Faculty Profile

1. Name   :Arvind Kumar
2. Date of Birth   : 20/02/1976
3. Designation   : Assistant Professor
4. Degrees Obtained   :

University	Degree	Year	Field of Specialization
BSEB Patna	Matriculation	1990	Eng, Science, Social Science, Math, Hindi
BIEC Patna	Intermediate	1992	Eng, Physics, Chemistry, Math, Hindi
Magadh Univ. Bodh Gaya	B.Sc. Engg.	2001	Electronics & Communication
BIT Mesra,Ranchi	M.E.	2003	Electronics & Communication (Microwave Engineering)
VBU Hazaribag	PhD	2016	Electronics & Communication Engg. (Microwave Imaging For Subsurface Mineral Exploration)

5. Employment Record (Starting from present position):

University/ College	Designation	Period
VBU Hazaribagh /BIT Sindri	Assistant Professor	16th Sept.-2006 till date
UPTU Lucknow/IEC College of Engg. Tech.Gr. Noida	Sr. Lecturer	06th Oct.2005 to 14Sep.06
UPTU Lucknow / MGM's COET, Noida	Lecturer	01st Aug.2003 to 30thSept.2005

6. Other Related Experience-research, industrial etc.

Organisation/Employer	Designation	Period
N/A	N/A	N/A

7. Consultancy and Sponsored Research activities: N/A

8. Publications :11(Eleven)

S.N.	Title	Name of Authors	Name of Seminar / Journal	ISBN/ISSN and Page No.	Year
1.	IP TV: Bandwidth stave	Dr.D.K.Singh Arvind Kumar A.P.Sinha	FECIIT-2008 National Seminar	Page No-204-209	2008
2.	Microwave Imaging In Computational Era	Arvind Kumar Dr.D.K.Singh	RTEFPS-09 National Seminar	Page No.-58-61	2009
3.	A Triangular Shaped Bow Tie Antenna For Microwave Imaging Application	Arvind Kumar Abhishek Kumar	International journal of Electronics & Electrical Engineering	ISSN -09742174 Page No.-663-667	2012
4.	Electronics Waste Management In India	Arvind Kumar A P Sinha I Ahmad	National Seminar on Energy and Environment for Sustainability	ISBN - 9879382880189 Page No.-287-292	2013
5.	Green Environment Revolution India & World	A P Sinha Arvind Kumar	National Seminar on Energy and Environment for Sustainability	ISBN - 9879382880189 Page No.-309-314	2013
6.	Microwave Image Reconstruction Using Swarm Particle Optimization	Arvind Kumar Dr. A. Bhattacharya Dr. D.K. Singh	International Journal of Electronics and Communication Engineering & Technology	ISBN- 09766472 Vol.-2 Issue-6 Page no.-57-61	2013
7.	Inversion of Scattered Field Particle Using Swarm Optimizer	Arvind Kumar Dr. A. Bhattacharya Dr. D.K. Singh	International Journal of Engineering Research & Technology	ISBN- 22780181 Vol.3 Issue-2 Page No.- 1791-95	2014
8.	E-waste Hazard for Health And Environment	Arvind Kumar A.P. Sinha Rahul Ranjan	National Seminar on EIPCM, BIT Sindri	ISBN- 9789385777288 Page- 291-95	2016
9.	Green Energy Sources for Green Environment	A.P.Sinha Arvind Kumar Kumari Nidhi Priya Upendra Prasad	National Seminar on EIPCM, BIT Sindri	ISBN- 9789385777288 Page- 220-26	2016
10.	A Noble for Arresting Power Theft by Intelligent Use of Embeded Circuitry	Rahul Ranjan Arvind Kumar A Panda	International Journal in Engineering, Technology and Science	ISBN-	2017
11.	IoT Based Energy Efficient Agriculture	Arvind Kumar Abhijeet Kumar	Journal of Mobile Multimedia,	Vol. 17 1–3, 345–	2021

	Field Monitoring and Smart Irrigation System using NodeMCU	Abhishek Kr Singh Anubhav Kr Choudhary		360.	

(Give the list of publications with title, names of the author(s), name of journal, year of publication, etc.. with citation index)

9. Fellowship of Academics bodies and professional Societies. IETE

10. Membership of Scientific and Professional Societies. IETE

11. Honors and Rewards. N/A

12. No. of Ph.D, M. Phil, M.Tech Guided : Two M.Tech. students

13. List of Conferences, Short-term courses etc. organized/participated in during the past 5 years:

S.N.	Title of the course	Organizing Institute / Venue	Duration	Nature of Courses
1.	Developing Personal & Professional Effectiveness	XLRI Jamshedpur	16-24 Dec.2006 (2-weeks)	Short-term course
2.	Technological Excellence through value Engineering	BIT Sindri	7th April 2007 (1-Day)	Workshop Under TEQIP
3.	Wireless Communication & Networks	IIT Kharagpur	14-19May 2007 (1-Week)	Short-term course
4.	Industry Institute Interaction	BIT Sindri & SPFU Ranchi	13-14 July 2007	Workshop Under TEQIP
5.	All Optical Communication Components and Devices	IIT Kharagpur	11-16 Oct.2007 (1-Week)	Short-term course cum workshop
6.	LAB-VIEW	BIT Sindri	7-8 March 2008	Training Cum workshop Under TEQIP
7.	Certified PLC Programmer	Prolific system & Technology Pvt. Ltd. /BIT Sindri	7-12 April 2008 (1-Week)	Training Cum workshop Under TEQIP
8.	Rational Suite	BIT Mesra Ranchi	23-24 Aug.2008	Workshop Under TEQIP
9.	FECIIT-2008	ISMU, Dhanbad	13-15	National Seminar

			Oct.2008	
10.	VLSI & Embedded System	NIT Jamshedpur	6-8 march 2009	Workshop
11.	RTEFPS-09	BIT Sindri	2-3 Nov.2009	National Seminar
12.	Use of computer software 'MATLAB & Multi SIM'	NITTTR Bhopal	9-20Jan.2012 (2-Weeks)	Short-term course
13.	Performance Enhancement Skill	BIT Sindri & ISTE	23-03 Aug.12 (2-weeks)	STTP BIT Sindri & ISTE
14.	Energy and Environment for Sustainability	BIT Sindri	16-17 March 2013	National Seminar
15.	Intellectual Property Rights	BIT Sindri	26 Oct. 2013	National Workshop
16.	Recent Advancement in Manufacturing And Its Management	Institution Of Engineers (INDIA) Local Centre: BIT Sindri	7-8 Feb. 2014	All India Seminar
17.	Geological Exploration by Ground Penetrating Radar	IIT Kharagpur	12-23 May 2014 (2-weeks)	International Summer & Winter Term
18.	Personality Development	BIT Sindri	26 Oct.-6 Nov. 2015 (2 weeks)	Short-term course
19.	5G Secured Smart City	NIT Patna	20-21 March 2017	International Workshop
20.	ICT Skill for teachers	E& ICT Academy, NIT Patna	19-24 June 2017	FDP Meity, Govt. of India
21.	Role of Technical Institutes in Implementation of Community Development Program	NITTR Kolkata (Bhaga Polytechnic BIT Sindri Campus)	28June-7July 2017 (2Weeks)	Short term in house training program
22	HDL for Signals, Image and Video Processing	IIT BHU Varanasi	21-26 August 2017	AICTE Sponsored Short Term Course
23.	Active Learning	IIT Gandhinagar	18-22 June 2018 (one Week)	Summer Training Program Under TEQIP-III
24.	Manufacturing Automation, Robotics & Factory Future	BIT SINDRI	3-7Oct.2018 (one week)	Workshop Sponsored by TEQIP-III
25.	Advanced Industrial Automation using PLC & SCADA	BIT SINDRI	1-5 Nov.2018 (one week)	FDP Sponsored by TEQIP-III
26.	5-G: Enhancing connectivity for Rural Development	BSNL Ranchi	8-9 Dec. 2018	TEQIP-III
27.	2nd Entrepreneurial Conclave	BIT Sindri	11th Dec. 2018	TEQIP-III

28.	Wireless and Mobile Communication	BIT SINDRI	3-7Dec.2018 (one week)	FDP Sponsored by Meity, Govt. India
29.	AI and Machine Learning	BIT SINDRI	17-21Dec.2018 (one week)	FDP Sponsored by Meity, Govt. India
30.	VLSI Chip Design Hands on using open source EDA	BIT SINDRI	8-12July 2019 (one week)	FDP Sponsored by Meity, Govt. India

Key Note address / Invited Talk:

S.N	Topic	Invited Talk/ Key Note address	Date and Place
1.	IoT: New Opportunity	Key Note	21 Oct. 2016 (NCRACSDE-2016) R.V.S. College of Engineering & Technology Jamshedpur
2.	IoT: Opportunity and Challenges	Invited Talk	12 Nov. 2017 (TechKriti-17) B.A College of Engineering & Technology Jamshedpur

Place: Sindri
Date:

ARVIND KUMAR
Assistant Professor
Department of ECE
BIT Sindri