



Profile

Name	Vinita Sahu
Designation	Assistant Professor (Part Time)
Area of Interest	Artificial Neural Networks, Image Processing
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Qualification

- M.Tech (Instrumentation and Control Engineering) – NSIT, Delhi University, Dwarka, New Delhi – June 2009
- B.E. (Electronics & Telecommunication Engineering)- Pt. Ravishankar University, Raipur, C.G., India – June 2003

Experience

- Assistant Professor (Part Time Lecturer) – GEC Raipur- 25-10-2021 to Till date
- Assistant Professor – (Part Time Lecturer) – GEC Raipur- 15-07-2017 to 30-04-2019.
- Reader - Rungta College of Engineering & Technology, Raipur, Chhattisgarh as Assistant Professor from 1-06-2010 to 8-12-14.
- Assistant Professor - Dronacharya College of Engineering, Gurgaon, Haryana as Assistant Professor from 21-02-2009 to 03-04-2010.
- Lecturer & Sr. Lecturer - Datta Meghe College of Engineering, Mumbai, Maharashtra from 02-09-2003 to 31-08-2007.

Course Handled

- Automatic Control Systems
- Tv Engineering
- Sensors and Transducers.
- Enterprise Resource Planning
- Wireless communication
- Linear Integrated Circuits and Applications
- Network Analysis and Synthesis.
- Digital Electronics
- Analog & Digital Communication Systems.
- Digital Signal Processing.
- Electronic Devices and Circuits.
- Design of Electronic Circuits
- Telecommunication Switching and Computer Networks.

Research and Consultancy

- Nil

Conference/workshop/FDP

Program attended

- Certification of IBM Certified Associate Developer -- Rational Application Developer for Web Sphere Software V6.0 Candidate. Qualified AIMCET-03 (All India MCA Common Entrance Test) with 93.83 percentile.
- National Conference on Sunrising Technologies, a 4 session online Video Conferencing program, held at Parshvanath College of Engineering, Thane, in Nov. 2006
- National Conference at Dronacharya College of Engineering, Gurgaon in topic "4G Technologies" held on 24th May 2009
- Published paper in "Dronacharya Research Journal" an International Journal, in July 2009 issue, titled "Neural Network Based Character Recognition" with an ISSN 0975-3389.
- Attended 1 week workshop on "Instrumentation and Signal Processing" at NIT, Jalandhar, Punjab sponsored by Ministry of Human Resource Development and All India Council of Technical Education, New Delhi from 11-01-2010 to 15-01-2010.
- Attendend 2 days workshop in SSCET, Bhilai on "Research Avenues of Digital Image Processing in Context to Medical Imaging" Sponsored by Computer Society of India, Chennai from 30-03-2011 to 31-03-2011.

List Of Publications

Papers presented in Conferences, Seminars, Workshops, etc.

S. No.	Title of the Paper presented	Conference/Seminar	Organized by	Whether international /national
1.	Evolution of 4G Technology	National Seminar on Emerging Trends in Communication Technology	Dronacharya Collage of Engineering & Technology	National
2.	A new technique of synthesizing chebyshev like low steerable side lobe beam patterns for 3G wireless systems	National seminar on sun-rising communication technologies (NSSRCT-10)	Dronacharya Collage of Engineering & Technology	National
3.	Intelligent Personal Authentication Using Palm Print Features	Shashtrarth-2014	Rungta Collage of Engineering & Technology	International
4.	Review: 4D Ultrasound Imaging in Fetal Cardiology: A New Look at the Fetal Heart	Shashtrarth-2014	Rungta Collage of Engineering & Technology	International

Research Papers Published in Journals/ Periodicals/Conference Proceedings, etc.

S. No.	Title of Paper with page nos.	Journal / Conference Proceeding	Refereed / Non-Refereed	ISSN/ISBN No.
1.	Neural Network based character recognition (126-130)	Dronacharya Research Journal	Non-Reffered	ISSN 0975-3389
2.	Performance Evaluation of Principal Component Analysis Based Face Recognition System and Classifiers	International Journal of Advanced Research in Computer Engineering & Technology Volume 1, Issue 1, March 2012	Reffered	ISSN 2278-1323 (Online)
3.	An improved technique of face recognition under light variation by utilizing its principal components	International Journal of Computing and Business Research (IJCBR)	Reffered	ISSN 2229-6166 (Online)
4.	A Survey Based Study of Indian Language Speech Database for Speaker Recognition	Taraksh Journal of Computing and Networks	Volume 1 Issue 1	Non-Reffered

Additional Responsibilities

- Incharge of Network Analysis and Synthesis, Digital Electronics, Transducers Lab at Datta Meghe College of Engineering, Navi Mumbai.
- Incharge of different cultural events such as Welcome of chief guest, Mehendi competition, Dare or truth, Tongue twister and Stage Decoration Committee during the cultural programs during three consecutive years at Datta Meghe College of Engineering, Navi Mumbai.
- Member and incharge of Anti-Ragging Committee at Datta Meghe College of Engineering, Navi Mumbai.
- Incharge of Sensors and Transducers lab at Dronacharya College of Engineering, Gurgaon.
- Incharge of Website Updation Committee of Electronics Engineering Department at Dronacharya College of Engineering, Gurgaon.
- Incharge of Result analysis team of Electronics and Telecommunication Department at Dronacharya College of Engineering, Gurgaon.
- Incharge of Girls Discipline and Stage Decoration Committee during the cultural programs at Dronacharya College of Engineering, Gurgaon.
- Member of Anti-Ragging Committee at Dronacharya College of Engineering, Gurgaon.
- Worked as Departmental Incharge in Rungta College of Engineering & Technology, Raipur.
- Incharge of sessional marks of student of III, V and VII semester in Rungta College of Engineering & Technology, Raipur.
- Incharge of Result analysis team of Electronics and Telecommunication Department at Rungta College of Engineering & Technology, Raipur.
- Incharge of Time Table & Engagement team of Electronics and Telecommunication department at Rungta College of Engineering & Technology, Raipur.
- Worked as time table incharge of first semester (Central Team) in Rungta College of Engineering & Technology, Raipur.
- Department incharge (Incharge Head of the Department) of Electronics and Telecommunication department in Rungta Collage of Engineering & Technology, Raipur.