

# Curriculum Vitae

**Prof. Arvind Choubey**

Director, National Institute of Technology, Durgapur

Ex-Director, Indian Institute of Information Technology Bhagalpur  
&

Professor (HAG), Dept. of Electronics & Communication Engg.



## 1. Present Position

<b>a.</b>	<b>Designation</b>	Director
<b>b.</b>	<b>Organization</b>	National Institute of Technology Durgapur
<b>d.</b>	<b>Date of appointment to present post</b>	27-07-2023

## 2. Administrative Experience/Post(s) & responsibilities held

S. No.	Post	Organisation/University	Duration		Experience (In Years and Months)
			From (Date)	To (Date)	
1.	Ex-Director	Indian Institute of Information Technology Bhagalpur	Apr 26, 2019	Contd.	04 year, 03 months
2.	Professor (HAG)	National Institute of Technology Jamshedpur	Apr 26, 2019	Contd.	04 years
3.	Professor	National Institute of Technology Jamshedpur	Apr 2, 2009	Apr 26, 2019	10 years
4.	Dean (Faculty Welfare)	National Institute of Technology Jamshedpur	May 11, 2018	Apr 26, 2019	11 months
5.	Coordinator IIT Ranchi	Indian Institute of Information Technology Ranchi	Apr 2, 2017	Aug 2, 2018	01 year, 04 months
6.	Member, Board of Governors	Indian Institute of Information Technology Allahabad	Mar 2, 2019	Contd.	More than 03 years and 02 months
7.	Member Executive Committee	All India Council for Technical Education (AICTE) New Delhi	Mar 1, 2019	Mar 30, 2022	03 years
8.	Head, Department of ECE	National Institute of Technology Jamshedpur	May 12, 2011	May 12, 2013	02 years
			Dec 2, 2000	Feb 1, 2005	4 years, 02 months
9.	Member Senate	National Institute of Technology Jamshedpur	Apr 2, 2009	Apr 26, 2019	10 years
10.	Chairman, UGPEC Committee	National Institute of Technology Jamshedpur	May 12, 2011	May 12, 2013	02 years
11.	Chairperson, Smart India Hackathon-2020	National Institute of Technology Jamshedpur	Mar 2, 2019	Mar 3, 2019	--
12.	Chairman, Board of Studies	National Institute of Technology Jamshedpur	May 12, 2011	May 12, 2013	02 years

13.	Chairman, Advisory Committee on Faculty Recruitment (ACoFAR)	Indian Institute of Information Technology Ranchi	Aug 16, 2018	Aug 16, 2019	01 year
14.	Chairman, House Allotment Committee	National Institute of Technology Jamshedpur	Sep 4, 2018	Sep 3, 2019	01 year
15.	Chairman (Faculty Recruitment)	NIT Jamshedpur & IIIT Ranchi	Jul 18, 2018	Jul 22, 2018	--
16.	Convener Screening Committee	Government of India	Mar 12, 2009	Mar 12, 2010	01 year
17.	Media Spokesperson	National Institute of Technology Jamshedpur	Nov 28, 2018	Apr 25, 2019	04 months
18.	Expert Member	UPSC, New Delhi	May 2, 2014	May 8, 2014	--
19.	Expert Member	CSIR, Kolkata	Sep 14, 2015	Oct 1, 2015	--
20.	Expert Member	Chhattisgarh Public Service Commission	May 2, 2016	May 12, 2016	--
21.	Expert Member	Jharkhand Public Service Commission	May 17, 2006	May 23, 2006	--
22.	Expert Member	All India Council for Technical Education	Oct 22, 2001	Oct 22, 2002	01 year
23.	Expert Member	CSIR-NML, Jamshedpur	Jun 3, 2016	Jun 16, 2016	--
24.	Secretary cum Treasurer	ISTE	Jan 21, 2010	Jan 21, 2014	04 years

3. (a) **Academic/Teaching Experience & responsibilities (In chronological order from latest to oldest)**

S. No.	Post	Organisation/University	Duration		Experience (In Years and Months)
			From (Date)	To (Date)	
1.	Professor (HAG)	National Institute of Technology Jamshedpur	Apr 26, 2019	Apr 21, 2022	More than 03 years
2.	Professor	National Institute of Technology Jamshedpur	Apr 2, 2009	Apr 26, 2019	10 years
3.	Associate Professor	National Institute of Technology Jamshedpur	Feb 24, 1997	Apr 2, 2009	12 years, 01 month
4.	Assistant Professor	National Institute of Technology Jamshedpur	May 1, 1987	Feb 24, 1997	09 years, 09 months
5.	Assistant Professor	G B Pant Univ. of Agriculture and Technology, Pantnagar UP	Aug 22, 1986	Apr 21, 1987	08 months

(b) **Participation and contribution in relevant areas in higher education**

	Organisation	Area of specialisation
<b>Plenary Speaker</b>	Indian Institute of Technology Patna	Start-up and Entrepreneurship

<b>Keynote Speaker</b>	National Workshop at Sambalpur University, Odisha, India	Electronics and Communication
	IEEE International Conference on Computational Intelligence & Communication Technology, Ghaziabad, India	Soft Computing in Communication
<b>Invited Talk</b>	Curtin University, Malaysia	Recent Trends in Soft Computing
<b>Member Program Committee</b>	International Conference on Devices, Circuits and Communications (ICDCCom-2014), BIT Mesra, Ranchi	Devices, Circuits and Communications
	International Conference on Advances in Computing, Communication and Control (ICAC'15), Bandra, Mumbai	Computing, Communication and Control
	IEEE International Conference on Computer and Computational Sciences (ICCCS-2015), Greater Noida, UP	Computer and Computational Sciences
	IEEE International Conference on Computer and Communications Technology (ICCT-2014), NIT Allahabad	Computer and Computational Sciences
	International Conference on Computer and Computational Sciences (ICCCS-2016), Aryabhata College of Engineering & Research Center, Ajmer	Computer and Computational Sciences

**(c) Involvement with formulation of academic programmes:**

<b>Sl. No.</b>	<b>Nomenclature of Innovative Academic Programmes formulated</b>
1.	Started a new B.Tech program in Mathematics and Computing
2.	Formation of (i) IPR Policy (ii) Research & Consultancy and, (iii) Incubation & Consultancy Policies of IIT Bhagalpur
3.	Centre of Excellence on AI and Data Science
4.	M.Tech programs started with specializations of (a) Artificial Intelligence and Data Science, (b) Signal Processing and Machine Learning, (c) Electric Vehicle Technology, and (d) VLSI & Embedded Systems (e) Microwave and Communication Engineering
5.	PhD program started in all the Department (i) Computer Science and Engineering, (ii) Electronics and Communication Engineering (iii), Mechatronics Engineering, (iv) Basic Science and Humanities.
6.	As per NEP-2020, Major & Minor courses were introduced for the students of Indian Institute of Information Technology Bhagalpur
7.	As per NEP-2020, UG, PG and PhD ordinances were framed and implemented first time after approval of Senate and BoG of Indian Institute of Information Technology Bhagalpur
8.	Dual Degree programmes in (a) B.Tech-M.Tech, (b) B.Tech-PhD, and (c) M.TechPhD.
9.	As per NEP-2020, Multiple Entry and Multiple Exit Policy was started for the students of Indian Institute of Information Technology Bhagalpur.
10.	M.Tech course on “VLSI and Embedded System” was started at Dept. of ECE, NIT Jamshedpur.

**(c) Important MoUs formulated for academic collaborations:**

S. No.	MoUs formulated	Name of Agencies/Departments involved	Year MoU
1.	Bihar Agriculture University, Bhagalpur	Indian Institute of Information Technology Bhagalpur	2022
2.	AIIMS Patna	Indian Institute of Information Technology Bhagalpur	2021
3.	iHUB DivyaSampark, IIT Roorkee	Indian Institute of Information Technology Bhagalpur	2021
4.	Curtin University, Malaysia	Indian Institute of Information Technology Bhagalpur	2021
5.	Nova Angelia College Australia Consultancy regarding academic program development	Indian Institute of Information Technology Bhagalpur	2021
6.	Advance Tech PVT. LTD Chandigarh	Indian Institute of Information Technology Bhagalpur	2020
7.	VIITI Research Foundation	Indian Institute of Information Technology Bhagalpur	2019
8.	Advance Tech Pvt. Ltd, Chandigarh	National Institute of Technology Jamshedpur	2018

**4. International academic Exposure, if any**

S. No.	Post/ Assignment	Organisation/ University	Area of Assignment	Duration		
				From (Date)	To (Date)	In Years & Months
1.	Event Faculty Advisor	National Institute of Technology Jamshedpur	The Team DRIFT, Project Formulae SAE, Japan	Sep 1, 2012	Sep 7, 2012	07 Days

**5. Scholarly achievements:**

**A. Contribution to Journals and Books:**

	Details
<b>Book authored</b>	<ol style="list-style-type: none"><li>Soft Computing Algorithms for Synthesis of Array Antenna, Arvind Choubey, Rashmi Sinha, Santosh Kumar Mahto, 2018, Lambert Academic Publishing</li><li>Soft Computing Approach to Design Adaptive Channel Equalizer, Rashmi Sinha, Santosh Kumar Mahto, Arvind Choubey 2018, Lambert Academics Publishing</li></ol>
<b>Peer reviewer for</b>	<ul style="list-style-type: none"><li>IEEE Antennas and Wireless Propagation Letters</li><li>Journal of Electromagnetic Waves and Applications</li><li>Journal of Materials Science: Materials in Electronics</li><li>Progress in Electromagnetics Research Journal of Electronic Materials</li><li>International Journal of Engineering, Science and Technologies, Elsevier</li></ul>

**B. Research Publications:****Total Journal Publications: 35**

Sl. No.	Date	Title	Name of Journals	Refereed journal or not	Number of Citations (where possible)
1.	Apr 15, 2022	A Recent Survey on Zeroth-Order Resonant (ZOR)	Analog Integrated Circuits and Signal Processing	Referred Journal	0
2.	Feb 20, 2022	A miniaturized rectangular shape narrowband MIMO antenna with reduced mutual coupling for C-band applications.	Journal of Electromagnetic Waves and Applications	Referred Journal	0
3.	Feb 4, 2022	The synthesis of a pixelated metamaterial cross polarizer using the binary wind-driven optimization algorithm.	Journal of Computational Electronics	Referred Journal	1
4.	Feb 2, 2022	A novel metamaterial electromagnetic band gap (MM-EBG) isolator to reduce mutual coupling in low-profile MIMO Antenna.	Journal of Electronic Materials	Referred Journal	1
5.	Jan 9, 2022	A Quadrilateral Shaped Fractal Slot Planar Antenna for Ultra-Wide Band Applications.	Australian Journal of Electrical and Electronics Engineering	Referred Journal	0
6.	Jan 1, 2022	A Wideband Metamaterial Cross Polarizer Conversion for C and X Band Applications.	Frequenz	Referred Journal	2
7.	Dec 29, 2021	A Bio-Inspired Method for Mathematical Optimization Inspired by Arachnida Salticidae.	MDPI, Mathematics	Referred Journal	1
8.	Jun 15, 2021	A Compact Microstrip Feedline Printed Antenna with Perturbed Partial Ground Plane for UWB Applications.	International Journal of RF and Microwave Computer Aided Engineering	Referred Journal	2
9.	Mar 1, 2021	Dual Circular Slot Ring Triple-Band MIMO Antenna For 5G Applications.	Frequenz	Referred Journal	6
10.	Jan 22, 2021	An Ultrawide Band Monopole Antenna Using Hexagonal Square Shaped Fractal Geometry.	Journal of Electromagnetic Waves and Applications	Referred Journal	5
11.	Aug 24, 2020	A Compact Wideband Metamaterial Absorber for Ku Band Applications.	Journal of Materials Science: Materials in Electronics	Referred Journal	9

12.	Jul 2, 2020	A Set Square Design Metamaterial Absorber for X-band Applications.	Journal of Electromagnetic Waves and Applications	Referred Journal	14
13.	May 11, 2020	Wide Band Polarization Insensitive Metamaterial Absorber Using Lumped Resistors.	SN Applied Sciences	Referred journal	1
14.	Feb 2, 2020	Terminal reliability analysis of multistage interconnection networks	International Journal of System Assurance Engineering and Management	Referred Journal	5
15.	Jan 3, 2020	A Survey of Multistage Interconnection Networks.	Recent Advances in Electrical and Electronic Engineering, Bentham Science	Referred Journal	0
16.	Nov 22, 2019	A Novel Ultrathin Wideband Metamaterial Absorber For X-Band Applications.	Journal of Electromagnetic Waves and Applications	Referred Journal	13
17.	Nov 7, 2019	Wide Band Metamaterial Absorber for Ku and K band Applications.	Journal of Applied Physics	Referred Journal	11
18.	Jul 18, 2019	BWDO Algorithm and Its Application in Antenna Array and Pixelated Metasurface Synthesis	IET Microwaves, Antennas & Propagation	Referred Journal	11
19.	Dec 12, 2018	A Six-Band Ultra-Thin Polarization Insensitive Pixelated Metamaterial Absorber Using a Novel Binary Wind Driven Optimization Algorithm.	Journal of Electromagnetic Waves and Applications	Referred Journal	19
20.	Nov 18, 2018	An Ultrathin Five Band Polarization Insensitive Metamaterial Absorber Having Hexagonal Array of 2D-Bravais-Lattice.	Progress In Electromagnetic s Research C	Referred Journal	9
21.	Jan 1, 2018	A Novel Approach for Optimal Design of Multilayer Wideband Microwave Absorber Using Wind Driven Optimization Technique.	AEU-International Journal of Electronics and Communications	Referred Journal	24
22.	Oct 2, 2017	Time-Frequency Analysis of Non-Stationary Waveforms in Power-Quality via Synchro squeezing Transform.	International Journal of Applied Engineering Research	Referred Journal	0
23.	Jun 5, 2017	Soft Computing Techniques to Estimate FIR Filter Weights in an Adaptive Channel Equalizer: A Comparative Study.	International Journal of Applied	Referred Journal	0

			Engineering Research		
24.	May 5, 2017	Wide-Angle Polarization Independent Multilayer Microwave Absorber Using Wind Driven Optimization Technique.	International Journal of Applied Engineering Research	Referred Journal	5
25.	Apr 25, 2017	Wind Driven Optimization Technique for Equalization of Non-Minimum Phase Channel.	Indian Journal of Science and Technology	Referred Journal	0
26.	Nov 7, 2016	Design of A Discrete Adaptive Equalizer for Noisy Channel Using Quantum Behaved Particle Swarm Optimization Technique.	Indian Journal of Science and Technology	Referred Journal	2
27.	Oct 21, 2016	An Efficient Adaptive System Identification Technique Based on Wind Driven Optimization Method.	Indian Journal of Science and Technology	Referred Journal	2
28.	Jul 13, 2016	Non- Stationary Signal Classification Via Modified Fuzzy C- Means Algorithm and Improved Bacterial Foraging Algorithm.	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	Referred Journal	7
29.	Jun 1, 2016	A Novel Hybrid IWO/WDO Algorithm for Nulling Pattern Synthesis of Uniformly Spaced Linear and Non- Uniform Circular Array Antenna.	AEU- International Journal of Electronics and Communications	Referred Journal	27
30.	Jun 1, 2015	A Novel Hybrid IWO/WDO Algorithm for Interference Minimization of Uniformly Excited Linear Sparse Array by Position-Only Control.	IEEE Antennas and Wireless Propagation Letters	Referred Journal	38
31.	Jun 6, 2014	Low Power SRAM Cell with Improved Response.	International Journal of Research in Engineering and Technology	Referred Journal	1
32.	May 5, 2013	Design of Multirate Linear Phase Decimation Filters for Oversampling ADCS	International Journal of Scientific & Technology Research	Referred Journal	0
33.	May 5, 2013	Module Based Implementation of Partial Reconfiguration in FPGA for counters.	International Journal of Engineering Research & Technology	Referred Journal	0
34.	May 5, 2013	Reduction of Leakage Power in CMOS MUX Using Leakage Control Transistor in 90 nm Technology.	International Journal of VLSI and Embedded Systems	Referred Journal	2

35.	Mar 3, 2012	An Improved ECG Signal Acquisition System through CMOS Technology	International Journal of Engineering Science and Technology	Referred Journal	4
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### B.III List of articles in popular Book Chapter: Total Articles: 08

Sl. No.	Date	Title	Name of Book Chapter
1.	Mar 1, 2022	A Uniquely Packed 2.4 GHz ISM Band Microstrip Antenna for Bluetooth Devices.	ICCTA 2021 - International Conference on Computational technique and Applications.
2.	Aug 11, 2021	A Novel Pixelated Approach for Synthesis of Wideband Metamaterial Cross Polarizer Using Widen Optimization Algorithm	Soft Computing: Theories and Applications: Proceedings of SoCTA 2021.
3.	Oct 10, 2019	A Novel ZOR-Inspired Patch Antenna for Vehicle Mounting Application.	Ambient Communications and Computer Systems.
4.	Jun 22, 2020	Cardiac Arrhythmia Recognition Using Stockwell Transform And ABC-Optimized Twin SVM.	Computational Intelligence for Machine Learning and Healthcare Informatics
5.	Oct 10, 2019	Quantum Behaved Particle Swarm Optimization Technique Applied to Fir-Based Linear and Nonlinear Channel Equalizer.	Advances in Computer Communication and Computational Sciences
6.	May 11, 2019	Sidelobe Minimization of Uniform Linear Array by Position-And Amplitude-Only Control Using WDO Technique.	Sidelobe Minimization of Uniform Linear Array by Position-And Amplitude only Control Using WDO Technique.
7.	Sep 9, 2018	Simultaneous Power Quality Disturbances Analysis Using Modified S Transform and Evolutionary Approach.	Microelectronics, Electromagnetics and Telecommunications.
8.	Dec 10, 2016	Analysis of ECG Signals Using Advanced Wavelet Filtering Approach.	Advances in Intelligent Systems and Computing.
9.	Apr 5, 2016	Non-uniform Circular Array Geometry Synthesis Using Wind Driven Optimization Algorithm.	Microelectronics, Electromagnetics and Telecommunications.

### C. Participation and scholarly presentations in conferences: National

Sl. No.	Date	Title of Conference or Institution	Title/Subject of presentation (if made)
1.	Dec 22, 2007	An Overview of Bacterial Foraging Optimization for Adaptive System Identification and its Applications.	National Conference on Soft Computing Applications
2.	Sep 15, 2006	Development of Novel Digital Channel Equalizers using Genetic Algorithms.	Indian Institute of Technology Delhi, Proc. of National Conference on Communication (NCC2006)
3.	Jan 30, 2006	Nonlinear Adaptive Channel Equalization using GA based Technique.	Proc. of National Conference on Soft Computing and Machine Learning for Signal Processing, Control, Power and Telecommunications (NCSC-2006)

## International

Sl. No.	Date	Title of Conference or Institution	Title/Subject of presentation (if made)
1.	Mar 30, 2022	A Microstrip Line Fed Hexagonal Square Shaped Fractal Monopole Antenna for Ultra-Wide Band Applications.	National Institute of Technology Jamshedpur, India International Conference on Smart Energy and Advancement in Power Technologies
2.	Mar 2, 2022	Miniaturization of Dual Shaped Monopole Antenna for UWB Application.	Sikkim Manipal Institute of Technology, Sikkim, India International Conference on Communication Devices and Networking.
3.	Mar 30, 2022	Design of Wideband Metamaterial Absorber for X Band Application. National Institute of Technology Jamshedpur, India.	International Conference on Smart Energy and Advancement in Power Technologies.
4.	Mar 30, 2022	Pixelated Wideband Metamaterial Absorber for X Band Applications. National Institute of Technology Jamshedpur, India.	International Conference on Smart Energy and Advancement in Power Technologies.
5.	Mar 30, 2022	Compact Wideband Metamaterial Cross Polarizer for Ku and K Band Applications.	National Institute of Technology Jamshedpur, India. International Conference on Smart Energy and Advancement in Power Technologies.
6.	Feb 17, 2019	Synthesis of Linear Array Antenna using Hybrid IWO/WDO Algorithm.	IEEE, Rome, Italy Photonics & Electromagnetics Research Symposium Spring (PIERS-Spring).
7.	Jun 17, 2019	A Low Profile Pentagonal Shape Zeroth Order Resonator Antenna for Ka Band Applications.	IEEE, Rome, Italy Photonics & Electromagnetics Research Symposium Spring (PIERS-Spring).
8.	Apr 11, 2019	A Compact Wideband Metamaterial Absorber for Various Application of Ku Band.	Indian Institute of Information Technology Allahabad, India Proceedings of the International Conference on Advances in Electronics, Electrical & Computational Intelligence (ICAEEC).
9.	Apr 10, 2019	A Novel Circular Shape ZOR Antenna for X-Band Application.	Indian Institute of Information Technology Allahabad, India Proceedings of the International Conference on Advances in Electronics, Electrical & Computational Intelligence (ICAEEC).
10.	Feb 9, 2017	Adaptive Filtering via Wind Driven Optimization Technique.	IEEE, Ghaziabad, India 3rd International Conference on Computational Intelligence & Communication Technology (CICT).
11.	Dec 18, 2015	A Novel Microstrip Antenna Using EBG Structure for Mobile and ISM Band.	IEEE, Bhubaneswar, India International Conference on Microwave, Optical and Communication Engineering (ICMOCE).
12.	Dec 11, 2015	A Novel Compact Multiband Double Y-Slot Microstrip Antenna Using EBG Structure.	IEEE, Dhanbad, India International Conference on Microwave and Photonics (ICMAP).

13.	Nov 10, 2015	Synthesizing Broad Null in Linear Array By Amplitude-Only Control Using Wind Driven Optimization Technique.	IEEE, London, UK SAI Intelligent Systems Conference (IntelliSys).
14.	Nov 10, 2015	A Novel and Efficient Hybrid Least Mean Square (HLMS) Adaptive Algorithm for System Identification.	IEEE, London, UK SAI Intelligent Systems Conference (IntelliSys).
15.	Jul 10, 2015	FPGA Implementation of All-Digital Adaptive Delta Sigma Modulator with Enhanced SQNR And Dynamic Range.	IEEE, Bangalore, India IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT).
16.	Jan 2, 2015	Linear Array Synthesis with Minimum Side Lobe Level and Null Control Using Wind Driven Optimization.	IEEE, Guntur, India International Conference on Signal Processing and Communication Engineering Systems.
17.	Jun 1, 2008	Efficient Scheme of Pole Zero System Identification Using Particle Swarm Optimization Technique.	IEEE, Hong Kong, China IEEE Congress on Evolutionary Computation (IEEE World Congress on Computational Intelligence).
18.	Jun 1, 2008	Prediction of S&P 500 and DJIA Stock Indices Using Particle Swarm Optimization Technique.	IEEE, Hong Kong, China IEEE Congress on Evolutionary Computation (IEEE World Congress on Computational Intelligence).
19.	Jan 30, 2006	On the Development of a New Adaptive Channel Equalizer Using Bacterial Foraging Optimization Technique.	Indian Institute of Technology Delhi, India Annual IEEE India Conference.

## 6. Research Projects:

S. No.	Client/Organisation's name	Nature of project	Duration of project	Amount of grant (Rupees)
1.	Bihar Agricultural University Sabour, Bhagalpur, Bihar	Development of an Intelligent Advisory System Based on Agricultural Conditions	03 Years,	70 Lakh
2.	MeitY, Government of India	SMDP II- VLSI Special Manpower Development Programme in the Area of VLSI.	05 years	60 Lakh
3.	MeitY, Government of India	Chip 2 System Design (C2SD).	05 years	60 Lakh
4.	National Institute of Technology Jamshedpur	Design of a Smart Array Antenna and its Application in Brain Cancer Detection.	01 year	3.25 Lakh
5.	Indian Council of Medical Research, New Delhi	Development of AI based COVID-19 screening software using Chest X-Rays, which is approved by ICMR, New Delhi	02 Years	-

**7. Honours /Awards & Fellowships for Outstanding Work:**

S. No.	Name of Award/Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
1.	Dr. Syamaprasad Mookerjee National Eminent Academician Award	Honorary Fellow	Chanakya Foundation	2019
2.	Best Paper Award (International Conference on Computer, Communication and Computational Sciences).	Elected	Phuket, Thailand	2017
3.	Best Paper Award (International Conference on Science, Technology, Engineering & Management).	Elected	Kuala Lumpur, Malaysia	2017
4.	Who's Who in the world	Honorary Fellow	USA	2010
5.	GATE Fellowship	Elected	UGC	1984

**8. Education Qualification (In chronological order from latest to Graduation level)**

Sl. No.	Qualification / Degree	University/Institution	Year	Subject(s)/Topic(s)	% of Marks obtained	Dist. etc.
1.	PhD	Ranchi University	2009	Electronics and Communication/ "Development of New and Efficient Adaptive Channel Equalizers using Soft Computing Approach"	NA	NA
2.	M.Tech	Indian Institute of Technology (BHU), Varanasi.	1987	Machines and Drives/ "Design and Application of Chopper Controller for Speed Control of Slip Ring Induction Motor "	64% 6.83 CGPA	NA
3.	B.Sc(Engg.)	Bihar University Electrical Engineering	1984	Electrical Engineering	67%	NA

**9. No. of Research Scholars successfully guided:**

Name of Programme	Awarded (No.) (Under-progress not to be included)
<b>Ph.D</b>	07
<b>M.Tech</b>	25

**10. Country Visited:**

United Kingdom (UK), Japan, Hong Kong, Singapore & Thailand

**11. Address for correspondence**

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(Arvind Choubey)