

Faculty Profile

1. Name: Gunjan Gandhi, Assistant Professor

2. Department: Electronics & Communication Engineering

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B.I.T. Sindri

Dhanbad – 828123

Jharkhand; India

6. Qualification:

S. No.	Degree(UG, PG, PhD)	Specialization	Institute	Year
1	M. Tech	Telecommunication Technology and Management	IIT Delhi	2012
2	B.E	Electronics & Telecommunication Engineering	BIT, Durg	2009



7. Area of Specialization: Telecommunication Engineering

8. PhD (Guided): NIL

9. Subjects Taught:

I) UG:

1. Signals and Systems
2. Analog & Digital Communication
3. Electromagnetic Field Theory
4. Network Theory
5. Mathematics
6. Control System
7. Digital Electronics

II) PG:

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1	Assistant Professor	BIT Sindri	12.01.2023	Till date
2	GATE Faculty	GATE Coaching	01.07.2015	11.01.2023
3	Assistant Professor	LPU, Jalandhar	July, 2012	June,2015

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	from	to

11. Publications:

I)InternationalJournal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1	Akash Saini and Gunjan Gandhi , "Fine Tuning Approach for Quality of Service in Border Gateway Protocol "	<i>IJAIR</i>	Vol. 2	2013	
2	Md Samil Farouqui ; Vishal Nigam and Gunjan Gandhi, "Evolution of the Routing Protocols from RIP (1969) to OSPF (1998) "	<i>IJARCSSE</i>	vol. 4, Issue 2	Feb. 2014	750-754
3	Vishal Nigam ; Md Samil Farouqui and Gunjan Gandhi, "Enhanced Comparative Study of Networking Routing Protocols "	<i>IJARCSSE</i>	vol. 4, Issue 2	Feb. 2014	742-749
4	Sumit Angrish and Gunjan Gandhi, "Enhancement in Path Diversity Technique in Inter Domain Routing Using Border Gateway Protocol "	<i>IJETT</i>	vol. 11, no. 1	May. 2014	10-13
5	Vishal Chhabra and Gunjan Gandhi,"A Survey on Routing Protocols in Wireless Sensor Network"	<i>IJAIR</i>	vol. 3, Issue. 10	Nov. 2014	195-200

6	Harmanjit Kaur and Gunjan Gandhi, "Performance Analysis of TARF for Wireless Sensor Network"	IJEC	Vol. 3 Issue 4	Apr. 2015	32-36
7	Pooja Archana and Gunjan Gandhi, "A Kalman Filter Optimal Estimator- A Tracker Development Approach"	IJSET	Vol.2 , Issue 3	Mar. 2015	53-57
8	"Harneet Kaur and Gunjan Gandhi, "Survey on Energy Efficient Algorithms for AODV"	IJERT	vol. 4, Issue 4	Apr. 2015	1100-1105

II) International Conference:

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

II) National Journal:

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

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)
1					

13. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses

14. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute

15. Administrative Position Held:

Sl. No.	Position held	Name of Organization	from	to
1	Course Coordinator	Lovely Professional University	August, 2012	June, 2015
2	Chief Examiner	Lovely Professional University	November, 2012	June, 2015
3	Placement Coordinator	Lovely Professional University	August, 2013	June, 2015
4	State head for Chhattisgarh admission team	Lovely Professional University	April, 2013	August, 2014

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

- **Qualified in** Graduate Aptitude Test in Engineering (GATE) - 2010. All India rank was 429 in the Subject EC (Percentile: above 99.5).
- **Qualified in** Graduate Aptitude Test in Engineering (GATE) – 2018 in the Subject EC (Percentile: above 99).
- **Secured first rank in the class in Xth and XIIth standard.**
- **Teaching Assistantship (TA)** from Indian Institute of Technology (Delhi), Delhi, India.

17. Members of Professional Bodies: