

Faculty Profile

1. Name: Nishant Kumar, Assistant Professor

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B.I.T. Sindri

Dhanbad – 828123

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6. Qualification:

S. No.	Degree(UG, PG, PhD)	Specialization	Institute	Year
1	M. Tech	Communication and Networks	NIT, Rourkela	2015
2	B. Tech	Electronics & Communication Engineering	Biju Patnaik University of Technology, Bhubaneswar	2012



7. Area of Specialization:

Communication and Networks

8. PhD (Guided): NIL

9. Subjects Taught:

I) UG:

1. Computer Communication and Networks
2. Microcontroller and Application
3. Digital Electronics
4. Speech Processing
5. Neural Networks and Fuzzy Logic

II) PG:

1. Advanced Antennas and arrays

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1	Assistant Professor	BIT Sindri	09.01.2023	Till date
2	Assistant Professor	TCET, Mumbai	01.07.2016	01.11.2017
3	Assistant Professor	SPIT, Mumbai	10.07.2015	01.05.2016

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	from	to
1	Core Network Transmission Engineer	Bharat Sanchar Nigam Limited (BSNL)	13/11/2017	08/01/2023

11. Publications:

I) International

Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages

II) International Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1	"Frequency Reconfigurable Microstrip Antenna for Cognitive Radio Applications"	IEEE international conference on communication and signal processing – ICCSP'15		2015	0370 – 0373
2	"Semi Hexagon Microstrip Antenna Integrated With DRA For Cognitive Radio Applications"	IEEE international conference on communication and signal processing – ICCSP'15		2015	0031-0034
3	"Design of Elliptical Antenna For UWB Applications with High Isolation"	IEEE International Conference On Recent Trends In Electronics Information Communication Technology		2016	

II) National Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1	Dual Port Cognitive Radio Antenna Using Tunable Bandpass Filter	International Journal Of Microwave Engineering (JMICO)	Vol.1, No.2	2016	

IV) National Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages

12. Patents (Filed / Granted)

S. No.	Name of the Inventor	Title of the Invention	Application / Patent No. (As applicable)	Year	Status (Filed / Granted)

13. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses
1.	One week ISTE-STTP on Microwave Antennas for wireless Communication	Sardar Patel Institute of Technology, Mumbai	23 th – 27 th Nov. 2015.
2.	IoT Challenge 2016	i3indya Technologies ,IIT Bombay	5 th -6 th Aug. 2016
3.	One day Workshop on IE3D(Hand-On),CST(Demo)	Department of EXTC,SPIT, Mumbai	12 th March 2016

14. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Two day faculty training on ARM,ARM CORTEX and RTOS	07-08 th Aug, 2015	SPIT,Mumbai
2.	Real Time Digital Signal Processing using DSP Processor	13-17 th June 2016	SPIT,Mumbai
3.	Short term training program on Programming languages and soft skills for Engineering and Technology	1-31 th Dec,2016	TCET,Mumbai
4.	One week Vendor course on CPAN Training by M/S UT stracom	26 th Nov – 1 st Dec 2018	NSCBTTC Kalyani

15. Administrative Position Held:

Sl. No.	Position held	Name of Organization	from	to

16. Award / Recognition Bestowed on Faculty (State / National / International)

- **Qualified in** Graduate Aptitude Test in Engineering (GATE) – 2011,2013,2016 in the Subject EC (Percentile: above 99).
- **Qualified** UGC-NET **2015** for the post of **Assistant Professor**.

REVIEWER:

Telecommunication Systems (Springer
publication)

17. Members of Professional Bodies: