CURRICULUM VITAE

1.	Name in full	:	DR. VINAY KUMAR
2.	Father's Name	:	Mr. Ram Prit Tripathi
3.	Date of Birth	:	01-02-1981
4.	Nationality	:	Indian
5.	Address for Communication:	:	Dr. Vinay Kumar Department of Electronics & Communication Engineering MNNIT Allahabad, Prayagraj, Uttar Pradesh-211 004, India
6.	Email address and Links	:	vinay.k@mnnit.ac.in, vinayrel01@gmail.com
	Google Scholar:		(<u>http://scholar.google.co.in/citations?user=1dAf-</u> DwAAAAJ&hl=en)
	Research Gate:		(https://www.researchgate.net/profile/Vinay_Kumar342)
	ORCID ID		(<u>https://orcid.org/0000-0002-3759-9091</u>)
	Researcherid:		(http://www.researcherid.com/rid/T-8137-2018)
7.	Contact Nos.	:	+91-8830156094 (MOBILE)
8.	Post.	:	Assistant Professor Grade-I
9.	International Collaboration	:	Thailand, Russia, France and Finland

10. Educational qualifications:

Examination Passed	Board/University	Year	Percentage of Marks obtained & Division	Subjects/Specialization
B. Tech. (Electronics and Communication Engg.)	Uttar Pradesh Technical University Lucknow	2006	71.18 with Ist Division	Electronics and Communication Engg.
M. Tech. (Digital System)	Motilal Nehru National Institute of Technology, Allahabad	2010	8.44 CGPA with Ist Division	Communication Engg.
Ph.D. (Electronics & Communication Engg.)	Motilal Nehru National Institute of Technology, Allahabad	2015		Electronics & Communication Engg.

11. Field/Area of Specialization

: Communication Engineering and Networking

12. List of all previous employment:

S.No.	Position held	Pay Scale	Experience				
			From	То	Nature of Work performed in Academic/Industry		
(i)	Assistant Professor-Grade I (Motilal Nehru National Institute of Technology, Allahabad)	Basic Pay Rs. 101500 (as per 7 th CPC) Level 12	16 th July 2019	Till date	Teaching, Research and Administrative		
(ii)	Assistant Professor-Grade II (Visvesvaraya National Institute of Technology, Nagpur)	Basic Pay Rs. 66,000 (as per 7 th CPC)	29 th March 2012	15 th July 2019	Teaching, Research and Administrative		

13. Administrative Experience:

Designation	Number of Years of Experience	Details
In charge of Telephone and Maintenance	1 Years	Telephone Maintenance
Warden (Boys Hostel)	05 Years	Hostel Administration of the Institute

14. Externally Sponsored R&D Project[s] as PI/Co-PI

SI. No.	Title of Project	Period	Sponsoring Organisation	Amount [in lakhs]	Co- Investigator[s], if any	Role
1.	Design and Development of Underwater Sensor Networks using Magnetic Induction based Communications	March – 2017 to March -2020	SERB, Govt. of India	Approx. 25.00		PI
2.	To develop a testbed based on Magnetic Induction (MI) communications for Agricultural soil condition monitoring (water concentration, minerals, and toxic chemicals)	December- April 2019 to December- 2022	MEITY, Govt. of India	Approx. 41.00	Dr. Rajeev Tripathi, Director, MNNIT, Allahabad Dr. Joydeep Sengupta, Asst. Professor, VNIT, Nagpur.	PI
3	Wireless Body area Networks: A magnetic Induction Communication Perspective	May 2019- May 2022	International Project Between Govt of India and Govt. of Thailand	Approx. 20.00 Lakh	S.B.Dhok and P.S.Dhule	PI

15. Patent[s]

SI. No.	Name of Patent	Registration No.	Date of Award/ Application	Awarding Country	Co-Awardee[s], if any
1.	Design and Implementation of Wireless Optical Communication Transmitter and Receiver Modules for Indoor Environment	201621020527	16 Jun 2016 (Published)	INDIA	Sirra Ajith Prakash, Saugata Sinha, Joydeep Sengupta
2.	Design and Implementation of physiological health monitoring wearable device	201721008921	15 Mar 2017 (Published)	INDIA	Joydeep Sengupta
3.	Wireless sensor Networks for Smart Temperature and Humidity Control and Monitoring	201721010138	23 Mar 2017 (Published)	INDIA	Joydeep Sengupta
4.	Design of full duplex Light Fidelity system in underwater scenario using laser diodes	201721015837	04 May 2017 (Published)	INDIA	Shubham P. Khedkar, Sourabh V. Shende, Gaurav Ghode, Joydeep Sengupta, Pankaj Shriram Dhule
5.	Design of Light Fidelity based system for shopping complex and its parking	201721015838	04 May 2017 (Published)	INDIA	Sanjana Pai, Shweta Pradeep Kulkarni, Surabhi Porwal, Joydeep Sengupta, Pankaj Shriram Dhule
6.	Energy dissipation Model based on Magnetic Induction Communication for Nonconventional media	201721016878	14 May 2017 (Published)	INDIA	Sudhir Kumar, S.B. Dhok, Rajeev Tripathi, Sudarshan Tiwari
7	3D-Imaging based Artificial Intelligence (AI) System for Screening of Thyroidism	201821031886	25 Aug. 2018 (FILED)	INDIA	Sanjay Dhok and Pankaj Dhule
8	Superconductor based Magneto-Inductive modeling for Wireless Non- Conventional Media Communication	201821021911	12 June 2018 (FILED)	INDIA	Sanjay Dhok and Akshay Kulkarni

16.Details of Ph.D. Thesis supervised (awarded / thesis submitted) as Sole Supervisor / 1^{st} Supervisor / Co-supervisor

SI. No.	Title of Ph.D. Thesis	Role	Institute	Name of student[s]	Co- Supervisor[s], if any	Year	Status [Awarded/ Submitted]
1	Energy Efficient	Principal	VNIT	Mr.	NO	2019	Submitted
	Design for	Guide	Nagpur	Sadanand			
	UWSNs			Yadav			
2	Energy Efficient	Principal	VNIT	Mr. D. N.	Yes		
	Design for	Guide	Nagpur	Sandeep			
	UWSNs based						
	on MI						
	Communication						

17. International Journal Publications:

1	Sadanand Yadav and Vinay Kumar "Energy Efficient Design of 3D-UWSNs Leveraging Compressive Sensing and Principal Component Analysis: A Communication Techniques Perspective" International Journal of Communication System, Wiley, In press 2019 (Impact Factor: 1.278)
2	Sadanand Yadav, Vinay Kumar , S. B. Dhok and Nalin Jaykody "Energy-Efficient Design of MI Communication-Based 3-D Non-Conventional WSNs" IEEE Systems Journal, Published Online, 2019 (Impact Factor: 4.463)
3	Laxmi Prasanna, Vinay Kumar and S.B.Dhok "Cooperative Communication and Energy- Harvesting-Enabled Energy-Efficient Design of MI-Based Clustered Nonconventional WSNs" IEEE Systems Journal, Published Online, 2019 (Impact Factor: 4.463).
4	Sadanand Yadav and Vinay Kumar "Hybrid Compressive Sensing Enabled Energy Efficient Transmission of Multi-Hop Clustered UWSNs" AEU, International Journal of Electronics and Communication Engineering (Elsevier), Published Online, 2019. (Impact Factor: 2.853).
5	Vinay Kumar , Rutuja Bhusari, Sanjay B Dhok, Arun Prakash, RajeevTripathi, Sudarshan Tiwari "Design of Magnetic Induction Based Energy-Efficient WSNs for Nonconventional Media Using Multilayer Transmitter-Enabled Novel Energy Model" IEEE SYSTEM JOURNAL, Vol. 99, PP.1932 – 8184, 2018.

	(Impact Factor: 4.463)
6	S.Tambe, Viny Kumar and R. Bhushari "Magnetic Induction based Cluster Optimization in Non- conventional WSNs: A Cross Layer Approach" International Journal of Electronics and Communication Engineering (Elsevier), Vol. 98, PP.53-62, 2018 (Impact Factor: 2.853)
7	Vishal Kumar, Vinay Kumar, DN Sandeep, S Yadav, RK Barik, R Tripathi, S Tiwari "Multi-hop Communication based Optimal Clustering in Hexagon and Voronoi Cell Structured WSNs" International Journal of Electronics and Communication Engineering (Elsevier), Vol. 93, PP. 305- 316, 2018. (Impact Factor: 2.853)
8	P. K. Pedapolu, P. Saraf, P. Kumar, V. Harish, S. Venturi, S. K.Bharti, Vinay Kumar , and S. Kumar "Regression Based Mobility Estimation Method Using Received Signal Strength" Wireless Personal Communication, Springer, Vol. 101, PP. 359-374, 2018. (Impact Factor: 0.929)
9	A. Kumar, S. Yadav, S. Dandu, Vinay Kumar , J.Sengupta, S.B. Dhok and S. Kumar "Magnetic Induction-Based Non- Conventional Media Communications: A Review" IEEE Sensor Journal, Vol. 17, Issue 4, PP. 926 – 940, 2017. (Impact Factor: 3.076)
10	Sadanand Yadav and Vinay Kumar "Optimal Clustering in Underwater Wireless Sensor Networks: Acoustic, EM and FSO Communication Compliant Technique" IEEE Access, 5, 2169- 353, 2017 (Impact Factor: 4.098)
11	D. N. Sandeep and Vinay Kumar "Review on Clustering, Coverage and Connectivity in Underwater Wireless Sensor Networks: A Communication Techniques Perspective IEEE Access, 5, 11176-111999, 2017. (Impact Factor: 4.098)
12	S. Rao, Vinay Kumar, S.Kumar, S. Yadav, V. K. Ancha and R. Tripathi "Power Efficient and Coordinated elCIC-CPC- ABS Method for Downlink in LTE Advanced Heterogeneous Networks" Physical Communication (Elsevier), 24, 1874-4907, 71–82, 2017. (Impact Factor: 1.451)
13	Vinay Kumar, S.B.Dhok, R.Tripathi and S. Tiwari "Cluster Size Optimization with Tunable Elfes Sensing model for Single and Multihop WSNs" International Journal of Electronics, Taylor and Francis USA. 104, Issue 21, 312-327, 2017 (Impact Factor: 1.070)
14	R. Chatterjee and Vinay Kumar "Energy Efficient Routing Protocol Via Chain Formation in Gaussian Distributed Wireless Sensor Networks" International Journal of Electronics letter, Taylor and Francis USA, 5, Issue 4, 449-462, 2017. (Impact Factor: 1.070)
15	Sriram Naik and Vinay Kumar "Modulation Aware Cluster Size Optimization in Wireless Sensor Networks International Journal of Electronics, Taylor and Francis USA" 104, Issue 7, 1161-1177, 2017. (Impact Factor: 1.070)

N. Kothapalli, P. Sharma and Vinay Kumar "Performance of a Bi-Directional Relaying System with One Full Duplex Relay" International Journal of Electronics and communication Engineering (Elsevier).70, Issue 10, 1426 - 1432, 2016.
(Impact Factor: 2.853)

18. Papers published/accepted in Scopus Indexed Journals

SI. No	Author (s)	Role (First author / Main Superviso r / Co- author)	Title of the paper	Name of Journal	Vol. No.	ISBN/ISS N No.	Page No. From to	Year
1	Vinay Kumar and S. Tiwari	First author	Routing in IPv6 over Low-Power Wireless Personal Area Networks (6LoWPAN) : A Survey	Journal of Computer Networks and Communications, Hindawi Publication, USA (Under charge free scheme of Hindawi)	201 2	2090- 715X		201 2
2.	Vinay Kumar, S. B. Dhok, R. Tripathi and S. Tiwari	First author	Cluster Size Optimizatio n in Gaussian Distributed Wireless Sensor Networks	International Journal of Engineering and Technology (IJET).	6, Issu e 3	0975- 4024	1581 - 1592	201 4
3	Akshay Kulkarni, Vina y Kumar , Pankaj Dhule, Sanjay Kumar Mishra, Anvita Tripathi and Rabindra Barik	Main Superviso r	Optical Filter Enabled Continuous Disinfection of Hospital Rooms using MultiSensor Feedback Aided Light Source	Procedia Computer Science, Elsevier	125		459- 467	201 8

4	Rabindra Barik, Amaresh Chandra Dubey, T Pratik, Rakesh Kumar Lenka, Harishchandr a Dubey, Kunal Mankodiya and Vinay	Co-author	MistData: Leveraging Mist Computing for Secure and Scalable Architecture for Smart and Connected Health,	Procedia Computer Science, Elsevier	125		647- 653	201 8
5	Kumar Vinay Kumar, A. Laxmi Prasanna, Dush Nalin K. Jayakody, Akhilendra Pratap Singh and Indrasen Singh	Main Author	Compressiv e Data Gathering for MI Based Clustered Non- Convention al WSNs	Publication in special <u>Issue</u> of PHYCOM/ other SCI & indexed journals of Wiley's "Internet Technology Letters", Internation al Journal of Distributed Sensor Networks and MDP I Information(As per the conference ETIC-2019)	Accep	ted		201 9

19. Papers published/accepted in Conference Proceedings indexed in SCI/Scopus/ Web of Science:

SI. No.	Author(s)	Title of the paper	Name of Conference and dates	Vol. ISBN/IS No. of SN No. the procee dings	Indexe d in
1.	Lakshmi P, Vinay Kumar etc	Link Energy Minimization in Magnetic Induction based on Non Conventional	Sixteenth international conference Electrical engineering, Computer, Telecommunic	It will be uploaded on IEEE Explorer	Scopu s

		Wireless Sensor Networks	ations and Information Technology or ECTI-CON 2019		
2.	Lakshmi P, Vinay Kumar etc	Compressive Data Gathering for MI Based Clustered NonConventional Wireless sensor network	Emerging Technologies of Information and Communication (ETIC) o	It will be uploaded on IEEE Explorer	Scopu s
3.	Aniket Dhok, I. Sagote, Vinay Kumar and S. Thote	Design of Efficient M^2I Coil Structure for Underground Sensor Networks	International Conference on VLSI, Communication and Signal Processing, MNNIT Allahabad-2018	It will be uploaded on IEEE Explorer	Scopu s
4.	Sadanand Yadav, Vinay Kumar , Sanjay Dhok, Gaurav Srivastava, Akhilendra Pratap Singh and M. Gupta	Performance Evaluation of Modulation Techniques for UW-FSO Communication System	International Conference on VLSI, Communication and Signal Processing, MNNIT Allahabad-2018	It will be uploaded on Springer	Scopu s
5.	A. Laxmi Prasanna and Vinay Kumar	Modified Cluster Head Election Scheme Based On LEACH Protocol For MI Driven UGWSNs	International Conference on VLSI, Communication and Signal Processing, MNNIT Allahabad-2018	It will be uploaded on Springer	Scopu s
6.	Devesh Shukla, Vinay Kumar and Arun Prakash	Performance evaluation of IEEE 802.11p physical layer for efficient vehicular communication	International Conference on VLSI, Communication and Signal Processing,	It will be uploaded on Springer	Scopu s

			MNNIT Allahabad-2018		
7.	Yogesh Tripathi, Vinay Kumar and Arun Prakash	A Robust Energy Efficient Cluster Based Routing Protocol for Mobile Wireless Sensor Network	International Conference on VLSI, Communication and Signal Processing, MNNIT Allahabad-2018	It will be uploaded on Springer	Scopu s
8.	Akshay Kulkarni, Vinay Kumar and Sanjay Dhok	Enabling Technologies for Range Enhancement of MI based Wireless Non-Conventional Media Communication	9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IISc Banglore-2018	IEEE Explore r	Scopu s
9.	Vivek Pathak, Vinay <i>Kumar</i> and Rabindra Barik	Magnetic Induction Communication based Transceiver coil and wave guide structure modelling for non- conventional WSNs	9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IISc Banglore-2018	IEEE Explore r	Scopu s
10.	V.Munde, J. Sengupta and V. Kumar	Design of a Via- Less, Compact CPW-fed ZOR Antenna for WLAN Applications	National Conference on Communication s (NCC) -2017, at IIT Madras	IEEE Explore r	Scopu s
11.	M. Tarun, Vinay Kumar, Sudhir Kumar, M. Jajoo, S. Rahman, J. Sengupta,	GPS-GSM based Rail Signalling and Tracking System.	International Conference on Control, Decision and Information Technologies, Barcelona, April 2017.	IEEE Explore r	Scopu s

12.	Pavan Kumar Pedapolu, Pradeep Kumar, Vaidya Harish, Satvik Venturi, Sushil K Bharti, Vinay Kumar , Sudhir Kumar	User's Speed Estimation using	ACM MobiHoc- 2017	ACM online	 Scopu s
13.	Vinay Kumar, Sadanand Yadav, Joydeep sengupta, sudhir kumar, Rajeev tripathi, Sudarshan Tiwari and Rabindra Barik	Optimal Clustering in a Gaussian Distributed	TENCON, IEEE 2017	Explore r	 Scopu s
14.	Vivek Pathak, D.N. Sandeep and Vinay Kumar, Ravindra K. Barik	Tunable Multilevel Probabilistic Sensing Model based Intrusion Detection in Gaussian Distributed WSNs	INDICON-2017	Explore r	 Scopu s
15.	Rabindra K. Barik, Satish Kumar Gudey, Gujji Giridhar Reddy, Harishchandra Dubey, Kunal Mankodiya, Vinay Kumar	FogGrid: Leveraging Fog Computing for Enhanced Smart Grid Network	INDICON-2017	Explore r	 Scopu s

20. Departmental activities identified by HODs like lab in charge, or department level committee

SI.	Activity	Pe	riod
No.		From	То
1.	Departmental Examination Controller	01 Jul 2012	30 Jun 2014
2.	PG NBA SAR preparations	09 Feb 2016	9 March 2017
3.	PG Faculty advisor, admission, project allotment, project exam etc.,	09 Jun 2015	10 Jun 2017
4.	UG Project coordinator	09 Jun 2012	09 Jul 2014
5.	Compilation of students' feedback data	11 Dec 2014	10 Dec 2015
6.	Lab in charge of DSP	01 Jul 2014	Till Date
7.	Load allocation and Time table in charge	01 Jul 2015	01 Jul 2017
8.	Class committee meeting and weak student identification reporting	09 Jun 2015	09 Jul 2016

21. Workshop/FDP/Short term courses of min 05 working Days duration offered as coordinator or convener

	In the	Title	Pe	riod	Organised	Sponsored	Amount
SI.	Capacity of		From	То	at	by	[in
No.							lakhs]
1.	Co-	Analog Electronics	04 Jun	14 Jun	VNIT	MHRD	
	ordinator		2013	2013	NAGPUR		
2.	Co-	Digital signal	05 May	09 May	VNIT	Self-	
	ordinator	processing	2014	2014	NAGPUR	Financed	
		workshop					
3.	Co-	Role of	26 Sep	30 Sep	VNIT	TEQIP-III	
	ordinator	Mathematics in	2016	2016	NAGPUR		
		Engineering					

22. Establishment of New Lab(s)

SI. No.	Name of Lab	Year of Establishment	Department/Institute
1.	Signals and Systems analysis Lab	2015	Department of ECE, VNIT
2.	Wireless Sensor Networks Lab	2017	Department of ECE, VNIT

23. PG Dissertation Guided

SI. No.	Title of Dissertation/Project	-	rtment/ titute	Name of student[s]	Co- Supervisor[s], if any	Year
1.	Estimation of Optimal Number of Clusters in Wireless Sensor Networks	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Sriram Naik		2014
2.	Enhancement of Network Lifetime in Wireless Sensor Network	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Gayatri Devi		2015
3.	Development of Test Bed Based On Magnetic Induction (Mi) Communication for Non-Conventional Media Application	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Ashish Kumar Sharma		2016
4.	Performance Analysis of Bi-Directional Relay System In Rayleigh Fading	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Nagendra Banu	Prabhat Kumar Sharma	2016
5.	Power Efficient and Coordinated Eicic- CPCABS Method for Downlink in LTE- Advanced Heterogeneous Networks	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Srinivasa Rao		2016

6.	Lifetime Enhancement Using Multi-Hop Communication in Hexagon and Voronoi Clustered Wireless Sensor Networks	Department of ECE	Visvesvaraya National Institute of Technology Nagpur	Vishal Kumar		2017
7.	Super-conductor- based Magneto- Inductive Modelling of Transmitter Coil and Waveguide Structure for Non-Conventional Media	Department of ECE	Visvesvaraya National Institute of Technology Nagpur.	Akshay Kulkarni	NIL	2018
8	Magnetic Induction Communication based Transceiver Coil and Waveguide Structure Modelling for Non- Conventional WSNs	Department of ECE	Visvesvaraya National Institute of Technology Nagpur.	Vivek Pathak	NIL	2018
9	Platform Debug Utility fo x86 Platforms Across a the Segments	of ECE	Visvesvaraya National Institute of Technology Nagpur.	Annapurna Varada	NIL	2018

24. UG Dissertation Guided

SI. No.	Title of Dissertation/Project	Depart Instit	Year	
1.	LEACH clustering protocol	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2014
2.	Link Energy Minimization in WSNs	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2014

3.	Pipeline Leakage Detection Using Pressure sensors	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2014
4.	Smart Zone Based Vehicle Speed Control Using RF and obstacle Detection to prevent Accidents.	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2015
5.	Automation in Railway using GPS & GSM	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2016
6.	Light Fidelity (Li-Fi) Implementation using LED and LASER	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2017
7.	Hardware implementation of Magnetic induction based communication in Non-Conventional Media	Department of Electronics and Communications Engineering	Visvesvaraya National Institute of Technology Nagpur	2018
8.	Magnetic Induction based Cluster Optimization in Non- Conventional WSNs: A Cross-Layer Approach	Department of Electronics and Communications Engineering	Visvesvaraya National Institute of Technology Nagpur	2018
9.	Efficient practical design of Metamaterial-based Magnetic induction communication in Non- conventional media	Department of Electronics and Communications Engineering,	Visvesvaraya National Institute of Technology Nagpur	2018

25. Text/Reference Books Published on relevant subjects from reputed national publishers or

book chapters in the book published by reputed international publishers

SI. No.	Author(s)	Year of	Book Title	Title of Chapter, if	National Internatio		Pu	ıblisher
		Publ icati on		any				
1	Vinay Kumar, Sadanand Yada etc.	2019	Frontiers in Intelligent Computing : Theory and Application s	Optimal Cluster Count and Coverage Analysis in a Gaussian Distributed WSNs Using TESM		Interna al	ation	Springer Nature Singapor e Pte Ltd.
2	Vinay Kumar, Sadanand Yadav, D N Sandeep, S B Dhok, Rabindra Kumar Barik, and Harishchandra Dubey	2017	Advances in Intelligent Systems and Computing	5G Cellular: Concept, Research Work and Enabling Technologies	2194-5357	Interna	ation	(AISC) series of Springer
3	Vinay Kumar, Sadanand Yadav, Vishal Kumar, Jaydeep Sengupta, Rajeev Tripathi, Sudarshan Tiwari	2017	Advances in Intelligent Systems and Computing	Optimal Clustering in Weibull Distributed WSNs based on Realistic Energy Dissipation Model,	2194-5357	Interna	ation	Springer
4	R. K. Barik, A. Tripathi, H. Dubey, R. K. Lenka, T	2017	Advances in Intelligent	MistGIS: Optimizing Geospatial Data	2194-5357	Interna al	ation	Springer

	Pratik, S. Sharma, and K. Mankodiya, and Vinay kumar		Systems and Computing	Analysis Using Mist Computing			
5	Rabindra Barik, Rojalina Priyadarshini, Harishchandra Dubey, Dr.Vinay Kumar and S. Yadav	2017	Lecture Notes in Networks and Systems	Leveraging Machine Learning in Mist Computing Telemonitorin g System for Diabetes Prediction	2367-3370	Internation al	Springer.
6	Rabindra Barik, Rojalina Priyadarshini, Harishchandra Dubey, Dr.Vinay Kumar and S. Yadav	2017	Lecture Notes in Networks and Systems.	Leveraging Machine Learning in Mist Computing Telemonitorin g System for Diabetes Prediction	2367-3370	Internation al	Springer

26. Significant Outreach Institute Activities

SI. No.	Nature of Activity	Department / Institute
1.	Observer for CMAT/ GPAT, 2017,	Jhulelal Institute of Technology,Nagpur
2.	Expert lecture,	RKGIT, Ghaziabad
3	Observer for CMAT, 2014,	Dr. Panjab Rao Deshmukh Institute of Management and Technology,Nagpur.
4	Expert Lecture,	National Institute of Technology, Uttarakhand
5	External Examiner	National Institute of Technology, Raipur
6	Deputation for Workshop on NBA Accreditation	Visvesvaraya National Institute of Technology , Nagpur