings & AutoSweep Account	2,91,05,010.78		3,24,68,246.78	
Fixed Deposits	2,96,70,711.00		2,75,27,105.00	
Research & Consultancy Cell :				
Savings & Autosweep Account	3,02,43,021.42		2,77,18,070.55	
Fixed Deposits	7,53,37,636.00		7,02,15,295.00	
School of Non Formal Continuing Education :				
Current Account	38,43,146.00		25,21,049.00	
Fixed Deposits	1,98,02,189.00		1,98,02,189.00	
Sponsored Gold Medal				
Savings Account	2,20,396.00		94,560.00	
Fixed Deposits	3,88,488.00		3,88,488.00	
Student Welfare Fund :				
Savings Account	95,25,845.00		75,22,153.00	
Fixed Deposits	1,25,82,050.00		1,25,82,050.00	
TEQIP - II	2,02,67,452.45		4,59,35,508.95	
Text Book Lending Bank	5,48,659.00	31,73,75,901.49	5,16,875.00	33,61,45,381.70
II. GRANT RECEIVED:				
a) From Government of India				
Non Plan (Recurring) Grant (OH-31)	25,89,00,000.00		45,80,00,000.00	
Plan (Non Recurring) Grant (OH-35)	54,77,00,000.00			
Plan (Non Recurring) Grant (OH-36)	46,18,00,000.00	1,26,84,00,000.00	57,00,00,000.00	1,02,80,00,000.00
III. ACADEMIC RECEIPTS:				
Tuition Fees:				
Tuition Fees B.Tech	18,22,79,060.00		16,76,11,560.00	
Tuition Fees MBA	18,12,000.00		18,60,000.00	
Tuition Fees MCA	1,29,67,000.00		1,34,00,000.00	
Tuition Fees M.Tech	4,58,50,000.00		4,97,35,000.00	
Tuition Fees Ph.D	36,67,500.00		40,35,000.00	
Tuition Fees M.Sc.	4,65,000.00		5,32,500.00	
Tuition Fees MSW	1,65,000.00		2,77,500.00	

Tuition Fees DASA	11,07,89,500.00		
Registration fee:			
Registration Fees M.Tech	1,31,000.00		2,32,100.00
Registration Fees MBA	15,100.00		15,500.00
Registration Fees MCA	51,300.00		53,200.00
Registration Fees PhD	48,900.00		53,800.00
Registration Fees MSW	2,200.00		3,700.00
Registration Fees MSC	6,200.00		7,100.00
Registration Fees B.Tech	6,19,200.00		8,43,300.00
Day Fees B.Tech	9,29,900.00		12,24,950.00
Day Fees M.Tech	2,29,250.00		3,98,675.00
Day Fees MBA	26,425.00		27,125.00
Day Fees MCA	89,775.00		93,100.00
Day Fees Ph.D	73,350.00		80,700.00
Day Fees MSC	9,300.00		10,650.00
Day Fees MSW	-		6,900.00
M.Tech/Ph.D Admission	1,79,336.40		23,42,512.00
Enrolment Fee	26,13,100.00		1,51,500.00
Library Admission fee	21,84,750.00		28,96,750.00
Laboratory fee:			
Lab Fees B.Tech	15,53,500.00		23,34,884.00
Lab Fees M.Tech	3,27,500.00		5,83,250.00
Lab Fees MBA	37,750.00		38,750.00
Lab Fees MCA	1,28,250.00		1,33,000.00
Lab Fees Ph.D	1,22,250.00		2,84,500.00
Lab Fees MSC	15,500.00		17,750.00
Lab Fees MSW	-		9,250.00
Others Fees			
Syllabus fee	3,89,700.00		5,71,900.00
Annual Examination fee			
Identity card fee	1,00,425.00		1,22,525.00
Medical fee	21,84,750.00		22,46,750.00
Transportation fee:			
Bus Charges from Student	8,49,450.00		8,71,800.00

Development Fees	11,38,250.00		14,06,500.00	
Magazine Fees	5,52,000.00		4,67,200.00	
Placement Charges	25,51,250.00		26,08,450.00	
Student Welfare Fees	4,25,700.00		5,34,550.00	
NRI- Other Fees	85,26,577.57	38,41,06,998.97		25,81,24,181.00
IV. RECEIPTS AGAINST EARMARKED/ENDOWMENT FUNDS				
Contributory Provident Fund:				
Subscription	21,26,708.00		4,84,384.00	
General Provident Fund:				
Subscription	5,18,19,506.00		3,29,99,463.00	
New Pension Scheme				
Subscription and Loan Recovery	2,92,07,239.00		2,17,80,412.00	
Corpus Fund				
Contribution from Tequip II and R & C	-		-	
Development/Renewal Fund				
Contribution from Tequip II	-		-	
Maintenance Fund				
Contribution from Tequip II	-		-	
Staff Development Fund				
Contribution from Tequip II	-	8,31,53,453.00	-	5,52,64,259.00
V. RECEIPTS AGAINST SPONSORED FELLOWSHIPS AND SCHOLARSHIP:				
Institute				
U.G.C.	-		7,08,859.00	
QIP Stipend & Contingency	-		44,026.00	
Outside Scholarship	92,36,232.40		74,28,324.00	
U.G.C. Fellowship	3,52,468.00			
CSIR Delhi	90,958.00		16,61,173.00	
Board of Apprenticeship Training	-		14,952.00	
ICCCT (Dr. A. K. Mishra)				
Subsidiaries				
Project Account :				
Project (Running)	10,51,05,407.00		3,70,38,291.00	
Project (Deffered Grant)	78,67,331.00	12,26,52,396.40	92,59,218.00	5,61,54,843.00
VI. INCOME ON INVESTMENT FROM				

a) EARMARKED/ ENDOWMENT FUND:				
Contributory Provident Fund:				
Interest on Contributory Provident Fund	21,31,817.00		4,03,086.00	
General Provident Fund:				
Interest on General Provident Fund	1,39,53,045.00		1,64,65,335.00	
Corpus Fund				
Revenue Income	1,95,56,513.00		6,71,337.00	
Development/Renewal Fund				
Revenue Income	1,01,057.00		20,172.00	
Maintenance Fund				
Revenue Income	1,01,022.00		20,172.00	
Staff Development Fund				
Revenue Income	1,98,817.00		21,206.00	
New Pension Scheme				
Interest on autosweep	-		3,89,348.00	
Interest on saving bank	4,24,186.00		6,207.00	
Subsidiary Funds				
Alumni Association	73,69,068.94		36,81,396.77	
Alumni Association-Prior Period	-		97,995.40	
Dean Academics-Prior Period	50.40			
Industrial Estate	18,81,837.00		27,11,386.69	
Project Account	18,46,910.00		-	
Research & Consultancy Cell	84,46,075.00		73,07,225.00	
Research & Consultancy Cell- Prior Period	1,82,78,242.39			
SNFCE	1,01,500.00		5,000.00	
Student Welfare Fund	10,81,387.00		14,38,475.00	
TEQUIP	63,305.00		10,22,684.00	
TEQUIP II- Prior Period	1,28,358.00			
Sponsored Gold Medal	-		1,00,000.00	
Text Book Lending Bank	27,594.00	7,56,90,784.73	28,348.00	3,43,89,373.86
VII. INTEREST RECEIVED ON:				
Term Deposits:				
Main Institute	8,17,19,129.00		6,70,77,097.00	
Rites- Gurgaon	-		-	

Income tax refund	-		90,944.00	
Subsidiary Funds:				
Alumni Association	3,46,601.00		6,37,508.00	
G. K. Agarwal Trust	18,162.00		18,901.00	
Industrial Estate	23,51,084.00		18,02,760.00	
Project Account	18,30,287.00		21,43,606.00	
Research & Consultancy Cell	47,58,930.00		51,22,341.00	
School of Non Formal Continuing Education	13,89,964.00		14,20,797.00	
Sponsored Gold Medal	30,383.00		20,815.00	
Student Welfare Fund	30,23,256.00		12,32,472.00	
Savings Bank & Autosweep Accounts:				
Main Institute	21,46,613.00		50,93,724.00	
Subsidiary Funds:				
Alumni Association	5,20,815.00		1,10,790.00	
Dean Academic Affairs	9,66,045.00		16,88,757.00	
G. K. Agarwal Trust	3,716.00		9,194.00	
Industrial Estate	4,43,833.00		4,97,264.00	
Nodal Centre (NTMIS)	-		3,769.00	
P.D.T.C.	7,915.00		7,211.00	
Project Account	31,13,764.00		10,51,270.00	
Research & Consultancy Cell	15,51,114.00		11,36,552.00	
School of Non Formal Continuing Education	1,45,239.00		2,52,354.00	
Sponsored Gold Medal	3,922.00		5,021.00	
Student Welfare Fund	98,233.00		2,97,209.00	
TEQIP - II	1,80,268.00		20,81,146.00	
Text Book Lending Bank	21,696.00		19,431.00	
On loan to Employees:				
Interest on House Building Loan Recovery	1,63,710.00		2,18,906.00	
Interest on Motorcycle Loan Recovery	3,488.00		-	
Interest on Other Advance	-	10,48,38,167.00	15,266.00	9,20,55,105.00
VIII. INVESTMENT ENCASHED				
IX. OTHER INCOME(INCLUDING PRIOR PERIOD INCOME)				
1. Hostel Room Rent				
Hostel Fan Charges	13,41,000.00		13,27,950.00	

Hostel Room Rent	33,52,500.00		33,19,875.00	
Hostel Utensils	8,93,400.00		8,85,300.00	
Shop/Canteen Rent & Electric Charges	2,68,216.00		3,09,362.00	
Rent from Staff Quarter	8,93,320.00		7,61,601.00	
Building Rent	1,98,590.00		1,48,816.00	
Income from Guest House	12,86,780.00		42,44,507.00	
2. Electricity & water charges				
Hostel Electricity Charges	70,00,599.40		70,00,491.40	
Water/Electricity Charges from Contractor & Staff	22,73,494.80		20,12,889.00	
3. Others				
Computer hiring charges	-		20135	
Computer Stationery Charges	25,69,875.00		26,59,750.00	
E-Mail Charges	37,50,750.00		44,64,825.00	
Medical Contribution	6,15,675.00			
NRI Fees	-		11,13,62,354.79	
Recreation Fees	87,39,000.00		89,87,000.00	
Student study tour	1,13,250.00		91,074.00	
Reference material	3,77,500.00		3,87,500.00	
Verification of Degree/Migration/Mark sheet	10,93,901.00		12,71,770.00	
Alumni Fees	4,55,100.00		4,34,400.00	
CMDR	2,02,363.00		48,010.00	
M.Tech/Ph.D/M.Sc. Admission Form	-		8,000.00	
M.Sc. Admission	5,17,500.00			
Miscellaneous Receipts Institute	4,47,221.00		3,92,982.00	
Sale of Tender Form	1,18,850.00		1,16,500.00	
Vehicle Charges	2,68,152.00		1,27,232.00	
Library Misc Receipt	-		12,222.00	
Seminar & Conference	2,37,608.00		-	
Retention of Service Charges	-		2,04,856.00	
Seminar Registration Fees	-		9,800.00	
Leave Salary	3,89,606.00			
Pension Contribution	6,49,187.00			
RTI Fees	1,210.00		2,486.00	
NIMCET fees	-	3,80,54,648.20	-	15,06,11,688.19

Interest Earned on TDR-Prior Period		-		4,71,611.00
Other Income				27,735.00
TEQUIP I		70,84,346.00		
Academic Receipts- Prior Period				
X. DEPOSITS AND ADVANCES				
Advance adjustment to Staff	2,45,49,010.00		2,35,22,793.00	
Advance adjustment to Imprest	4,87,434.00		2,75,920.00	
Advance adjustment to Parties	85,72,857.00		-	
Institute-Nodal Centre NTIMS			17,01,767.00	
TEQUIP III	6,38,094.00			
Festival Advance	-		39,70,200.00	
Recovered From SBI	14,55,616.00			
CCB Fund				
NPS Payment				
Tax Deducted at Source FY 2013-14 refunded			9,73,180.00	
Subsidiary-				
Subsidiary- Alumni Association - Advance & Imprest	30,605.00			
Subsidiary-Dean Academics - Advances	-		1,540.00	
Subsidiary-Project Account - Advance & Imprest	8,63,375.00		5,11,780.00	
R&C Cell - Advances & Imprest	13,99,000.00		17,10,633.00	
R&C Cell - Receivable from Project Account	8,26,245.00		7,40,800.00	
SNFCE - Receivable against FDP	-		5,000.00	
SNFCE - Advance & Imprest				
Industrial Estate-Advance for imprest	-		6,000.00	
TEQIP II- Advances Recoverable	37,35,692.00		30,14,800.00	
Recoverable Deposit- Institute- G.I. for Students	12,38,136.00		11,72,743.00	
Recoverable Deposit- Institute-Group Insurance Scheme	9,86,107.00	4,47,82,171.00	15,43,392.00	3,91,50,548.00
XI. MISCELLANEOUS RECEIPTS INCLUDING STATUTORY RECEIPTS				
Income Tax	7,14,12,153.00		4,47,59,972.00	
Sales Tax	1,35,265.00		2,00,923.00	
GST Payable	15,899.00			
Employees contribution to C.P.F	5,68,124.00		4,84,384.00	
Employees contribution to N.P.S	2,24,52,516.00		2,15,49,564.00	
GPF- contribution to employees	3,22,72,634.00		3,25,90,823.00	

SUBSIDIARIES				
Project Account - Income Tax	2,86,276.00		4,18,320.00	
R&C Cell - Income Tax	34,52,168.00		32,12,670.00	
R&C Cell - Service Tax	11,60,225.00		25,08,145.00	
R&C Cell - GST	27,45,888.00			
Industrial Estate- GST	40,170.00			
SNFCE - Income Tax	26,605.00	13,45,67,923.00	22,822.00	10,57,47,623.00
XII. ANY OTHER RECEIPTS				
Loan Account of PDTC & Industrial Estate	-		3,01,894.00	
ICCT SEED	1,00,000.00			
NIMSET Scheme	5,150.00		1,91,000.00	
TEQUIP II STIPEND	6,95,971.00		25,03,655.00	
Cancelled Cheques	56,71,155.00		8,07,541.00	
DST New Delhi	42,34,035.00		31,30,420.00	
Examination Fees	1,23,82,100.00		1,32,84,000.00	
L.I.C.	5,45,505.00		6,65,399.90	
Diety Programme	67,44,088.00		52,32,789.00	
Other Liabilities (Misc. Receipt Transfer)	2,68,53,152.14		1,07,14,712.00	
Leave Salary Contri.(Deputation)	-		2,84,808.00	
Retirement Benefit Received From Other Institution	43,51,523.00			
Caution Money	29,60,000.00		57,58,000.00	
Earnest Money/ Security Money	3,84,484.00		6,21,496.00	
Project Account Dean R & C	21,18,381.00		38,46,588.00	
Gain Project	76,16,000.00		48,96,000.00	
Project A/c	-		17,94,000.00	
Stipend TEQUIP II (R&C)	15,00,000.00			
Sipee 17	2,56,000.00			
Union Donation	42,000.00		1,35,000.00	
SUBSIDIARIES				
Alumni Association - Amount Payable	1,18,015.00		4,48,500.00	
Dean Academics - Cancelled Cheques	22,093.00		88,500.00	
Industrial Estate - Expenses Payable	9,440.00		32,570.00	
Project Account - Accounting Charges Payable	20,000.00		20,000.00	
R&C Cell - Expenses Payable	83,052.00		32,000.00	

R&C Cell - Gyan Course	1,77,000.00			
Project Fund A/c	60,03,646.00			
Project Account - Fellowship Payable	10,48,296.00			
SNFCE- Cancelled Cheque	-		39,150.00	
TEQIP II- Expenses Payable	55,327.00			
R&C Cell -Workshop Participation fees	-		56,000.00	
R&C Cell - Testing & Consultancy (Pending)	2,29,62,544.00	10,69,58,957.14	1,67,15,496.00	7,15,99,518.90
TOTAL		4,20,26,79,166.79		3,61,61,92,708.06

PAYMENTS	CURRENT YEAR		PREVIOUS YEAR	
I. EXPENSES				
a) Establishment Expenses				
a) Salaries and Wages (Refer Annexure H (1))	36,94,13,243.00		22,62,74,723.00	
b) Allowances and Bonus (Refer Annexure H (2))	21,45,33,423.40		22,24,22,539.00	
c) Contribution to Provident Fund	10,59,631.00		2,42,192.00	
d) Contribution to Other Fund (specify)				
Pension Contribution	-		41,588.00	
New Pension Scheme	1,42,29,709.00		1,07,66,858.00	
e) Retirement and Terminal Benefits (Refer Annexure H (3))	13,81,40,635.00		12,14,62,030.00	
Gratuity Payable	-		10,00,000.00	
Retirement Leave Encashment Payable	48,720.00		16,50,830.00	
f) LTC facility	32,42,622.00		44,96,674.00	
g) Children Education Allowance	22,30,856.00		37,04,366.00	
h) Retention of Service Charges	1,33,992.00			
h) Telephone Expense	16,95,380.00	74,47,28,211.40	25,24,440.00	59,45,86,240.00
b) Academic Expenses				
<u>Admission expenses</u>				
MBA Admission	2,36,000.00		4,02,610.00	
M.Tech./ Ph.D. Admission	-		10,56,873.00	
<u>Convocation expenses</u>				
Convocation expenses	25,00,073.00		36,63,268.00	
Stipend/means-cum-merit scholarship				
Stipend M Tech	8,90,23,605.00		9,53,59,649.00	
Stipend Ph.D	9,57,42,992.00		8,07,26,876.00	

Scholarship	6,52,960.00		6,51,000.00	
Others (specify)				
Faculty Recruitment	1,17,166.00			
Alumini Expenses	8,65,200.00		4,48,500.00	
Refund of Excess Fees	37,80,223.00		7,70,576.00	
Student Welfare Expenses	-		5,44,150.00	
Student Club/Student Activity Centre	77,12,383.00	20,06,30,602.00	75,28,907.00	19,11,52,409.00
c) Administrative Expenses				
Infrastructure				
Electricity and power				
Colony	21,08,446.00		20,41,975.00	
Hostel	1,57,13,200.00		91,24,999.00	
Institute	5,37,73,380.00		7,42,73,535.00	
Rent, Rates and Taxes (including property tax)				
Rent & Taxes - Hostel and Colony	5,80,28,946.00		2,164.00	
Communication				
Postage & telegram	28,400.00		67,238.00	
Telephone and Internet Charges	3,77,544.00			
Rental Charges of Internet Bandwidth (Internet Charges)	34,53,560.00		36,56,823.00	
Others				
Printing and Stationary	5,22,399.00		10,33,408.00	
Travelling and Conveyance Expenses	34,49,741.00		27,14,684.00	
Auditors Remuneration				
Chartered Accountant Fees	2,12,400.00		2,07,000.00	
Audit Fees AGUP	-		2,37,888.00	
Advertisement and Publicity				
Advertisement UG	38,09,661.00		38,12,348.00	
Magazines & Journals				
Library & E-Journals	-		-	
Magazine Charges	-		13,600.00	
Others (specify)				
Legal Expenses	1,72,575.00		15,68,029.00	
Library Newspaper & Magazine	-		6,225.00	
Library Operating Cost	5,19,004.00		3,50,082.00	

Liveries to Staff	1,63,400.00		2,03,355.00	
Msc. Admission	44,500.00			
Utensil Charges - Revenue	2,97,340.00		40,450.00	
Miscellaneous Contingencies	20,93,540.80		12,99,361.00	
Misc. Expenses	9,21,699.00		16,30,769.00	
Research Grant	1,57,921.00		3,86,975.00	
Security Charges	4,61,07,627.00		2,78,37,556.00	
Recreation Club Teaching & Non Teaching	61,000.00		99,500.00	
Anti Ragging Squad	15,09,816.00		8,25,670.00	
Training for Faculty Staff	915.00		70,512.00	
Executive Development Centre	5,41,639.00		6,43,088.00	
Medical Reimbursement	35,48,750.00		40,92,545.00	
Medicine including Doctors visit Fees	12,20,331.00		30,43,582.00	
Science City Salary	-		24,150.00	
NIT Transit House Contribution	2,50,000.00		2,50,000.00	
B.O.G & Meetings	16,60,059.00		11,39,701.00	
Seminar & Conference	50,000.00		3,61,611.00	
Application fees for appointment	46,740.00		61,225.00	
CMDR	7,05,992.00		5,61,031.00	
GST paid against bill	22,02,179.00			
Hostel & Colony (User Charges)	3,02,013.00			
Raw Material Consumables	10,004.00			
Purchase/Consumables (As per Annexure I)	1,32,04,337.00	21,72,69,058.80	97,01,418.00	15,13,82,497.00
d) Transportation Expenses				
Vehicles (owned by educational institution)	-		-	
Repairs & maintenance		12,86,155.00		11,24,520.00
e) Repairs & Maintenance				
Building				
Renovation of Building Structure	4,07,02,673.00		38,06,800.00	
Office Equipments				
Maintenance of Computer & Equipment	19,89,921.00		44,17,577.00	
General Utility Equipment	97,00,401.00		19,13,424.00	
Maintenance Lawns & Gardens	2,26,636.00		1,69,185.00	
Others (specify)				

Renovation of Electric System & Facilities	1,12,85,078.00		23,33,767.00	
Start-up (Govt Policies)	2,17,295.00	6,41,22,004.00	254253	1,28,95,006.00
f) Prior Period Expenses				
CPDA	80,000.00			
Interest on House Building and Motorcycle advance	-		31,640.00	
Advance Adjustment	29,400.00		-	
Other Expense	-	1,09,400.00	-	31,640.00
II. PAYMENTS AGAINST EARMARKED/ENDOWMENT FUNDS				
General Provident Fund:				
Payment to Subscribers and Bank Charges	2,80,36,191.00		3,75,38,791.00	
New Pension Scheme:				
Payment to NSDL and Bank Charges	2,52,34,576.00		1,90,60,461.00	
Contributory Provident Fund				
Prior Period	24,383.00			
Subsidiary Funds-Expenditure				
Alumni Association	26,65,888.40		33,62,752.00	
Dean Academic Affairs	1,07,69,070.70		77,68,028.00	
Industrial Estate	10,85,333.00		11,85,626.75	
Project Account	11,63,791.70		4,28,644.00	
Research & Consultancy Cell	24,43,526.50		28,70,974.13	
School of Non Formal Continuing Education	9,27,922.00		3,91,454.00	
Student Welfare Fund	10,27,213.00		9,64,464.00	
TEQIP - II	1,01,99,504.75		1,61,01,777.50	
Text Book Lending Bank	17,071.00	8,35,94,471.05	15,995.00	8,96,88,967.38
III. PAYMENTS AGAINST SPONSORED PROJECTS/SCHEMES				
IV. PAYMENTS AGAINST SPONSORED ELLOWSHIPS/ SCHOLARSHIPS				
Institute				
Conference ICPCES - 2010-11 EED				
U.G.C.	-		7,08,859.00	
UGC Fellowship	3,54,000.00		3,93,859.00	
CSIR Delhi	5,19,781.00		15,52,773.00	
Board of Apprenticeship Training	-		14,792.00	
AIEEE Scholarship	-		12,95,000.00	
Outside Scholarship	40,97,044.00		50,60,662.00	

Subsidiaries				
Project Account :				
Project (Running)	5,03,83,754.00	5,53,54,579.00	37996527	4,70,22,472.00
V. INVESTMENTS AND DEPOSITS MADE				
VI. TERM DEPOSITS WITH SCHEDULED BANKS				
VII. EXPENDITURE OF FIXED ASSETS AND CAPITAL WORK IN PROGRESS				
a) Fixed Assets				
1. Land	-	-	-	-
2. Buildings	-	-	1,66,04,351.00	-
3.Plant, machinery and equipment	1,29,90,324.00	-	1,43,03,821.00	-
4. Vehicles	-	-	-	-
5. Furniture and fixtures	97,57,909.00	-	14,26,648.00	-
6. Office equipment	98,91,280.00	-	1,02,12,835.00	-
7. Computer peripherals	92,63,097.00	-	1,08,47,606.00	-
8. Electric installations	2,38,46,207.00	-	40,44,374.00	-
9. Library books	45,89,042.00	-	20,000.00	-
10. Tube wells and water supply	36,04,140.00	-	1,74,353.00	-
11. Other fixed assets	1,81,884.00	-	23,358.00	-
b) Intangible Asset				
12. Computer Software	17,70,260.00	-	22,97,810.00	-
13. E-Journals	10,09,030.00	-	38,03,706.00	-
c) Capital Work in Progress	4,77,82,720.00	12,46,85,893.00	-	6,37,58,862.00
VIII. OTHER PAYMENTS INCLUDING STATUTORY PAYMENTS				
Income Tax	7,34,64,447.00	-	4,27,07,678.00	-
Sales Tax	1,35,265.00	-	2,00,923.00	-
Employees contribution to C.P.F	5,68,124.00	-	4,84,384.00	-
Employees contribution to N.P.S	2,24,52,516.00	-	2,16,57,912.00	-
GPF- contribution to employees	3,22,72,634.00	-	3,25,87,823.00	-
SUBSIDIARIES				
Project Account - Income Tax	1,88,180.00	-	4,19,320.00	-
R&C Cell - Income Tax	26,20,024.00	-	16,71,409.00	-
R&C Cell - Service Tax	11,60,225.00	-	25,08,145.00	-
R&C Cell - GST	24,82,536.00	-	-	-

Industrial Estate - GST	13,388.00			
SNFCE - Income Tax	26,605.00		22,822.00	
Dean Academic Affairs - Income Tax		13,53,83,944.00		10,22,60,416.00
IX. REFUND OF GRANT				
X. DEPOSITS AND ADVANCES				
Advance given to Staff	2,00,50,191.00		2,73,79,433.00	
Imprest given to Staff	4,50,966.00		4,25,000.00	
Advance given to Parties	65,00,000.00		41,26,97,764.00	
Institute-Nodal Centre NTIMS			17,01,767.00	
TEQUIP III	7,86,160.00			
Project Account - Advance for Plant and Machinery	27,52,040.00		28,30,426.00	
Recovery against Debts Outstanding of Industrial Estate	13,327.00		12,29,457.69	
Recoverable from SBI	-		14,55,616.00	
Industrial Estate-Advance for Imprest	-		7,500.00	
Tax Deducted at Source	59,79,225.00		38,97,512.00	
Prepaid Expense	15,49,230.00			
Subsidiary				
Subsidiary-Tequip II - Advances	-		67,50,492.00	
Subsidiary-Alumani Association Advance & Imprest	45,000.00			
Subsidiary-Dean Academics - Advances	10,00,000.00		-	
Subsidiary-Project Account - Advance & Imprest	6,86,685.00		7,07,980.00	
R&C Cell - Advances & Imprest	9,55,000.00		9,33,000.00	
R&C Cell - Receivable from Project Account	8,26,245.00		7,40,400.00	
R&C Cell - TEQUIP III	15,00,000.00			
Snfce Advance & Imprest	5,000.00			
Industrial Estate- Service Tax under Appeal	14,39,166.00			
TEQIP - Advances Recoverable	-		10,50,000.00	
Recoverable Deposit- Institute- G.I. for Students	13,74,169.00		11,72,743.00	
Recoverable Deposit- Institute-Group Insurance Scheme	12,84,895.00		12,79,007.00	
Recoverable Deposit- Institute-Security & Earnest Money		4,71,97,299.00		46,42,58,097.69
XI. OTHER PAYMENTS				
Bank Charges	88,122.80		51,421.00	
NMEICT Scheme	-		1,18,324.00	
TEQUIP I Fund	70,84,346.00			

NIMSET Scheme	5,150.00		1,91,000.00	
ICCCT Seed	1,00,000.00			
TEQUIP II Stipend	-		84,93,558.00	
Cancelled Cheques	38,13,858.00		15,79,108.00	
DST New Delhi	43,70,027.00		40,89,338.00	
Examination Fees	7,100.00		12,74,114.00	
Project Account	-		12,82,853.00	
Gian Project	56,23,663.00		39,91,979.50	
L.I.C.	5,45,505.00		7,29,310.00	
Other Liabilities (Misc. Receipt Transfer)	2,67,61,589.00		1,09,29,676.14	
Deity Programme	67,44,088.00		52,32,789.00	
Caution Money	42,08,000.00		27,28,000.00	
Earnest Money/ Security Money	-		9,99,847.00	
Project A/c	-		17,94,000.00	
Retirement Benefit Received From Other Institution	43,51,523.00			
Stipend TEQUIP II (R&C)	12,93,600.00			
Sipee 17	2,56,000.00			
Union Donation	42,000.00		1,35,000.00	
SUBSIDIARIES				
Dean Academics- Cancelled Cheques	9,000.00			
Industrial Estate- Expenses Payable	9,200.00			
Project Account - Accounting Charges Payable	20,000.00		20,000.00	
R&C Cell - Expenses Payable	32,000.00		20,000.00	
SNFCE- Cancelled Cheque	-		8,750.00	
TEQIP II- Expense Payable	38,500.00			
R&C Cell - Workshop Participation Fee	56,000.00			
R&C Cell - CCB	1,82,78,242.39			
R&C Cell - Testing & Consultancy	2,53,70,332.00	10,91,07,846.19	2,19,73,192.00	6,56,42,259.64
XII. CLOSING BALANCE:				
Cash in Hand		7,470.00		49,272.00
Bank Account:				
State Bank of India - Power Jyoti	11,711.71		9,038.71	
State Bank of India - New Fees Account (with Autosweep)	46,50,07,327.96	46,50,19,039.67	16,82,37,546.96	16,82,46,585.67
Savings Account & Autosweep:				

Vijaya Bank	22,89,34,514.78	22,89,34,514.78	12,13,67,533.07	12,13,67,533.07
In Fixed Deposits with Banks:				
Institute				
State Bank of India	86,48,49,276.00		80,67,60,339.00	
Caution Money				
State Bank of India	17,27,804.00		17,27,804.00	
Vijaya Bank	85,00,000.00	87,50,77,080.00	85,00,000.00	81,69,88,143.00
Earmarked and Endowment Fund:				
Contributory Provident Fund:				
Contributory Provident Fund (SB)	22,94,273.12		1,51,534.12	
Contributory Provident Fund FDR	1,43,89,470.00		1,22,98,067.00	
General Provident Fund:				
General Provident Fund - with Treasury	10,07,349.00		10,07,349.00	
General Provident Fund - with Vijaya Bank (FDR)	24,89,28,729.00		22,71,69,919.00	
General Provident Fund - with Vijaya Bank (SB)	1,69,26,626.00		9,49,076.00	
Corpus Fund				
Corpus Fund-with (SBI-SB)	1,02,43,024.00		96,32,841.00	
Corpus Fund-with (SBI-FDR)	16,46,79,553.00		14,58,00,000.00	
Development/Renewal Fund				
Development/Renewal Fund (SBI-SB)	3,39,383.00		3,21,690.00	
Development/Renewal Fund (SBI-FDR)	6,31,835.00		5,50,000.00	
Maintenance Fund				
Maintenance Fund (SBI-SB)	3,38,860.00		3,21,199.00	
Maintenance Fund (SBI-TDR)	6,31,835.00		5,50,000.00	
Staff Development Fund				
Staff Development Fund (SBI-SB)	3,54,915.00		3,36,283.00	
Staff Development Fund (SBI-TDR)	13,78,551.00		12,00,000.00	
New Pension Scheme:				
Vijaya Bank Saving Account	1,24,70,777.00	47,46,15,180.12	80,73,928.00	40,83,61,886.12
In Subsidiary Funds:				
Admission Committee	7,04,312.00		7,04,312.00	
Alumni Association				
Savings Account	68,16,543.37		13,29,553.83	
Fixed Deposits	1,05,41,505.00		1,05,41,505.00	

Dean Academic Affairs	1,89,27,319.20		2,97,17,201.50	
G. K. Agarwal Trust :				
Savings Account:	2,89,206.00		2,67,328.00	
Fixed Deposits	3,00,000.00		3,00,000.00	
Industrial Estate				
Current Account	1,13,35,054.51		1,08,98,809.51	
Fixed Deposits	3,32,88,877.00		3,17,92,593.00	
Kitchen Project	6,272.00		6,272.00	
Nodal Centre	82,770.00		82,770.00	
P.D.T.C.	2,08,867.00		2,00,952.00	
Project Account				
Savings & Auto Sweep Account	9,24,61,079.08		2,91,05,010.78	
Fixed Deposits	3,15,00,998.00		2,96,70,711.00	
Research & Consultancy Cell :				
Savings & Auto Sweep Account	3,53,11,138.92		3,02,43,021.42	
Fixed Deposits	8,00,96,566.00		7,53,37,636.00	
School of Non Formal Continuing Education :				
Current Account	45,46,927.00		38,43,146.00	
Fixed Deposits	1,98,02,189.00		1,98,02,189.00	
Sponsored Gold Medal				
Savings Account	2,54,701.00		2,20,396.00	
Fixed Deposits	3,88,488.00		3,88,488.00	
Student Welfare Fund :				
Savings Account	52,27,308.00		95,25,845.00	
Fixed Deposits	2,05,82,050.00		1,25,82,050.00	
TEQIP - II	23,03,369.70		2,02,67,452.45	
Text Book Lending Bank	5,80,878.00	37,55,56,418.78	5,48,659.00	31,73,75,901.49
TOTAL		4,20,26,79,166.79		3,61,61,92,708.06

CHARTERED ACCOUNTANT

DY. REGISTRAR (A/CS)

REGISTRAR

ANNEXURES

Annexure-1	NIT Council
Annexure-2	Board of Governors
Annexure-3	Finance Committee
Annexure-4	Building and Works Committee
Annexure-5	Senate
Annexure-6	Activities Organized Under SAC
Annexure-7	Placement Details
Annexure-8	Details of Publication under Central Instrumentation Facility
Annexure-9	Details of Externally Funded Research Project
Annexure-10	Testing and Consultancy

COUNCIL OF NATIONAL INSTITUTE OF TECHNOLOGY (NIT COUNCIL)

The Council shall consist of the following members, namely:-

- (a) the Minister in charge of the Ministry or Department of the Central Government having administrative control of the technical education, *ex officio*, as Chairman;
- (b) the Secretary to the Government of India in charge of the Ministry or Department of the Central Government having administrative control of the technical education, *ex officio* as Vice-Chairman;
- (c) the Chairperson of every Board, *ex officio*;
- (d) the Director of every Institute, *ex officio*;
- (e) the Chairman, University Grants Commission, *ex officio*;
- (f) the Director General, Council of Scientific and Industrial Research, *ex officio*;
- (g) four Secretaries to the Government of India, to represent the Ministries or Department of the Central Government dealing with biotechnology, atomic energy, information technology and space, *ex officio*;
- (h) the Chairman, All India Council for Technical Education, *ex officio*;
- (i) not less than three, but not more than five persons to be nominated by the Visitor, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, industry, science or technology;
- (j) three members of Parliament, of whom two shall be chosen by the House of the People and one by the Council of States:

Provided that the office of member of the Council shall not disqualify its holder for being chosen as or for being, a member of either House of Parliament;
- (k) two Secretaries to the State Government, from amongst the Ministries or Departments of that Government dealing with technical education where the Institutes are located, *ex officio*;
- (l) Financial Advisor, dealing with the Human Resource Development Ministry or Department of the Central Government, *ex officio*;
- (m) one officer not below the rank of Joint Secretary to the Government of India in the Ministry or Department of Central Government having administrative control of the Technical Education, *ex officio*, as Member-Secretary.

BOARD OF GOVERNORS

The Board of Governors of the Institute consists of the following members:

- | | | |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| (i) | The Chairperson to be nominated by the Visitor | Chairperson |
| (ii) | The Director, ex-officio; | Member |
| (iii) | Two persons not below the rank of the Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance; | Member |
| (iv) | Two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who in the opinion of that Government, are technologists or industrialists of repute; | Member |
| (v) | Two persons, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council; and | Member |
| (vi) | One professor and one assistant professor or a lecturer of the Institute to be nominated by the Senate. | Member |
| (vii) | Registrar | Secretary |

ANNEXURE-3

FINANCE COMMITTEE

The Finance Committee consists of the following persons:

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| (i) The Chairperson Board of Governor | Chairman (Ex-Officio) |
| (ii) The Director | Member (Ex-Officio) |
| (iii) Joint Secretary dealing with National Institutes of Technology or his nominee and Financial Advisor (Human Resource Development) or his nominee members | Members |
| (iv) Two persons nominated by the Board from amongst its members | Members |
| (v) The Registrar | Member Secretary (Ex-Officio) |

(Provided that in addition to the above, the Chairman may, in consultation with the Director, co-opt a member as and when found necessary)

BUILDING AND WORKS COMMITTEE

The Building and Works Committee Consists of the following persons:

- | | | |
|-------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| (i) | The Director of the Institute | Chairman (Ex-Officio) |
| (ii) | One member nominated by the Central Government not below the rank of Director or Deputy Secretary | Member |
| (iii) | One member nominated by the Board of Governors | Member |
| (iv) | Registrar | Member Secretary (Ex-Officio) |
| (v) | Dean, Planning and Development or similar position | Member |
| (vi) | One expert each from Civil and Electrical Engineering Wing of the Central or State Government or any autonomous body of repute | Member |

SENATE

The Senate of the Institute consists of the following persons:

- | | | |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| (i) | The Director of the Institute | Chairman (Ex-Officio) |
| (ii) | The Deputy Director | Member (Ex-Officio) |
| (iii) | The professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute | Member |
| (iv) | Three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities | Member |
| (v) | Such other members of the staff as may be laid down in the Statutes | Member |
| (vi) | Registrar | Secretary |

ACTIVITIES ORGANIZED UNDER/ STUDENT ACTIVITY CENTRE

Following events have been organized during the period April, 2017 to March, 2018 by the SAC, MNNIT Allahabad.

S. No.	Name of the Festivals/ Events	Events Date
1.	Personality Development workshop	September 09-10, 2017
2.	Avishkar & Gnosomania (Annual Techno-management festival)	October 11-14, 2017
3.	Ek Bharat Shreshtha Bharat (MHRD)	October 15, 2017
4.	Josh & J.Lal Sports Festival	Oct 30 to Nov 05, 2017
5.	Rashtriya Ekta Diwas (MHRD)	31 October, 2017
6.	Vigilance Awareness Week (MHRD)	October 30 to November 04, 2017
7.	Spicmacay (Pt. Rajendra Prasanna)	November 15, 2017
8.	Constitution Day (MHRD)	November 27, 2017
9.	National Voters Day	January 01, 2018
10.	Annual Athletics Meet	February 08-10, 2018
11.	Eloquence (Annual Literary festival)	March 9-11, 2018
12.	Culrav (Annual Cultural Festival)	March 21-24, 2018

The Personality Development Workshop was marked by the presence of motivational speaker; Mr. Amit Mishra (Tedx Speaker).

The annual techno-management festival Avishkar 2017 witnessed the participation of the following personalities in GnoTalks

- (i) Mr. Devendra Jhajharia (Para-Olympic gold medalist)
- (ii) Indian Jam Project Band
- (iii) Mr. Vinay Pathak (Flim Artist)
- (iv) Mr. Vivek Patil (Light Artist)
- (v) Dr.Ananda Shankar Jayant (Classical Dancer & Cancer Survivor)

Annual Literary Festival Eloquence -2018 was organized during March 09 -11, 2018, with an aim to bring about personality and communications skills development of the participating students, along with the creation of a learning and atmosphere of literary art. The event also witnessed the presence of Mr. Kishore AJ.

The institute also witnessed cultural festival CULRAV from March 21-24, 2018 with a wide variety of cultural events. On the first day Kavya Sandhya was organized in the presence of Padma Shri Shri Surendra Sharma, Dr. Rahat Indori, and Sri. Shlesh Gautam, who presented kavyapath on various social and national issues.

The institute has always provided students the right platform to showcase their talents and bring achievement to the institute by participating in various inter institute events. The students participated in the following events:

- (i) "SANGRAM" The Sports Festival at IIT Roorkee (Athletic); March 31 to April 02, 2017.
- (ii) National Finale of NTPC Quiz New Delhi, August 19, 2017.
- (iii) Sports Festival of IIT Kanpur (UDGHOSH); October 12-15, 2017.

- (iv) Inter NIT Sports Meet (Athletics & Gym) at MNIT Jaipur; November 03-05, 2017.
- (v) Jagriti Yatra at Mumbai, December 23, 2017 to January 08, 2018.
- (vi) Techfest "Kshitiz" at IIT Kharagpur; January 19-21, 2018.
- (vii) Cultural fest of IIT BHU "KASHI YATRA", January 19-21, 2018.
- (viii) Cultural Fest of IIT Kharagpur (Spring Fest); January 26-28, 2018.
- (ix) Inter NIT Basketball and Badminton at NIT Warangal, January 27-29, 2018.
- (x) Inter-Technical Institute T-20 Cricket Tournament–Techno Cup 2018 at J.K. Institute, University of Allahabad, February 14-18, 2018.
- (xi) All India Inter NIT Sports Meet at NIT Kurukshetra, February 22-25, 2018.
- (xii) Techfest "Techkriti" 2018 at IIT Kanpur, March 15-18, 2018.
- (xiii) Techfest "Azeotrophy" organized by IIT Mumbai ; March 15-20, 2018.

Following are the brief achievement of the students in the various inter-institute events attended:-

Sl.No.	Event	Performance
1.	National Finale , New Delhi (August 19, 2017)	NTPC Electron Quiz (3 rd Position), Mr. Siddharth Majumdar (B.Tech 2 nd year) and Mr. Manu Nigotia (B.Tech Final Year)
2.	Jaipuria Quiz, (November 14, 2017)	The National Finale "Jaipuria" Quiz (Winner) Mr. Saqib Javed (B.Tech Final Year), (2 nd Runner- up) Mr. Shivam Kapoor (B.Tech 2 nd Year) and Mr. Siddharth Majumdar (B.Tech 2 nd Year)
3.	Kashi Yatra, IIT BHU (January 19-21, 2018)	Cultural Fest Kashi Yatra (1 st Position) Mr. Rashtra Shekhar, Mr. Preetpal Singh, Mr. Ayushman Singh (Indian Quiz) and (3 rd Position) Mr. Rashtra Shekhar, Mr. Preetpal Singh, Mr. Ayushman Singh (General Quiz)
4.	Kshitij, IIT Kharagpur (January 19-21, 2018)	Tech Fest (Qualified for Final) Mr. Abhishek Agarwal, Mr. Kunal Agarwal, Mr. Abhishek Singh, Mr. Tanish Yadav, Mr. Jai Kumar Kumavat, Mr. Anurag Upadhaye, and Anil Kumar
5.	Spring Fest, IIT Kharagpur (January 26-28, 2018)	Annual Cultural Fest Spring Fest Finger Painting (2 nd Position) Mr. Ankit Medhankar,(B.Tech 2 nd Year). Face Painting Competition (3 rd Position) Mr. Ankit Medhankar and Komal Chaurasia (B.Tech 2 nd Year) and after Movie Making (2 nd Position) Media House of MNNIT Team Stood 2 nd among 28 team from various National Colleges.
6.	Azeotropy IIT Bombay (March 15-20, 2018)	(3 rd Position) Mr. Deependra Anand, Mr. Mahesh Malav for CHEM- E-Switch
7.	TECHKRITI, IIT Kanpur (March 15-18, 2018)	Tech Fest Techkriti (19 Teams) Participated for this event and 04 Teams Take Position (i) Team No. 02 (2 nd Position) (Electromania) Mr. Tushar Nand, Deepanjan Saha, Sarthak Walia, Chetan Kamatak, Prateek Kumar Sahu and Murlidhar Patidhar. (ii) Team No. 03 (2 nd Position) (EMBEDDED) Mr. Anshul Singh, Mr. Arsh Singh, Mr. Manas Abhilash. (iii) Team No. 06 (3 rd Position) (EMBEDDED) Mr. Gaurav Bansal, Ms. Namrta Lakhwan, Mr. Daniyal Hammad, Mr. Harsh Azad.

- (iv) Team No. 13 (1st Position) Social Track Mr. Gaurank Pandey, Mr. Abhishek Gautam, Mr. Keshari Nath Tiwari, Mr. Bhuvan Jumb and Mr. Archit Chaudhary.
-

The Students also participated in various inter-institute sports/Athletic events and achievement for the institute.

1. The most applauding moment was when the Institute Athletic Team Participated in Inter – Institute Sports Meet '**SANGRAM**' (Athletics) at IIT Roorkee during March 31 to April 02, 2017. The institute won the following medals
 - (i) Gold - 03
 - (ii) Silver - 04
 - (iii) Bronze - 01
2. All India Sports Meet '**UDGHOSH**' 17 at IIT Kanpur during October 12-15, 2017. The inStitute won the following medals
 - (i) Gold - 04
 - (ii) Silver - 03
3. The Sports Festival at IIT BHU '**SPARDHA**' during October 27-29, 2017. The Institute won the following Position
 - (i) Badminton (Boys) - Lost in Semi Final
 - (ii) Chess (Girls) - 2nd Position
 - (iii) Cricket - 2nd Position
 - (iv) Table- Tennis - 3rd Position
4. Remarkable Achievement by MNNIT Athletics Team in All India Inter NIT Sports Meet at NIT Jaipur during November 03-05, 2017. The institute won the following medals as stood overall **CHAMPIONSHIP**.
 - (i) Badminton (Boys) - Lost in Semi Final
 - (ii) Gold - 07
 - (iii) Silver - 10
 - (iv) Bronze - 05
5. All India Inter NIT Sports Meet was held at NIT Kurukshetra during February 22-25, 2018.

Table-Tennis Team became Champion

Under various events irrespective of their genre, the Institute has extended its constant effort and support to the students on higher scales. The students have also given justice in bringing name and fame to the institute with their remarkable performances and glorious results. The very idea of letting students perform in various activities apart from academic oriented programs is of incredible value and importance.

PLACEMENT DETAILS

For B. Tech. Courses

Course	Discipline	No. of Students	Eligible Students	Students Placed	Jobs Offered	%age
B. Tech	Biotechnology	38	34	19	21	55.88
	Chemical	38	33	28	35	84.85
	Civil	88	58	41	47	70.69
	Computer Science	183	164	160	185	97.56
	Electrical	83	71	65	73	90.14
	Electronics & Communication	160	144	129	148	89.58
	Mechanical	150	124	108	113	87.10
	Production & Industrial	32	25	21	25	84.00
	Information Technology	109	92	85	94	92.39
Total		881	745	656	736	88.39

For Master Courses

Course	Eligible Students	Students Placed	Jobs Offered	% age
M. Tech.	232	105	107	45.26
MCA	83	53	57	63.86
M.Sc.	09	01	01	11.11
MBA	39	35	35	89.74
MSW	09	00	00	00
Total	372	194	200	52.15

Year-wise Placement details of B. Tech. Students

Department	2017-18		2016-17		2015-16	
	Eligible	Placed	Eligible	Placed	Eligible	Placed
Biotechnology	34	19	23	20	33	25
Chemical	33	28	36	28	39	32
Civil	58	41	68	50	78	30
Computer Science	164	160	163	154	159	149
Electronics & Communication	144	129	137	113	141	124
Electrical	71	65	66	54	64	54
Information Technology	92	85	92	81	84	75
Mechanical	124	108	109	93	113	81
Production & Industrial	25	21	36	25	30	23
Total	745	656	730	618	741	593

ANNEXURE-8

DETAILS OF PUBLICATION UNDER CENTRAL INSTRUMENTATION FACILITY

1. Liu S, Yang R, Durgesh K. Tripathi, Li X, He W, Wu M, Ali S, Ma M, Cheng Q, Pan Y. The interplay between reactive oxygen and nitrogen species contributes in the regulatory mechanism of the nitro-oxidative stress induced by cadmium in Arabidopsis. Journal of Hazardous Materials. 2018;344:1007-24.(IF: 6.434)
2. Durgesh K. Tripathi, Singh S, Gaur S, Singh S, Yadav V, Liu S, Singh VP, Sharma S, Srivastava P, Prasad SM, Dubey NK. Acquisition and Homeostasis of Iron in Higher Plants and Their Probable Role in Abiotic Stress Tolerance. Frontiers in Environmental Science. 2018;5:86.
3. Tripathi A, Liu S, Singh PK, Kumar N, Pandey AC, Durgesh K. Tripathi, Chauhan DK, Sahi S. Differential phytotoxic responses of silver nitrate (AgNO₃) and silver nanoparticle (AgNps) in Cucumis sativus L. Plant Gene. 2017;11:255-64.
4. Liu, Shiliang, Rongjie Yang, Jun Yang, Tongpei Yi, Huixing Song, Mingyan Jiang, Durgesh K. Tripathi, Mingdong Ma, and Qibing Chen. Differentiating *Thamnocalamus Munro* from *Fargesia Franchet emend. Yi (Bambusoideae, Poaceae)*: novel evidence from morphological and neural-network analyses. Scientific Reports 2017; 7(IF: 4.122)
5. Vishwakarma, K., Gaur, S., Upadhyay, N., Singh, J., Tripathi, D. K., Chauhan, D. K., Sharma, S. Differential phytotoxic impact of plant mediated silver nanoparticles (AgNPs) and silver nitrate (AgNO₃) on Brassica sp. Frontiers in Plant Science, 2017; 8: 1501.(IF: 3.678)
6. Upadhyay, N., Vishwakarma, K., Singh, J., Mishra, M., Kumar, V., Rani, R., Mishra, R.K., Chauhan, D.K., Tripathi, D.K. and Sharma, S., 2017. Tolerance and reduction of chromium (VI) by *Bacillus* sp. MNU16 isolated from contaminated coal mining soil. Frontiers in plant science, 2017;8: 778 (IF: 3.678)
7. Tripathi, D.K., Tripathi, A., Shweta, S.S., Singh, Y., Vishwakarma, K., Yadav, G., Sharma, S., Singh, V.K., Mishra, R.K., Upadhyay, R.G. and Dubey, N.K. Uptake, accumulation and toxicity of silver nanoparticle in autotrophic plants, and heterotrophic microbes: A concentric review. Frontiers in microbiology, 2017;8: 7 (IF: 4.019)
8. Kumar, D., Tripathi, D. K., Liu, S., Singh, V. K., Sharma, S., Dubey, N. K., ... & Chauhan, D. K. *Pongamia pinnata* (L.) pierre tree seedlings offer a model species for arsenic phytoremediation. Plant Gene. 2017; 11:238-46
9. Singh, S., Tripathi, D.K., Singh, S., Sharma, S., Dubey, N.K., Chauhan, D.K. and Vaculik, M. Toxicity of aluminium on various levels of plant cells and organism: a review. Environmental and Experimental Botany. 2017;137:177-93(IF: 3.666)
10. Singh, S., Vishwakarma, K., Singh, S., Sharma, S., Dubey, N.K., Singh, V.K., Liu, S., Tripathi, D.K. and Chauhan, D.K. Understanding the plant and nanoparticle interface at transcriptomic and proteomic level: A concentric overview. Plant Gene. 2017;11:265-72.

Book(s)/ Book Chapter(s) Authored

Sl. No.	Faculty Name (Author/Co-Author)	Book	Book Chapter	Publisher
1.	D. K. Tripathi, P. Ahmad, S. Sharma, D. K. Chauhan, N. K. Dubey, 2017	Nanomaterials in Plants, Algae, and Microorganisms: Concepts and Controversies: Volume	-	Elsevier
2.	D. K. Tripathi and S. Sharma et al., 2017	Nanotechnology: Food and Environmental Paradigm	Plants and Carbon Nanotubes (CNTs) Interface: Present Status	Springer Nature

3.	N. Arif, D. K. Tripathi, S. Sharma, et al., 2017	Plant Responses to Xenobiotics	and Future Prospects. Assessment of Antioxidant Potential of Plants in Response to Heavy Metals. In Plant Responses to Xenobiotics	Springer
4.	K. Vishwakarma, S. Sharma, V. Kumar, N. Upadhyay, N. Kumar, R. Mishra, G. Yadav, R. K. Verma, D. K. Tripathi, 2017	Probiotics in Agroecosystem	Current Scenario of Root Exudate-Mediated Plant-Microbe Interaction and Promotion of Plant Growth	Springer, Singapore
5.	K. Vishwakarma, M. Mishra, S. Jain, J. Singh, N. Upadhyay, R. K. Verma, P. Verma, D. K. Tripathi, V. Kumar, R. Mishra, S. Sharma, 2017	Plant-Microbe Interactions in Agro-Ecological Perspectives	Exploring the Role of Plant-Microbe Interactions in Improving Soil Structure and Function Through Root Exudation: A Key to Sustainable Agriculture	Springer, Singapore
6.	G. Yadav, K. Vishwakarma, S. Sharma, V. Kumar, N. Upadhyay, N. Kumar, R. K. Verma, R. Mishra, D. K. Tripathi and R. G. Upadhyay, 2017	Probiotics and plant health	Emerging Significance of Rhizospheric Probiotics and Its Impact on Plant Health: Current Perspective Towards Sustainable Agriculture	Springer, Singapore
7.	Shweta, K. Vishwakarma, S. Sharma, R. P. Narayan, P. Srivastava, A. S. Khan, N. K. Dubey, D. K. Tripathi, and Chauhan, 2017	Nanotechnology	Plants and Carbon Nanotubes (CNTs) Interface: Present Status and Future Prospects	Springer, Singapore
8.	K. Vishwakarma, N. Upadhyay, N. Kumar, D. K. Tripathi, S. Sharma, 2017	Nanomaterials in Plants, Algae and Microorganism: Concepts and Controversies	Potential applications and avenues of nanotechnology in sustainable agriculture	Elsevier

Research Projects Ongoing/ Completed

Sl. No.	Principle Investigator/ Coinvestigator(s)	Project Title	Funding Agency	Amount (INR)	Duration (Status)
1.	Project Mentor: Director MNNIT Project Coordinator/PI: Dr. Shivesh Sharma	Design and Innovation Centre	MHRD	1,03,95,000.00	Ongoing

DETAILS OF EXTERNALLY FUNDED RESEARCH PROJECT (UPTO 31.03.2018)

Sl. No	Principal Investigator/Co-investigator	Project Title	Funding Agency	Sanctioned Amount (`)	Month year of project Sanction and Duration
1.	Dr. Ashutosh Mani	Domain Specific Functional Investigation of YB-1(a cold shock domain protein) Integrators as Prospective Therapeutic Targets in Aden carcinoma of colon	SERB, New Delhi	30,00,000.00	Mar-2015/ 3 Years
2.	Prof. Geetika	Multi-Partnership Model of Self Sustainable Shelters for Urban Homeless Poor	HSM, New Delhi	16,00,000.00	Jun-2013/ 2 Year
3.	Dr. Ajay Bharti	Improvement of Mechanical Properties due to Friction Stir Processing (FSP) and Addition of Hard Phase Particle	Shashi Associates Pune	1,00,000.00	Nov-2017/ 1 Year
4.	Dr. A. N. Sawarkar	Studies on Pyrolysis of Rice Husk	Marathi Vidnyan Parishad, Mumbai	1,00,000.00	Sep-2016/ 1 Year
5.	Prof. Anuj Jain	Experimental and Computational Studies on Human Airways	SERB, New Delhi	38,48,200.00	Jun-2014/ 4 Years (after 1 year extension)
6.	Dr. Pitam Singh	Social Priority Based Urban Road Transport System using GIS and DEA: Performance Assessment and Designing for Major Cities of Uttar Pradesh (India)	ICSSR, New Delhi	6,40,000.00	Dec-2015/ 2 Years 6 months (after 6 month extension)
7.	Prof. R. C. Vaishya	Air Pollution Monitoring Project	UPPCB, Lucknow	46,48,200.00	Jun-2006/Year to Year Continue
8.	Prof. R. P. Singh	Ambient Air Quality Monitoring and Noise Monitoring at three locations in Allahabad City	UPPCB, Lucknow	7,12,000.00	Dec-2014/ 6 Years (after 3 year extension)
9.	Dr. P. Karuppanan	Design and Development of an FPGA Controller for PEM Fuel Cell Power Systems	DAE, Mumbai	18,89,200.00	Dec-2014/ 3 Years
10.	Dr. Shivesh Sharma	Design and Innovation Centre	MHRD, New Delhi	13,00,000.00	Jan-2015/ 5 Years
11.	Dr. R. S. Yadav	Information Security Education & Awareness (ISEA) Project - Phase - II	DeitY, New Delhi	36,06,000.00	Feb-2015/ 3 Years
12.	Dr. Soumya Ranjan Mohanty	Embedded disturbance detection and classification for the distributed generation source connected to grid	SERB, New Delhi	36,93,000.00	May-2015/ 3 Years
13.	Dr. Ashutosh Mani	Identification of Novel Drug Targets in Aspergillus Fumigatus Genome Prioritized by essentiality based screening and	CST, Lucknow	7,50,000.00	May-2015/ 3 Years

14.	Dr. Anuj Jain	rational designing of new Antifungal compounds Effects of Respirable Suspended particulate Matter (RSPM) on Chronic Obstructive Pulmonary Diseases (CPOD) Using Computational Fluid Dynamics (CFD)	CST, Lucknow	11,48,000.00	May-2015/ 3 Years
15.	Dr. Nand Kishor	Operation of the Smart Grid With Wide Area Information (Opera Grid)	DST, New Delhi	18,85,980.00	May-2015/ 3 Years
16.	Dr. Rajesh Gupta	Power Electronics Converter Based Bidirectional Power Flow Controller for Energy Storage Applications	CSIR, New Delhi	17,05,000.00	Jun-2015/ 3 Years
17.	Dr. Ajeet Singh	Modeling of Dyes and perovskites based Sensitizer for solar energy harvesting	SERB, New Delhi	33,20,000.00	July-2015/ 3 Years
18.	Dr. Sameer Srivastava	Characterization of Epigenetically Deregulated Genes in Colorectal Adenomas/Carcinomas Using Next Generation Sequencing Technologies for Development of Novel Biomarkers.	DBT, New Delhi	24,95,500.00	July-2015/ 3 Years
19.	Dr. Ambak Kumar Rai	Study to Investigate the Therapeutic Efficacy of CD5 Blocking in Treatment of T Cell lymphoblastic Leukemia	DBT, New Delhi	24,69,000.00	July-2015/ 3 Years
20.	Dr. Sushil Kumar	Reactive Extraction of Nicotinic and Isonicotinic Acids from Aqueous Solution	SERB, New Delhi	11,11,000.00	Nov-2015/ 3 Years
21.	Dr. Vishnu Agarwal	Study of Role of Lactone Signaling and Alginate Production on Neutrophil interaction Apoptosis and Subsequent Macrophage Mediated Phagocytosis Against Pseudomonas aeruginosa Biofilm associated infections	SERB, New Delhi	41,40,000.00	Sep-2015/ 3 Years
22.	Dr. Vijaya Bhaduarua	Special Manpower Development Programme - Clip to System Design (S M D P -C2SD)	MCIT/Deity, New Delhi	99,72,000.00	Nov-2015/ 5 Years
23.	Dr. Asheesh Singh	Implementation of Fast Charging/Discharging PHEVs Integrated with Mordern UPS for Peak Demand Reduction in Distribution System	CSIR, New Delhi	23,05,200.00	Nov-2015/ 3 Years
24.	Dr. Murari Venkataramanujam	The Effect of Micro Level Progressive Matrix Plasticity on the Macro Level Response of Unidirectional Composites:	SERB, New Delhi	24,86,000.00	Jan-2016/ 3 Years

25.	Dr. Rajesh Gupta	Micromechanics Based Study Hybrid DC Micro Grid System for Future Residential-Rural Electrification	MNRE, New Delhi	26,98,500.00	Jun-2016/ 2 Years
26.	Dr. Neeraj Tyagi	Visvesvaraya PhD Scheme for Electronics & IT	MCIT/Deity, New Delhi	2,37,34,000.00	Dec-2014/ 5 Years
27.	Dr. Ram Pratap Yadav	National Post-Doctoral Fellowship Scheme (Surface Study of ZnO and In ₂ O ₃ Thin Films by Fractal Approach and Its Applications)	SERB, New Delhi	16,20,000.00	Sep-16/ 3 Years
28.	Dr. Hemant Kumar Pandey	Identification of Groundwater prospect and recharge zones in Districts Banda and Mahoba of Bundelkhand region of Uttar Pradesh	DST, New Delhi	18,08,000.00	Sep-16/ 2 Years
29.	Dr. Rohit Ranjan Sahi	Inspire Faculty Award (Studies on Nanoparticles Decoration in Super Critical Fluid To Improve The Hydrogen Sorption Cyclability of Most Promising Storage Materials i.e. Manesium)	DST, New Delhi	19,00,000.00	Jan-14/ 5 Years
30.	Dr. Arun Kumar Singh	Inspire Faculty Award (Electronic and Optical properties of Organic Semiconductors on 2D Nanomaterials (Graphene, MoS ₂ , WS ₂))	DST, New Delhi	19,00,000.00	Jan-14/ 5 Years
31.	Dr. R. P. Tiwrai	Modeling, Simulation and Development of Smart Active Ankle Foot Orthotic Device for Gait Rehabilitation	DST, New Delhi	17,83,000.00	Sep-2016/ 3 Years
32.	Dr. Manoj Kumar	Numerical Algorithms based on Neural Network for the solution of boundary value problems	NBHM, Mumbai	13,64,600.00	Oct-2016/ 3 Years
33.	Dr. Pramod Kumar Yadav	Hydrodynamics modeling of Complex porous membranes and their applications in engineering sciences	SERB, New Delhi	8,08,500.00	Nov-16/ 3 Years
34.	Dr. Arun Prakash	Wireless Sensor Network (WNS) Routing for Industrial Application : Algorithm Design and Hardware	CST, Lucknow	6,80,000.00	Dec-16/ 2 Years
35.	Dr. Basant Kumar	Design of Neural Network based Pacemaker	DBT, New Delhi	14,93,000.00	Dec-16/ 3 Years
36.	Dr. Ramji Dwivedi	Landslide inventory Preparation using Multi-temporal SAR Interferometry (InSAR)	DST, New Delhi	20,44,100.00	Mar-17/ 2 Years
37.	Dr. Naresh Kumar	Development of Ferrite- Semiconductor Composites Hollow Nanospheres Based Sensors for Enhanced Bio and Gas Sensing Performances	CSIR, New Delhi	20,00,200.00	Dec-16/ 3 Years
38.	Dr. Ambak Kr. Rai	Study to establish infection of L.	DBT,	10,14,750.00	Mar-17 /

		donovani through intradermal route in hamsters and its pathological validation	New Delhi		2 Years
39.	Dr. Manisha Sachan	Identification of Novel Epigenetic Biomarkers Next Generation Sequencing Technologies towards Developing a Multiplex Methylight Assay for early diagnosis of Epithelial ovarian cancer	ICMR, New Delhi	14,24,250.00	Mar-17/ 3 Year
40.	Dr. Hari Pratap Bhasker	National Post-Doctoral Fellowship Scheme	SERB, New Delhi	19,20,000.00	Apr-2017/ 2 years
41.	Dr. K. N. Pandey	Life Prediction of Turbine Blades Under Coated and Uncoated Conditions (GTMAP)	AR & DB, New Delhi	24,33,000.00	Apr-2017/ 2 years
42.	Dr. Sameer Srivastava	Biosynthesis of Isoprene, and industrially important hydrocarbon, using e.coli as Model Organism	DBT, New Delhi	46,98,200.00	Jun-2017/ 3 years
43.	Dr. Manoj Kumar	Numerical Studies of effects on human-heart due to growing blockage in coronary artery	DBT, New Delhi	21,73,200.00	July-17/ 3 Years
44.	Dr. Yogendra Kumar Prajapati	Role of Graphene and MoS2 on Performance of Surface Plasmon Resonance Based Sensors: An Application to Bio Sensing	DAE, BRNS Mumbai	20,21,900.00	Aug-2017/ 3 years
45.	Dr. Manoj Kumar Gupta	Green Composite Prepared by Waste Sugarcane Bagasse and Poly Lactic Acid (PLA) for Packaging Application	CST U.P.	10,44,000.00	Aug-2017/ 3 years
46.	Dr. Ramji Dwivedi	Multi-Temporal Interferometric Sar (MT-InSAR) Studies for near real-time landslide monitoring	ISRO, Bangalore	45,43,000.00	Aug-2017/ 3 years
47.	Dr. Ram Prakash Tiwari	Dam Rehabilitation and Improvement Project of Central Water Commission (CWC)	Central Water Commission New Delhi	4,61,00,000.00	Dec-2017/ 4 Years
48.	Dr. V. Bhadauria	DST-DST-Fund for Improvement in S&T Infrastructure (FIST 2016).	DST, New Delhi	1,15,00,000.00	Oct-2017/ 5 Years
49.	Dr. Sushil Kumar	Bioremediation for removal of reactive dyes from industrial waste water	UPCST	10,44,000.00	Nov-2017/ 3 Years
50.	Dr. B. Vasu	Mathematical Simulations of Nanoarticles as Drug Carrier on Blood Flow through a Stenotic Artery	SERB, New Delhi	22,80,520.00	Jun-2017/ 3 years
51.	Dr. V. S. Tripathi	Design and development of a patch antenna based non-invasive blood sugar monitoring system	CST U.P.	8,94,000.00	Feb-2018/ 3 Years
52.	Head Biotechnology	FIST Program DST	DST, New Delhi	83,00,000.00	Dec-2017/ 5 Years

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53.	Dr. Ravindra Tripathi,	Strategies for Development of Handicraft Sector in India An Empirical Study of Handicrafts Sector in Uttar Pradesh	ICSSR, New Delhi	3,15,000.00	Feb-2018/ 1 Years
54.	Dr. Akshoy Ranjan Paul	Prototype Development of a Novel Dry Powder Inhaler (DPI) for Pulmonary Drug Delivery	CST U.P.	11,94,000.00	Feb-2018/ 3 Years
55.	Dr. Radha Rani Mewaram	Development of Microbial Fuel Cell (MFC) based process for domestic wastewater treatment and power generation:Application in improving treatment sustainability	SERB, New Delhi	39,26,000.00	Mar-2018/ 3Years
56.	Dr. Vishnu Agarwal	Study of water and terrestrial biofilms using foldscope as a tool to address community health and sanitation issues	Biotechnology (BCIL)	8,00,000.00	Mar-2018/ 1Years
57.	Dr. Audhesh Narayan	Development and Performance Study of Milling Electro-Chemical Spark Micromachining Progress.	UPCST	7,80,000.00	Mar-2018/ 2Years
58.	Dr.M. K. Singh-PI, Dr. Seema Nara & Dr. M.Sachan Co-PI	DBT-TANUVAS Canine Research Centre and Networks	DBT, New Delhi	13,65,000.00	Mar-2018/ 3 Years
Total				20,40,52,000.00	

DETAILS OF NEW SANCTIONED RESEARCH PROJECT DURING THE FINANCIAL YEAR 2017-18

Sl. No	Principal Investigator /Co-investigator	Project Title	Funding Agency	Sanctioned Amount (₹)	Duration month and Years
1.	Mr. Hari Pratap Bhaskar under Dr. S. N. Pandey	National Post-Doctoral Fellowship Scheme	SERB, New Delhi	19,20,000.00	Apr-2017/ 2 years
2.	Dr. K. N. Pandey	Life Prediction of Turbine Blades Under Coated and Uncoated Conditions (GTMAP)	AR & DB, New Delhi	24,33,000.00	Apr-2017/ 2 years
3.	Dr. Sameer Srivastava	Biosynthesis of Isoprene, and industrially important hydrocarbon, using e.coli as Model Organism	DBT, New Delhi	46,98,200.00	Jun-2017/ 3 years
4.	Dr. Manoj Kumar	Numerical Studies of effects on human-heart due to growing blockage in coronary artery	DBT, New Delhi	21,73,200.00	Jul-2017/ 3 Years
5.	Dr. Yogendra Kumar Prajapati	Role of Graphene and MoS2 on Performance of Surface Plasmon Resonance Based Sensors: An Application to Bio Sensing	DAE, BRNS Mumbai	20,21,900.00	Aug-2017/ 3 years
6.	Dr. Manoj Kumar Gupta	Green Composite Prepared by Waste Sugarcane bagasse and Poly Lactic Acid (PLA) for Packaging Application	CST U.P.	10,44,000.00	Aug-2017/ 3 years
7.	Dr. Ram Ji Dwivedi	Multi-Temporal Interferometric SAR (MT-InSAR) Studies for near real-time landslide monitoring	ISRO, Bangalore	45,43,000.00	Aug-2017/ 3 years
8.	Dr. Ram Prakash Tiwari	Dam Rehabilitation and Improvement Project of Central Water Commission (CWC)	Central Water Commission New Delhi	4,61,00,000.00	Dec-2017/ 4 Years
9.	Dr. Y. K. Prajapati	DST- Under FIST Program	DST, New Delhi	1,15,00,000.00	Oct-2017/ 5 Years
10.	Dr. Sushil Kumar	Bioremediation for removal of reactive dyes from industrial waste water	CSIR, New Delhi	10,44,000.00	Nov-2017/ 3 Years
11.	Dr. B. Vasu	Mathematical Simulations of Nanoparticles as Drug Carrier on Blood Flow through a Stenotic Artery	SERB, New Delhi	22,80,520.00	Jun-2017/ 3 years
12.	Dr. Ajay Bharti	Improvement of Mechanical Properties due to Friction Stir Processing (FSP) and Addition of Hard Phase Particle	Shashi Associates Pune	1,00,000.00	Nov-2017/ 1 Years
13.	Dr. V. S. Tripathi	Design and development of a patch antenna based non-invasive blood sugar monitoring system	CST U.P.	8,94,000.00	Feb-2018/ 3 Years
14.	Shivesh Sharma	FIST Program DST	DBT, New Delhi	83,00,000.00	Dec-2017/ 5 Years
15.	Dr. Ravindra Tripathi	Strategies for Development of Handicraft Sector in India An Empirical Study of Handicrafts Sector in Uttar Pradesh	ICSSR, New Delhi	3,15,000.00	Feb-2018/ 1 Years
16.	Dr. Akshoy Ranjan Paul	Prototype Development of a Novel Dry Powder Inhaler (DPI) for Pulmonary Drug Delivery	CST U.P.	11,94,000.00	Feb-2018/ 3 Years

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17.	Dr. Radha Rani Mewaram	Development of Microbial Fuel Cell (MFC) based process for domestic wastewater treatment and power generation :Application in improving treatment sustainability	SERB, New Delhi	39,26,000.00	Mar-2018/ 3 Years
18.	Dr. Vishnu Agarwal	Study of water and terrestrial biofilms using fold scope as a tool to address community health and sanitation issues	Biotechnology (BCIL)	8,00,000.00	Mar-2018/ 1 Years
19.	Dr. Audhesh Narayan	Development and Performance Study of Milling Electro-Chemical Spark Micromachining Progress.	UPCST	7,80,000.00	Mar-2018/ 2 Years
20.	Dr. Seema Nara	DBT-TANUVAS Canine Research Centre and Networks	DBT, New Delhi	13,65,000.00	Mar-2018/ 3 Years
Total				9,74,31,820.00	

SPONSORED RESEARCH PROJECTS COMPLETED DURING 2017-18

Sl. No	Principal Investigator/ Co-ordinator	Title of Project	Sponsoring Agency	Month Year of Project. Sanct. and Duration
1.	Dr. Tanuj Nandan, SMS	Antecedents and Consequences of Investment Behavior amongst Urban Poor: A Study of Uttar Pradesh	ICSSR, New Delhi	Nov-2014/ 3 Years
2.	Dr. Rohit Kumar Mishra, CMDR	Delineating the role nano-herbal composites in ergosterol biosynthesis inhibition in dermatophytes	SERB, New Delhi	Oct-2014/ 3 Years
3.	Dr. Yogendra Kumar Prajapati	Design and study of the sensitivity of optical biosensors having metamaterials	SERB, New Delhi	Jun-2014/ 3 Years
4.	Dr. Raj Mohan Singh, CED	Groundwater System Modeling Under climatic Changes and Uncertainty	SERB, New Delhi	Sep-2014/ 3 Years
5.	Dr. Tripti Singh, SMS	HR Competence Mapping amongst women self-helps in Uttar Pradesh	ICSSR, New Delhi	Jul-13/ 1 Year 6 Months
6.	Dr. Anjana Pandey, BT.	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT, New Delhi	Mar-2014/ 3 Years 9 Months (after extension of 9 months)
7.	Dr. Manoj Kumar, Mathes.	Numerical Simulation of Elliptic Interface Problems Arising in Steady State Heat Conduction in Composite Systems.	CSIR, New Delhi	Oct-2014/ 3 Years
8.	Dr. Sangeeta Negi, BT.	Process Development for the Enzymatic Conversion of Grease into Long Chain Fatty Acid	DBT, New Delhi	July-2015/ 3 Years 6 Months
9.	Dr. Seema Nara BT	Rapid assay for simultaneous detection of toxins of Staphylococcus aureus and Clostridium Botulinum in Dairy products	SERB, New Delhi	May-2015/ 3 Years
10.	Dr. Ambak Kumar Rai	Study of arachidonic acid pathway in human visceral leishmaniasis :therapeutic efficacy of -a linoleic acid as a dietary supplement with sodium antimony	SERB, New Delhi	May-2014/ 3 Years
11.	Dr. A. K. Dubey, MED	Study of Laser Trepan Drilling of Advanced Engineering Materials	AR & DB, New Delhi	Dec-2014/ 3 Years
12.	Dr. Nekram Rawal/ Rashi Gupta, CED	Application of Iron Oxide Nanoparticles for Heavy Metal Removal from River Ganga	DST, New Delhi	Sep-2015/ 1 Year
13.	Dr. Rajesh Kumar Shastri, HSS	A Study on Role of NGOs in Capacity Building & Social Mobilization of rural People: Comparative Study Between Uttar Pradesh and Madhya Pradesh	ICSSR, New Delhi	Dec-2015/ 1 Year
14.	Dr. V. Basu, Mathematics	Research Award	UGC, New Delhi	Mar-2015/ 3 Year (after 1 year extension)
15.	Dr. Pitam Singh Mathematics	Sum of Fractional Multi-objective Programming Problems.	SERB, New Delhi	Mar-2016/ 2 Years
16.	Dr. Sunil Singh	DST Inspire Faculty award title "To Develop Graphene based biosensor for the detection of cardiovascular diseases."	DST, New Delhi	Feb-2013/ 5 year (Project transferred)
17.	Dr. Deepak Kumar,	SERB Overseas Postdoctoral Fellowship 2015-16	SERB, New Delhi	Mar-2017/ 1 Year
18.	Dr. A. R. Paul, AMD.	Flow Control in Complex Ducts using Synthetic Jets	SERB, New Delhi	Dec-2013/ 3 Year 6 months

TESTING AND CONSULTANCY

SL. No.	Name of PI	Name of Funding Agency	Project Title	Amount (INR)
1.	Dr. Ramesh Pandey	Ankur Rai, Manager (civil) RITES Ltd. Project Office Allahabad Sangam Palace 5th Floor, Alld.	Tensile, Bend and Rebend Test	1,10,400/-
2.	Dr. Ramesh Pandey	Ankur Rai, Managar (civil) RITES Ltd. Project office Allahabad Sona vihar Colony Dayanad Marg, Alld.	Tensile, Bend and Rebend Test	46,000/-
3.	Dr. Ramesh Pandey	Ankur Rai, Manager (civil) Project office, Allahabad Sangam Palace 5th Floor Allahabad 211001	Tensile, Bend and Rebend Test	1,01,200/-
4.	Dr. Ramesh Pandey	Ankur Rai Manager(civil) RITES Ltd, office, Allahabad, Sangam Palace 5th Floor Allahabad	Tensile, Bend and Rebend Test	46,000/-
5.	Dr. L. K. Mishra	M/S SKC Infratech Pvt Ltd. Client of UPRNN,30 Court, High court project Allahabad	Testing of cube M25 Grade	5,750/-
6.	Dr. Y. K. Gupta	Mr Ashutosh Mathur Gr. Infraproject Ltd. First Floor, Plat no. 11 Lsc Sector B-1, Vasant kunj New Delhi 110070	Design and drawing of ROB at Km 39 + 100 which includes two nos. of Foundation & substructure	1,15,000/-
7.	Dr. L. K. Mishra	Executive Engineer Belan Nehar Prakhand Allahabad	Testing of material	44,850/-
8.	Dr. L. K. Mishra	Mr Rajiv Shukla Project Manager omaxe Ltd. Ananda Allahabad	Mix Design of PPC of M30 grade concrete with admixture	74,750/-
9.	Dr. Rakesh Kumar	Executive Engineer U.P.SC.& I.D.C. Ltd 106, Aruna Nagar, Etah- U.P.	3 rd party Inspection for Quality control study material testing	3,34,650/-
10.	Prof. A. K. Sachan	Project Manager, C&DS Unit-15 Banda.	Vetting of structural Design of Director	3,45,000/-
11.	Prof. A. K. Sachan	M/S Arun kumar soni Sagar.	Structural Design of 250 KI15 M staging	12,000/-
12.	Dr. Rama Shakar	The Executive Engineer Construction Division-2 PWD Mirzapur, 2149/1C	W.M.M. Mix Design	19,550/-
13.	Dr. Rama Shakar	The Executive Engineer Construction Division-1 PWD Allahabad, 1350/1C	View Analysis of Aggregate	5,750/-
14.	Dr. Rama Shakar	Manager (civil) RITES LTD. 63-D/1 Sona vihar colony Dayanand Marg Allahabad	Steel bar Test	73,600/-
15.	Dr. V. P. Singh	Project Director GIC- SILJV, Bannerghatta Road, Banglore-560029	Soil Testing	11,500/-
16.	Dr. V. P. Singh	Project Director GIC- SILJV, Bannerghatta Road, Banglore-560029	Rock strength & Rock classification	50,600/-
17.	Dr.V. P Singh	A.GM (FOA) Meja Thermal Power Plant Allahabad	Soil Testing	16,675/-
18.	Dr. L. K. Mishra	Mr. V.K Sharma DY.G.M. (Engg) CISF Works. CISF Campus, Kalindipuram Allahabad.	M 25 grade mix Design	34,500/-

19.	Dr. Rakesh Kumar	Projeet Manager U.P. Rajkiya Nirman Nigam If a Saifai unit-2 Saifai, Etawah	3 rd Party Inspection	80,500/-
20.	Dr. Ramesh Pandey	M/S. R. K. Gupta, Ismailganj Phulpur Allahabad 212402	Testing & Bend Test	8,625/-
21.	Dr. Rakesh Kumar	The Unit Incharge, U. P. Rajkiya Nirman Nigam Ltd. Sodic unit-2 C.A.E.C Etawah.	3 rd Party Quality Inspection	92,000/-
22.	Prof. A.K. Sachan	M/S Omprakash Singh Janaura Faizabad.	Structural Design of 400 KL 20 M staging	18,000/-
23.	Dr. D.Basu	AGM (FQA) Meja Thermal power Plant Allahabad, U.P	Testing of construction	6,900/-
24.	Dr. D. Basu	AGM (FQA) Meja Thermal power Plant Allahabad, U.P	Testing of construction	6,900/-
25.	Dr. Rakes Kumar	M/S Vasu Engiteen solution & put Ltd .U/69-A Vineet Khand, Gomti Nagar Lucknow 226010	Third Party Quality Inspretion	80,500/-
26.	Dr. L. K. Mishra	M/S SKC Infratech Pvt. Ltd. Client of UPRNN,30 Court, High court project Allahabad	Mix Design M25 with admixture	34,500/-
27.	Prof R. C. Vaishya P.I	A. K. Vidyarthi Additional Director & I/C WQM-II Central pollution Control Board Ministry of Environment, Forest C Climate Change, Govt. of India Parivesh Bhawan East Arjun Nagar Delhi-110032	Inspection of GPI compliance verification of Effluent Discharge Standards	35,70,000/-
28.	Dr. Rakesh Kumar	Project Manager U. P. Rajkiya Nirman Nigam Ltd, Saifai Unit Behind the running stadium, Etawah	Testing and Third party Inspection	1,44,900/-
29.	Prof R. P. Tewari	The Project Manager UPRNN Kaushambi Unit, Allahabad	3 rd Party Inspection of 100 beded Maternity wing	2,81,365/-
30.	Dr. Vijay Kumar	The Engineer, NIEL, Allahabad	Checking & Vetting of Geotechnical reports	23,000/-
31.	Dr. Rakesh Kumar	Unit Incharge UPRNN Ltd Saifai unit Behind the running stadium Etawah.	Consultancy with NDT Tests	4,91,050/-
32.	Dr. L. K. Mishra	Mr. Madan Kumar AGE project MES Bamrauli Allahabad.	Testing mix Design	3,49,025/-
33.	Prof R. P. Singh	Airport Authority of India civil Aviation Training college Bamrauli Allahabad.	Testing of wastewater sample discharge Bio digester Allahabad	11,788/-
34.	Prof R. P. Singh	MES Assistant Garrison Engineer (project) Bamrauli Allahabad.	Testing of water (Borewell) sample	6,900/-
35.	Dr. L. K. Mishra	M/S NCC Limited, Mousam Vihar Project IIIT Road Allahabad	Mix Design, M-25 & M-30	74,750/-
36.	Dr. L. K. Mishra	M/S Vinayak kripa Realtors pvt Ltd. 265/316 old katra Allahabad.	Testing of cubes (Vinayak S. S. Apartment)	5,750/-
37.	Dr. L. K. Mishra	M/s Maa Lalita entertainment & Development Pvt. Ltd. 265/360 old katra Allahabad.	Testing of cubes	5,750/-
38.	Dr. L. K. Mishra	M/s Maa Lalita entertainment & Development Pvt. Ltd. 265/360 old katra Allahabad.	Testing of cubes (Vinayak Lata Kunj)	5,750/-

39.	डा० गौतम घोष	निर्माण इकाई-16 प्रोजेक्ट कार्पोरेशन लिमिटेड, टेस्टिंग आफ क्यूब & सीमेंट मिर्जापुर	एग्रीगेट रेसियो	21,275/-
40.	Dr. Rama Shankar	MES. Bamrauli Allahabad.	Job Mix WMM.	23,000/-
41.	Dr. Rakesh Kumar	Milk Technology campus-Motighil Etawah	3 rd Party Inspection for Quality	80,500/-
42.	Dr. L. K. Mishra	Asst. Project Manager Fatehpur/DFLCIC-Allid.(W)	Cement Testing	11,500/-
43.	Prof. A. K. Sachan	M/S Satish Chandra Sachan Kanpur	Design of 175 KI1B M	14,000/-
44.	Prof. S. K. Duggal	Sr. Div. Engg/II NCR Allahabad	Consultancy	80,500/-
45.	Dr. V. S. Singh	Project Manager, DFCCIL Allahabad	Soil Testing	21,275/-
46.	Dr. V. S. Singh	Executive Engineer Nirman Khand-01. P.W.D. Allahabad.	Pile Load Test	1,26,500/-
47.	Dr. L. K. Mishra	M/S SKC Infratech Pvt. Ltd. Building No. 18, 2 nd floor-44 Gurgaon	Mix Design, M-20 M-25 and Testing	97,175/-
48.	Dr. D. Basu	Dy. Manager (FOA) MTTP, Kodharghat Allahabad. U.P	Testing of water sample for cw system.	6,900/-
49.	Dr. A. K. Singh	Executive Engineer, Temporary (PMGSY) Chitrakoot	Field visit, survey, testing & Design Road	57,500/-
50.	Dr. R. P. Singh	Office of the project manager construction unit U.P. Jal Nigam Gorakhpur.	Water Quality Testing	21,563/-
51.	Dr. D. Basu	Office of the project manager construction unit U.P.Jal Nigam Karvi, Chitrakoot	Sewage Water Testing of oxidation pond.	10,350/-
52.	Dr. C. K. Mishra	Office of C.P.M. Allahabad, 211001	Mix design of M35	46,000/-
53.	Dr. D. Basu	Dy Manager (FOA) MTPP.kodharghat, Allahabad, U.P.	Testing of water sample for switch yard package	6,900/-
54.	Dr. Ramesh Pandey	Asst project manager, Fatehpur DFFCCICL-ALDCW,	25 mm Tensile, Bend & Rebend Test,	46,000/-
55.	Prof. A. K. Sachan	M/S Viddut Kumar Jain Lucknow	Structural Design of 125, KI OHT	11,000/-
56.	Dr. H. K. Pandey	GET&D India Limited	Design Consultancy	1,52,250/-
57.	डा० तमाल घोष	अधिकाशी अभियंता, लधु डाल नहर खंड, इलाहाबाद,	सीमेंट मोटार का परीक्षण (सीमेंट सैंड का परीक्षण)	11,500/-
58.	Dr. V. P. Singh	M T P P Kodharghat-Allahabad	Testing of soil	50,660/-
59.	Dr. Rakesh Kumar	Executive Engineer B-3 Ekata Nagar Aligarh.	3 rd party Inspection Quality control	1,86,875/-
60.	Dr. Rakesh Kumar	Unit Incharge Pili Kothi, Ashok Nagar Kasganj	3 rd party Inspection Quality control	97,750/-
61.	Dr. Rakesh Kumar	Unit Incharge Pili Kothi, Ashok Nagar Kasganj	Testing	11,500/-
62.	Dr. L. K. Mishra	Project manager NCC limited, Yamuna vihar housing scheme ADA Colony, Avantika Yojana near Allahabad	Mix design of M25 grade	1,49,500/-
63.	Dr. Rakesh Pandey	Ankur Rai, manager (civil) Rites Ltd. Project office Allahabad sangam palace, 5Floor Allahabad-211001.	Tensile, Bend, Rebend Test	1,01,200/-
64.	Dr. D. Basu	Ankur Rai, manager (civil) Rites Ltd. Project office Allahabad sangam palace, 5Floor Allahabad-211001.	Testing of water Quality	8,912/-
65.	Dr. Rakesh Kumar	Project manager U.P.P.C.C unit -26,	Third party Inspection	2,38,625/-

66.	Prof. R. P. Tiwari	Saharanpur Er. S.K. Mishra, IPMC company, 17-18, Auri more, Bina Road, Anapara, Sonebhadra U.P.	Quality control Checking and Vetting Design of Foundation of Bridges	3,45,000/-
67.	Dr. Ramesh Pandey	Ankur Rai, manager (civil) Rites Ltd. Project office Allahabad sangam palace, 5Floor Allahabad-211001.	Tensile bend & Rebend.	64,400/-
68.	Dr. D. Basu	DG M/C, RITES Ltd. Sangam palace Meja Urja Nigam, Pvt. Ltd. 5th Floor civil Lines. Allahabad. (U.P.) 211001	Testing of water quality RCC work	8,913/-
69.	डा० तोमल घोष	अधिकाशी अभियंता, प्रांतीय खंड, लोक निर्माण विभाग इलाहाबाद,	मोटर का परीक्षण	13,800/-
70.	Dr. V. P. Singh	Mr. Sunil Mishra, 993 Infrastructure 256, Gandhi Gram Rama Devi Kanpur	Borehole & SPT Test	52,900/-
71.	Dr. V. P. Singh	Manager (Civil) RITES Ltd 5th Floor, Sangam Place, Civil Lines Allahabad	Soil Testing	13,800/-
72.	Dr. V. P. Singh	Mr. M.K. Gandhi, Meja TPP Allahabad.	Soil Testing	24,150/-
73.	Dr. D. Basu	Manager (Civil) RITES Ltd 5th Floor, Sangam Place, Civil Lines Allahabad-211001	Testing of water quality	7,080/-
74.	Dr. Varun Singh	Shri Raja Ram Villge Tariyari, Post Office- Jaigopalganj Distt. Jaunpur, UP.	Distance measurement between benchmarks and location using digital instrumentation	5,900/-
75.	Dr. Rakesh kumar	M/s Vasu Engitech Solution Pvt Ltd. 4/69-A, Vineet Khand, Gomti Nagar Lucknow	Quality Inspection of building	34,500/-
76.	Dr. Vivek Kumar Patel	A. K Associate, 669,90E/3, Baghambari Gaddi, Allapur Allahabad	PVC Pipe Pressure Testing	9,912/-
77.	Dr. Ramesh Pandey	Sri. A. P. Mishra CPM. Office, Allahabad. 5 th floor Sangam Place Civil Lines, Allahabad.	Tensile, Bend and Rebend Test	37,760/-
78.	Dr. L. K. Mishra	M/s SKC Infratech Pvt. Ltd., Client of UPRNN, 30 court Room, High Court Alld.	Testing of cubes M-25	5,900/-
79.	Dr. L. K. Mishra	UPRNN. 30 Court Room, High Court Allahabad	Testing of cubes M-25	5,900/-
80.	Dr. Ramesh Pandey	N. K. Mishra. PM./ DFCCIL/ALD (East)	Tensile, Bend and Rebend Test	1,13,280/-
81.	Dr. Rama Shankar	Allahabad Development Authority Allahabad	Testing	35,400/-
82.	Dr. L. K. Mishra	Mr. R.K. Gupta, Ismailganj Phulpur, Allahabad. 212402	Testing of cubes M-25	5,900/-
83.	Prof. R. P. Singh	Er. R. S. Singh Project Manager Office of the Project Manager Construction Unit U.P Jal Nigam Gorakhpur	Testing water Quality	12,095/-
84.	Dr. L. K. Mishra	SCO-87-881 st floor Swastika Vihar Haryana	Testing	18,880/-
85.	Dr. V. P. Singh	Mr. H. L. Yadav, Senior Project Manager R. Cube Infrastructure Pvt. Ltd., Allahabad-Unit, Alld.	Pile Load Testing	1,49,270/-

86.	Dr. V. P. Singh	Mr. H.L. Yadav, Senior Project Manager R. Cube Infrastructure Pvt.-Ltd., Allahabad-Unit, Aild.	Pile Load Testing	1,89,750/-
87.	Dr. L. K. Mishra	Mr. N. K. Mishra Old G. M. Office Building, NC Railway Allahabad	Testing	40,120/-
88.	Prof. A. K. Sachan	M/S Vogue Construction & Consultancy Services pvt. Ltd, New Delhi	Design Consultancy	2,24,200/-
89.	Dr. Tamal Ghosh	Shri Sunil Kumar Giri, TLS Gram Vikash, Allahabad Mandal, Allahabad	Cement & sand Testing	11,800/-
90.	Dr. V. P. Singh	Project Manager, DFCCIL/ Allahabad	Soil Testing	21,830/-
91.	Dr. L. K. Mishra	TLS Gram Vikash, Allahabad Mandal, Allahabad	Testing of soil	6,490/-
92.	Dr. D. Basu	Sr. Manager Engg.(c) Air Forces Authority of India Civil Aviation College, Bamrauli Allahabad.	Testing Cum Consultancy	12,095/-
93.	Dr. L. K. Mishra	Mr. Anurag Manager, (S/S) North Area First. Allahabad NR-1, Aild.	Testing	11,800/-
94.	Dr. L. K. Mishra	Project Manager, 1st Floor Old GM Building, N.C. Railway Allahabad.	Testing	9,440/-
95.	Dr. Ramesh Pandey	Ankur Rai, Manager Civil, RITES Ltd., Project office Aild. Sangam Place 5th floor Allahabad. 211001	Testing	56,640/-
96.	Dr. Vivek Kumar Patel	Mr. A.K. Associate, 669-90E/3 Baghambari Gaddi Allapur, Allahabad	PVC Pipe Pressure Testing	19,824/-
97.	Dr. Rama Sankar	The Project Manager, Bhadohi Unit, U.P. Rajkiya Nirman Nigam Ltd, Bhadohi	Chemical Testing of Mortar	11,800/-
98.	Dr. L. K. Mishra	Dr. Gandhi, AGM (FQM) MTPP; Kodharghat, Allahabad	Testing & Mix Design	51,920/-
99.	Prof. R. P. Tiwari	M/S IPMC, Company, 17-18 Auri more, Bina Road Anapra, Sonebhadra. U.P.	Report of checking & vetting of slope stability Analysis & of Earthen Embankment Report.	4,77,825/-
100.	Dr. L. K. Mishra	Shri J. P. Bhatt, Karyapalak Abhiyanta, Amethi, Pariyojna Mandal KLNN, Trisundi, Amethi	Proof Checking of structure Design	3,54,000/-
101.	Prof. A. K. Sachan	M/s Divya Traders Allahabad	Structural Design of 125 kl oht & 150 kl oht	24,000/-
102.	Prof. A. K. Sachan	M/S Trimurti Infrotech Lucknow	Structural Design of 100 kl OHT	10,000/-
103.	Prof. A. K. Sachan	M/S K. N. Agarwal Kanpur	Structural Design of 100 KI CWR & 200 KI OHT	22,000/-
104.	Dr. L. K. Mishra	Mr. Anurag, Manager (S/S) 6 th floor, Indira Bhawan Allahabad-211001	Testing of Material	18,880/-
105.	Dr. Tamal Ghosh	M/S Mohd Aziz, 483/629/ Attarsuiya, Allahabad	Solid content & PH value	14,160/-
106.	Dr. Rama Shanker	DG M/C, RITES, Ltd CPM, office, Allahabad,	Testing of Aggregate	26,550/-
107.	Dr. Rama Shanker	Executive Engineer, UP Sidaleo, Kaushambi	3 rd Party Inspection	1,18,000/-
108.	Dr. V. P. Singh	Executive Engineer PMGSY, Banda,	Soil testing	1,77,000/-

109.	Dr. Rama Shanker	U.P. DG M/C, RITES, Ltd CPM, office, Allahabad,	Testing of Aggregate	32,450/-
110.	Dr. D. Basu	Manager (civil) RITES Ltd project office- Allahabad, Sangam Palace 5th floor, civil Lines, Allahabad (U.P.)	Testing of Water quality for construction work, sample No-12 Tijga Camp 211001	9,145/-
111.	Dr. Vijay kumar	Dy. Director- NIEL & consultant, Allahabad	Checking & vetting of job mix Formula Report.	29,500/-
112.	Dr. L. K. Mishra	Karyapalak Abhiyanta, Amethi, Pariyojna Mandal KLNN, Trisundi, Amethi	Mix Design of M.30 grade concrete for RCC Works	41,300/-
113.	Dr. L. K. Mishra	Karyapalak Abhiyanta, Amethi, Pariyojna Mandal KLNN, Trisundi, Amethi	Mix Design of M.30 grade concrete for RCC Works	35,400/-
114.	Dr. L. K. Mishra	Karyapalak Abhiyanta, Amethi, Pariyojna Mandal KLNN, Trisundi, Amethi	Mix Design of M.30 grade concrete for RCC Works	35,400/-
115.	Dr. L. K. Mishra	Mr. Anukar Rai Manager (civil) CPM/office, sangam place Allahabad 211001-	Testing of material	9,440/-
116.	Dr. L. K. Mishra	M/S S K C Infratech Pvt. Ltd. Client of UPRNN, 30 Court Room, High court Allahabad	Testing of cubes M-25 grades	5,900/-
117.	Dr. Vijay Kumar	Dy. Director- NIEL & Consultant, Allahabad	Checking & Vetting of Geotechnical Report	11,800/-
118.	Dr. Vijay Kumar	The Engineer NIBL, Allahabad	Checking & vetting of job mix Formula Report	1,18,000/-
119.	Dr. L. K. Mishra	Mr. R. N. Malik, Sr. Manager, Civil, NTPC Ltd Unchahar Raebareli	Cement Testing	11,800/-
120.	Dr. Rama Shankar	Assistant Director (Engg.), Kamla Nehru Memorial Hospital, Allahabad	Structural Health Assessment of Building	6,49,000/-
121.	Dr. Rama Shankar	Addl. General Manager, Fuel Management NTPC, Unchahar, Raibareli	Testing of Aggregate	12,980/-
122.	Dr. L. K. Mishra	Mr. D. K. Rai, Manager (Civil), Allahabad Power Grid Corporation	Testing of Cement	9,440/-
123.	Dr. L. K. Mishra	Assistant Engineer, Allahabad Central Sub-divisional CPWD, Allahabad	Testing of Brick Sample	6,490/-
124.	Dr. L. K. Mishra	Mr. A. P. Mishra, Manager (civil), RITES Ltd. 5 th Floor Sangam Palace, Civil Lines Allahabad	Testing of Materials	68,440/-
125.	Dr. L. K. Mishra	M/s S K C Infratech. Pvt. Ltd., Client of UPRNN 30 Court Room High Court Allahabad	Compressive Strength of M-25 cubes	5,900/-
126.	Prof. A. K. Sachan	M/s M. K. Singh, 90-C New Lashkar Line, Bairahana Alld.	Vetting of RUB Design	30,000/-
127.	Prof. A. K. Sachan	M/s A.K. Associate, Allahabad	Testing of 200 ml OHT	14,000/-
128.	Dr. Rakesh Kumar	Executive Engineer Construction Northern railways Allahabad	Proof checking of Station Building Structure at Prayag Ghat Railway Station	3,54,000/-

129.	Dr. V. P. Singh	Executive Engineer, PIV, PMGSY-II PWD Chitrakoot	GSA, LL, PL, BPL Soil Classification	1,18,000/-
130.	Dr. V. P. Singh	Mr. H. L. Yadav, Senior Project Manager, R. Cube Infrastructure Pvt. Ltd., Allahabad unit, Allahabad	Pile Load Testing	1,22,250/-
131.	Dr. H. K. Pandey	M/s Hindalco Industries Ltd. Renukoot works, Renukoot, Sonbhadra (U.P.)	Detection of Water Leakage from underground	4,95,600/-
132.	Dr. Rama Shankar	The Capt (Offg.) SBSO for CWE Head Quarter Commander Works Engineers, Allahabad	Preparation of Structural Design	1,18,000/-
133.	Dr. Anindya Bhar	Ankur Rai (Manager Civil), RITES Ltd., Project Office, Allahabad	Tensile, Bend, Rebend Test of TMT Bar	1,22,720/-
134.	Dr. V. P. Singh	Executive Engineer/ Const-1 North Central, Allahabad	Sub Soil Exploration	56,640/-
135.	Dr. L. K. Mishra	Director, Abhiyan Buildcon Pvt. Ltd. Sahyog Bhawan, M.G. Marg, Civil Lines, Allahabad	Testing of Material	21,240/-
136.	Dr. V. P. Singh	Ankur Rai (Manager Civil), RITES Ltd., 5 th , Sangam Palace, Civil Lines, Allahabad	Testing of Soil Sample	32,450/-
137.	Dr. V. P. Singh	Er. Govind Kumar, Project Engineer, Vibhuti Khand, Gomtinagar, Lucknow	Testing of Soil Sample	47,200/-
138.	Dr. L. K. Mishra	Mr. Nitesh Verma, Director, Citizen Infrastructures Pvt. Ltd, Sahyog Bhawan IMG marg, Civil Lines, Allahabad	Determination of Compressive strength of M-25 cubes	30,680/-
139.	Dr. V. P. Singh	M/s Baghel Infrastructures Pvt. Ltd. NTPC, Vindhyachal Vindhya Nagar, Sigraili, M.P.	Testing of flash and Bottomash	70,800/-
140.	Dr. Rakesh Kumar	M/s Vasu Engitech Solutions Pvt. Ltd. 4/69-A, Vineet Khand Gomitinagar, Lucknow	3 rd Party Inspection for Quality Control	35,400/-
141.	Dr. L. K. Mishra	Khand Vikas Adhikari, Sandava Chandikan Pratapgarh	Testing of Brick Samples	11,210/-
142.	Dr. Rakesh Kumar	Executive Engineer, UPSC & IDC Ltd. 106, Aruna Nagar Etawah	3 rd Party Inspection for Quality Control	3,43,380/-
143.	Dr. R. M. Singh	The GE (MES) Air Force, Bamrauli, Allahabad	Feasibility report and design for groundwater recharge	93,999/-
144.	Dr. Rama Shankar	Executive Engineer, Construction Division-4 Kumbhmela, PWD, Allahabad	Job mix design	94,400/-
145.	Dr. Rakesh Kumar	Executive Engineer, UPSC&IDC Ltd. 106, Shakti Bhawan Choubey Wali Gali, Civil Lines, Bareilly U.P.	3 rd Party Inspection	94,400/-
146.	Dr. L. K. Mishra	M/s N. K. Mishra, PM/DFCCIL/ ALD (East), Allahabad	Testing of cement opc -43 grade (Reliance)	11,800/-
147.	Dr. L. K. Mishra	Dy. Project Manager, DFCCIL, (East) Old GM Office Building, Allahabad	Testing of Material	11,800/-
148.	Dr. R. P. Tiwari	Mr. N. K. Mishra, P.M. DFCCIL (East) M/s SECL-HMM	Testing of Bend and Rebend	56,640/-
149.	Dr. P. K. Mehta	M/s Jai Gurudev Enterprises, 815/467-A chak Raghunath, Naini, Allahabad	Design Consultancy (Vetting)	41,300/-

150.	Dr. Ashutosh Updhyay	Mr. S. K. Singh, Dy CPM/ DFCCIL, Building, Allahabad (East)	Tensile, Bend Rebend	56,640/-
151.	Dr. Ramesh Pandey	Mr. N. K. Mishra, P.M. DFCCIL (East) M/s SECL-HMM (JV) SCO, Swastik Vihar Mansa Devi, Complex Punchkula, Haryana	Tensile, Bend Rebend	2,73,760/-
152.	Dr. L. K. Mishra	M/s Assistant Director (Engg) Kamla Nehru Memorial Hospital, Allahabad	Compressive strength of concrete cube	5,900/-
153.	Dr. L. K. Mishra	Dr. D. Dubey, Sr. DGMA (C)/A.P. Rites Ltd., Kushinagar (Airport), Dist. Kushinagar (U.P.)	Mix Design of M-30 Grade concrete with OPCF Mixture	41,300/-
154.	Dr. Y. K. Gupta	G. R. Infraprojects Ltd. C-46, Sector-58, Noida GBN, Uttar Pradesh, India-201301	Proof checking of the Design & Drawing of ROB & Minor Bridge	4,13,000/-
155.	Dr. R. P. Tewari	M/s SMS Ltd. Corporate Office, IT Park 20 STPI, Gaytri Nagar, Parsodi, Nagpur	Tensile Bend and Rebend	1,03,840/-
156.	Dr. L. K. Mishra	Maa Lalita Entertainments Developers Pvt. Ltd. 265/316, Old Katra, Allahabad	Testing of Cubes M-25	5,900/-
157.	Dr. L. K. Mishra	Maa Lalita Entertainments Developers Pvt. Ltd. 265/316, Old Katra, Allahabad	Testing of Cubes M-25	5,900/-
158.	Prof. R. C. Vaishya	A. K. Vidyarthi Additional Director & I/C WQM-II Central pollution Control Board, New Delhi-110032	Inspection of GPI compliance verification of Effluent Discharge Standards	35,70,000/-
159.	Dr. Divya Kumar	Mr. Sayyed Maqbool Ali, CEO, National Computer Block A/2 Second Floor Netaji Subhash complex, Jarhabhata, Bilaspur (C.G.)	Consultancy of Election Management for Political Parties	1,24,490/-
160.	Dr. Rakesh kumar	M/s Vasu Engitech Solution Pvt Ltd. 4/69-A, Vineet Khand, Gomti Nagar Lucknow	3 rd party Inspection for Quality Control	34,500/-
161.	Dr. Abhishek Kumar	Sri. A. K. Srivastava, Asst. Vigilance Officer for General Manager (Vig.) Core/Allahabad	8 mm MS Bar Tensile Bend & Rebend Test	28,320/-
162.	Prof. R. P. Tiwari	M/s IMPC Co.17-18 Auri More, Bina Road, Anpara Sonebhadra, UP	3 rd Party Inspection/ Material Test & Report Preparation	1,65,200/-
163.	Dr. L. K. Mishra	Mr. Nem Singh, M/s EMS Infocon Pvt. Ltd. House No. 29, Ambedkar Vihar Chauphatka Allahabad-211001	Testing of Material	41,890/-
164.	Dr. L. K. Mishra	Pariyojna Prabandhak U.P. Project Corporation Limited, Nirman Ikai 16 Mirjapur	Compressive Strength of Cubes	5,900/-
165.	Er. Vivek Kumar Patel	M/s Satyprakash Singh, 1G/6G, Rajroop Pur, Allahabad	Tensile Bend and Rebend	17,700/-
166.	Dr. V. P. Singh	Mr. Alok Gupta, General Manager (Q&M) NTPC Ltd. Singrauli	Testing of Fly Ash Sample	7,31,600/-
167.	Dr. V. P. Singh	Executive Engineer, UPSRTC Lucknow, UP	Testing	56,050/-
168.	Dr. L. K. Mishra	M/s Ram Kripal Singh, Construction Pvt. Ltd., Gurgaon-1 Rites Bhawan, Sector-	Mix Design of M-35 Grade Concrete with OPC and	47,200/-

	29, Gurgaon-122001 Haryana	admixture	
169. Dr. L. K. Mishra	M/s Ram Kripal Singh, Construction Pvt. Ltd., Gurgaon-1 Rites Bhawan, Sector-29, Gurgaon-122001 Haryana	Mix Design of M-35 Grade Concret with OPC and admixture	47,200/-
170. Dr. L. K. Mishra	Mr. S. K. Chauhan, Executive Engineer/ Con. N.C. Railway, Allahabad	Compressive Strength of Precast of RCC Bench Element	24,780/-
171. Dr. L. K. Mishra	Asst. Divisional Engineer, Civil Lines N. C. Railway, Allahabad	Testing of Material and Mix Design of M-25 Grade Concrete	64,900/-
172. Dr. L. K. Mishra	Mr. V. K. Sharma, DGM (Engineer) NBCC (1) Ltd. CISF work Kalindipuram Allahabad	Compressive strength cubes	5,900/-
173. Dr. Abhishek Kumar	EMS Infracon Pvt., House NO. 2 Ambedkar Vihar, Chauphatka, Allahabad	Steel Tensile Test	11,800/-
174. Dr. Tamal Ghosh	Er. Amar Singh, Adhishasi Abhiyanta, Nirman Khand-1, Lok Nirman Vibhag, Banda	Rational Quantity of Cement and Sand	11,800/-
175. Dr. Rama Shankar	The Sr. Manager (FOA), Meja Thermal Power Plant, Allahabad	Material Testing	15,930/-
176. Prof. S. K. Duggal	Arun Taneja, (Executive Director), KORUS Engineering Solution Pvt Ltd, New Delhi (INDI)- 110034	Vetting of Steel Pedestrian Bridge Design of Haridwar	1,47,500/-
177. Dr. Rakesh Kumar	The Executive Engineer, UPSC& IDC Ltd., Maa Shantiniwash, Infron of Dr. Javed, Arajibag (Brahmsthan) Azamgarh (U.P.)	Quality Inspection of Building	2,53,700/-
178. Dr. Rakesh Kumar	Executive Engineer, UPSS & IDC Ltd. B-3 Ektanagar, Aligarh (UP)	Quality Test of Building	1,91,750/-
179. Dr. Rakesh Kumar	The Project Manager, UP Projects Corporation Ltd., Unit -26 above Punjab and Sindh Bank, Gurudwara Road, Saharanpur (U.P.)	3 rd Party Inspection and Quality Control	59,080/-
180. Dr. V. P. Singh	M/s Ram Kripal Construction Pvt. Ltd., Sector-13, Noida (U.P.)	Testing of Soil	7,100/-
181. Dr. V. P. Singh	SMS Ltd Site Office, Kodharghat Meja, Allahabad	Testing of soil sample	7,080/-
182. Dr. V. P. Singh	Er. A. K. Dwivedi, Executive Engineer, PWD Allahabad	Site Investigation and soil exploration	25,02,780/-
183. Dr. L. K. Mishra	M/s Ashish Construction, Dharsara Ghorawal, Sonebhadra (UP)	Compressive strength of a precast RCC coping stone	24,780/-
184. Dr. L. K. Mishra	M/s Highway construction, Co., 41, BI Bazaar, New Cant, Allahabad	Mix Design of M-35, grade concrete	47,200/-
185. Dr. L. K. Mishra	M/s RK SCP Limited Camp Office, Urwa Meja, Allahabad	Testing of Materials	77,880/-
186. Dr. L. K. Mishra	M/s Galvano India Pvt. Ltd., E-95/97, UPSIDC Surajpur Industrial Area, Dist Gautam Budha Nagar, Greater Noida	Mix Design of M-25, grade concrete	29,500/-

187.	Dr. L. K. Mishra	Sri Samar Upadhyay, Pariyojna Prabandhak, UP Avas Vikas Parishad Global Construction and Consultancy Cell Nirman Ikai-Allahabad, 50/6, Alopi Bag, Allahabad	Testing of Materials	13,570/-
188.	Dr. L. K. Mishra	Sri Samar Upadhyay, Pariyojna Prabandhak, UP Avas Vikas Parishad Global Construction and Consultancy Cell Nirman Ikai-Allahabad, 50/6, Alopi Bag, Allahabad	Testing of Materials	13,570/-
189.	Dr. L. K. Mishra	Sri Samar Upadhyay, Pariyojna Prabandhak, UP Avas Vikas Parishad Global Construction and Consultancy Cell Nirman Ikai-Allahabad, 50/6, Alopi Bag, Allahabad	Testing of Materials	13,570/-
190.	Dr. L. K. Mishra	Sr. Manager, Field Quality Assurance NTPC SSTP Shaktinagar, Sonebhadra	Testing of Materials	71,980/-
191.	Dr. L. K. Mishra	Sri Samar Upadhyay, Pariyojna Prabandhak, UP Avas Vikas Parishad Global Construction and Consultancy Cell Nirman Ikai-Allahabad, 50/6, Alopi Bag, Allahabad	Testing of Materials	13,570/-
192.	Dr. L. K. Mishra	Sri Samar Upadhyay, Pariyojna Prabandhak, UP Avas Vikas Parishad Global Construction and Consultancy Cell Nirman Ikai-Allahabad, 50/6, Alopi Bag, Allahabad	Testing of Materials	13,570/-
193.	Dr. V. P. Singh	M/s Ram Kripal Construction Pvt. Ltd, Sector-13, Noida (U.P.)	Testing of soil sample	21,300/-
194.	Dr. V. P. Singh	M/s Ram Kripal Construction Pvt. Ltd, Sector-13, Noida (U.P.)	Testing of soil sample	14,200/-
195.	Dr. Ajay Bharti	M/s Ram Kripal Construction Pvt. Ltd, Sector-13, Noida (U.P.)	Tensile Bend & Rebend	47,200/-
196.	Dr. A. R. Paul	M/s Ram Kripal Construction Pvt. Ltd, Sector-13, Noida (U.P.)	Tensile Bend & Rebend	28,320/-
197.	Dr. Rama Shankar	The Project Manager, U.P. Project Corporation Ltd,, 230/IA Mehdauri, Teliarganj, Allahabad	Non-destructive Testing of concrete	1,18,000/-
198.	Dr. L. K. Mishra	Mr. Viddut Kumar Jain, Kundam Bhawan Sector-23 Indira Nagar, Lucknow	Mix Design of M-30 Grade concrete	35,400/-
199.	Dr. L. K. Mishra	Mr. Viddut Kumar Jain, Kundam Bhawan Sector-23 Indira Nagar, Lucknow	Testing of Materials	31,860/-
200.	Dr. L. K. Mishra	M/s New Morden, Technomech Pvt. Ltd., 211/A Chakia, Alld.	Compressive strength of cubes M-10 Grade	5,900/-
201.	Dr. V. P. Singh	M/s GDCL, A-129, Lohiya Nagar, Ghaziabad, (U.P.)	Soil Testing	18,880/-
202.	Prof. P. K. Mehta	Executive Engineer, Project, Development Corporation (UPDCC) Uttarakhand Construction	Vetting of structural Design and Drawings of a sewage pipe bridge	5,90,000/-

203.	Dr. V. P. Singh	M/s Dilip Buildcom Ltd. Sector-3 Bahraich (U.P.)	Testing of soil sample	11,800/-
204.	Dr. D. Basu	Ankur Rai, Manager (civil) RITES Ltd. Project office Allahabad Sangam Palace 5th Floor, Allahabad	Testing of Water Quality for construction work	8,850/-
205.	Dr. Anindya Bhar	M/s SMS Infrastructure Ltd., RITES Ltd, Civil Lines, Allahabad	Tensile Bend & Rebend	84,960/-
206.	Dr. L. K. Mishra	Project Manager, Bhadohi Unit, Corporate Expomart Construction Site, Bhadohi	Inspection of Construction Work of Samajwadi Abhinav Vidyalaya, Araj Line, Varanasi	64,900/-
207.	Dr. L. K. Mishra	Project Manager, Bhadohi Unit, Corporate Ex omart Construction Site, Bhadohi	Inspection of Construction Work of Samajwadi Abhinav Vidyalaya, Araj Line, Varanasi	64,900/-
208.	Dr. L. K. Mishra	Indian Oil Corporation Ltd., / M/s R.K. Construction Add. 34/9, Chintamani Road, George Town, Allahabad	Testing of Power Block	6,490/-
209.	Dr. L. K. Mishra	M/s Ram Laxhan Pandey Company, Meja Urja Nigam Ltd.	Testing of Interlocking	6,490/-
210.	Dr. L. K. Mishra	M/s Akrati Engineers 28 B, Sarala Bagh Exten. Dayal Bagh, Agra	Mix Design of M-35 Grade concrete	47,200/-
211.	Prof. A. K. Sachan	M/s S. K. Dwivedi, Govt. Supplier, Building & RCC Over Head Tank & Pipeline Specialist, Regd. Contractor class (A), U.P, Jal Nigam Karvi, Chitrakoot (U.P.)	Design of 75KI OHT 10 M staging	11,000/-
212.	Prof. A. K. Sachan	Ram Naresh, Registered 'A' Class Contractor U.P. Jal Nigam 150 B/6 A. Meera Patti Allahabad	Design of 250 KL OHT 16 m staging	14,000/-
213.	Prof. A. K. Sachan	M/s A. K. Upadhyaya, Govt. Supplier, Building & RCC Over Head Tank & Pipeline Specialist Regd. Contractor class (A), U.P, Jal Nigam Banda (UP)	Design of 60 KI Over Head Tank	11,000/-
214.	Prof. A. K. Sachan	M/s Viddut Kumar Jain, Specialist in RCC work Over Head Tanks Sewerage System. Bridge & Pile Foundation Kundan Bhawan, Sec. 23, Indira Nagar, Lucknow	Design of 800 KI Over Head Tank 18 m staging	30,000/-
215.	Dr. Abhishek Kumar	A. C. Dubey, Executive Engineer, Construction Division, UP Jal Nigam, Allahabad	Tensile Bend & Rebend	47,200/-
216.	Dr. Y. K. Gupta	G.R. Infra Projects Ltd. C-46, Sector - 58, Noida GBN, UP India 201301	Proof Checking of Balance Design & Drawing of Steel Super Structured ROB	1,77,000/-
217.	Dr. P. R. Pal	M/s Sabnam Enterprises 517/2A, Prayag Puram Naini Allahabad	Structural Design of foundation for Bio Gas Flooring System at Rajapur Sewage Treatment Plant	29,500/-
218.	Dr. L. K. Mishra	Executive Engineer, Flood work division, Allahabad	Testing of Materials	6,490/-

Motilal Nehru National Institute of Technology Allahabad [MNNIT Allahabad]

219.	Dr. L. K. Mishra	Engineer in Charge, Mid India Civil Erectors Pvt. Ltd. 102, Arpan Apartment 34, Sohet Nagar, Indore (M.P.)	Mix Design of M-30 Grade concrete	29,500/-
220.	Dr. D. Basu	Manager (civil) RITES Ltd. Project Office Allahabad Sangam Palace, Civil Lines, 5th Floor, Allahabad	Testing of Water Quality for construction work	9,145/-
221.	Dr. D. Basu	DGM (FOA), Meja Thermal Power Plant, Allahabad U.P	Testing of Water Quality for construction work	7,965/-
222.	Dr. D. Basu	M/s JITF Water infrastructure Ltd., Mau, Chitrakoot (U.P.)	Testing of Clear water sample of Mau WSS Project	17,110/-
223.	Dr. D. Basu	Mr. Vipul Patel, Jagadguru Kripalu Parishet (Bhakti Dham) Mangadh Kunda, Pratapgarh	Testing for Portability of borewell water sample	42,775/-
224.	Prof. S. K. Duggal	Er. Ashwani, Divisional Engineer II N.C. Railway, Allahabad	Vetting (Revised due to change in site condition) of RCC Building Allahabad	41,300/-
225.	Dr. L. K. Mishra	Sri Rohit Khanna, Executive Engineer, ADA Allahabad	Compressive strength of C.C. Cubes.	7,080/-
226.	Dr. V. P. Singh	Shri Mahanth Prem Giriji Baba, Maujgiri Mandir, Maujgiri Ghat Yamuna, Bank Road Allahabad	Sub Soil Investigation	70,800/-
227.	Dr. L. K. Mishra	Mr. C. Dinesh Kumar Reddy Chief Executive Officer, Cantonment Board, Allahabad	3 rd Party Technical Evaluator	6,66,566/-
228.	Dr. Rakesh Kumar	The Project Manager UPPCL, Unit-21 Moradabad	3 rd arty Inspection of Govt. Poly Building	2,12,400/-
Total				2,68,68,657.00



Rukhsat



Vigilance Awareness Week



3rd International Day of Yoga



3rd International Day of Yoga



INCAM



Orientation Programme



Alumni Felicitation Function



Independence Day



Swagat



Avishkar



Josh and J. Lal



GIAN Chemistry



Alumni Convention



Antyodaya



Fourteenth Annual Convocation-2017



Fourteenth Annual Convocation-2017



Fourteenth Annual Convocation-2017



Matdata Diwas



Matdata Diwas



Annual Athletic Meet



Annual Athletic Meet



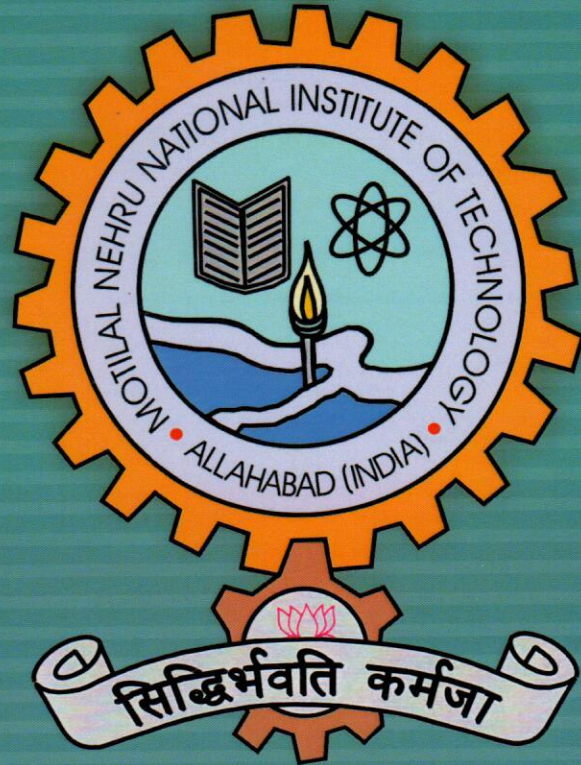
Renaissance



Culrav



Culrav



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
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Prayagraj - 211 004
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