

Dr. Chandrakant P. Navdeti

Assistant Professor

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Research Interest

Wireless Communication and Computing, Wireless Sensor Network, Vehicular Ad-Hoc Networks, Network Security

Courses Taught

Sr. No.	Title of course Taught	Under graduate/ Post graduate
1	Cryptography and Network Security	Under graduate
2	Ethical Hacking and Cyber Law	Under graduate
3	Database Management System	Under graduate
4	Object Oriented Programming	Under graduate
5	Cloud Computing	Under graduate
6	Coding Theory	Under graduate
7	Net-Centric Computing	Post graduate
8	Advanced Trends In Database Management System	Post graduate
9	Information and Wireless Network Security	Post graduate
10	Data Security	Post graduate

Educational Background

- Ph.D. (*Information Technology*) (2024)
Indian Institute of Engineering Science and Technology, Shibpur, Howrah, West Bengal, India
- M. Tech. (*Information Technology*) (2008)
Indian Institute of Information Technology, Allahabad, Uttar Pradesh, India
- B.E. (*Information Technology*) (2006)
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Experience

Academic

- Working as an Assistant Professor, Department of Information Technology, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, Maharashtra, India, since July 2009.

Administrative

Department Level

- Incharge, Software Development Laboratory from July 2009.
- Coordinator, Department Practical Examination from 2010 to 2016.
- Class Coordinator and Project Coordinator for B. Tech Final Year 2023-2024.
- Class Coordinator and Seminar Coordinator for B. Tech Third Year 2022-2023.
- Class Coordinator for B. Tech Third Year 2024-2025.
- Departmental T&P Incharge 2022-2023.
- Secretary, Department Finance Committee from December 2024.
- Member, Department Research and Development Committee (DRDC) from December 2024.
- Member, Department Doctoral Scrutiny Committee (DRDC) and EMC Committee from January 2025.

Institute Level

- Exam Coordinator, Summer Term-2010.
- In-charge, Account Section MIS from 2010 to 2016.
- Member, Institute Level Network Committee from 2011 to 2016.
- Member, Institute Website Committee from 2011 to 2016.
- Coordinator, AICTE web portal and DTE web portal for extension of approval, Increase in Intake, Introduction of New Courses from 2010 to 2016.
- Coordinator, Institute AICTE web portal for submission of AICTE AQIS applications from 2010 to 2016.
- Coordinator, Institute AICTE web portal for submission of PG Scholarship of GATE qualified students from 2010 to 2016.
- Executive Body Member, SGGS Engineers Alumni Association from 2012 to 2022.
- ARC Officer, F.Y. B. Tech. and Direct Second Year Admission 2010-11, 2012-13, 2021-22, 2023-24.
- Member, Monitoring and Evaluation Committee in TEQIP Phase-II from 2012-2016.
- Exam Coordinator, End Term and Summer Term of Sem-I and Sem-II for ACY 2014-15.
- Coordinator, Departmental Gen-IT Event of PRAGYAA-2015.
- In-charge, Website Committee (PRAGYAA-2013 and Utsav 2013).

- Incharge, Online Registration and Website Committee of Alumni Meet-2014.
- Coordinator, Event Affairs Committee of PRAGYAA-2020.
- Exam Coordinator, Mid Term, End Term of Sem-II for ACY 2020-21.
- Member, Institute Student Fee Concessions/Fee Waiver Committee from 2021 to Till Date.
- Exam Coordinator, Mid Term and End Term of Sem-I for ACY 2021-22.
- Exam Coordinator, Mid Term and End Term of Sem-I and Sem-II for ACY 2022-23.
- Member, Institute Discipline Committee from 2023 to Till Date.
- Member, Stage Decoration, Inauguration and Valedictory Function Committee at Alumni Meet-2022, Alumni Meet-2023.

Outside of the Institute

- Technical Expert, E-Governance system held for scrutiny of applications for Extension of Approval / Introduction of New Courses / Increase in Intake at AICTE (SWRO) Bangalore, AICTE (SRO) Chennai, AICTE (CRO) Bhopal and Compliance report at AICTE Head Office, Delhi.
- Technical Expert, J&K Admission-2014 at Srinagar through AICTE, Delhi.
- Sub District Laisoning Officer, MHTCET-2015 Examination at Nanded District.
- Counseling Officer and Oxygen Auditor during COVID-19.
- Venue Officer, MHTCET Online Examination-2020 at Gramin College of Engineering, Vishnupuri, Nanded.
- Venue Officer, MHTCET Online Examination-2023 at Horizon Discovery Academy (International School), Vishnupuri, Nanded.
- Observer, F.Y. Mtech Admission Online Examination (PGCET-2014) at MGM's College of Engineering, Nanded.
- Master Trainer, Loksabha-2024 and Vidhansabha-2024.
- Member, Board of Studies for various Institute/University.

International Level

- Coordinator, MOU signed between SGGS Institute of Engineering and Tech. Nanded with University Technology Petronas, Malaysia.

Membership

- IET Membership
- ISTE Lifetime Membership
- IEEE Membership
- ACM Membership

Achievements

- Awarded in the top 35 Scientist at AD Scientific Index World Ranking-2023.

Thesis Supervised

- M. Tech. 26 completed 01 in progress
- B.Tech. 110 Completed 09 in progress

Publications

- Chandrakant P. Navdeti, Indrajit Banerjee, Chandan Giri, Privacy preservation and secure data sharing scheme in fog based vehicular ad-hoc network, Journal of Information Security and Applications, Volume 63, 2021, 103014, ISSN 2214-2126, <https://doi.org/10.1016/j.jisa.2021.103014>. (<https://www.sciencedirect.com/science/article/pii/S2214212621002180>)
- C. Navdeti, C. Giri, I. Banerjee, Distributed alpha-fair transmit power adaptation based congestion control in vanet, in: Proceedings of the 20th International Conference on Distributed Computing and Networking, ICDCN '19, ACM, New York, NY, USA, 2019, pp. 253–260. doi:10.1145/3288599.3288606
- C. Navdeti, I. Banerjee and C. Giri, "Roadside Unit Deployment for Coverage Improvement in Vehicular Ad-hoc Network," 2022 IEEE India Council International Subsections Conference (INDISCON), Bhubaneswar, India, 2022, pp. 1-6, doi: 10.1109/INDISCON54605.2022.9862882.
- Agrawal, E., Navdeti, C. (2022). Improving the Prediction of Traffic Flow in the Airport System Using Machine Learning, Advanced Energy and Control Systems. Lecture Notes in Electrical Engineering, vol 820. Springer, Singapore. https://doi.org/10.1007/978-981-16-7274-3_24
- Munshi, S.F., Navdeti, C.P. (2022). A New Approach for Acute Lymphocytic Leukemia Identification Using Transfer Learning International Conference on Artificial Intelligence and Sustainable Engineering. Lecture Notes in Electrical Engineering, vol 836. Springer, Singapore. https://doi.org/10.1007/978-981-16-8542-2_6
- Ashwini Ramesh Gundekar, Chandrakant Navdeti, "Driver Drowsiness Fatigue Detection Using Deep learning", Journal of Information and Computational Science, Vol 2, 222-229, 2022.
- Priya Pradeep Barhalikar, Chandrakant Navdeti, B.S. Shetty, "STOCK MARKET FORECASTING USING HYBRID DEEP LEARNING APPROACH", European Chemical Bulletin, Vol 12, 3003-3010, 2021.
- Chandrakant P. Navdeti and, Santosh Shingare, "Coverage, Network Connectivity and Information generation in WSN", International conference on Science, Engineering and Spirituality, ICSES'10 at S.E.S. College of Engineering, Navalnagar, April 1-2, 2010.
- Priya P. Sharma, Chandrakant P. Navdeti, "Securing Big Data Hadoop: A Review of Security Issues, Threats and Solution", International Journal of Computer Science and Information Technologies, Vol 5, 2126-2131, 2014.
- Priya P. Sharma, Chandrakant P. Navdeti, "I-RBAC (Managing Identities with Role Based Access Control) for Private Cloud", International Journal Of Scientific Research and Education, Vol 2,1172-1184, 2014.
- Sushilkumar Yadav, Chandrakant Navdeti, "An Approach To Automate Security Assesment For Web Applications", International Journal Of Scientific Research and Education, Vol 2, 1162-1171, 2014.

- Sushilkumar Yadav, Chandrakant Navdeti, “Survey: Secured Techniques for Vulnerability Assessment and Penetration Testing”, International Journal of Computer Science and Information Technologies, Vol 5, 5132-5135, 2014.

Courses / Workshops Attended

Sr. No.	Name of Course	Organization Location	Type of Course	Duration	No. of Days
1	Recent Trends in Advanced Image Processing	G. H. Raisonni COE, Nagpur	ISTE	23/11/2009 to 27/11/2009	5 (1 Weeks)
2	Mission 10X Workshop	SGGSIET, Nanded	ISTE	30/11/2009 to 04/12/2009	5 (1 Weeks)
3	STTP on Mobile Application Development	Smt. Kashibai Navale COE, Pune	ISTE/AICTE	28/06/2010 to 02/07/2010	5 (1 Weeks)
4	Workshop on Database Management System	VNIT Nagpur	ISTE/MHRD	13/12/2010 to 23/12/2010	11 (2 Week)
5	Recent Advances in Speech, Image and Video Processing	SGGSIET, Nanded	AICTE	12/12/2011 to 23/12/2011	12 (2 Week)
6	Analytical Techniques for Applied Research	SGGSIET, Nanded	TEQIP II	21/01/2013 to 25/01/2013	5 (1 Weeks)
7	Research Methodology: Tools and Techniques	SGGSIET, Nanded	TEQIP II	11/03/2013 to 15/03/2013	5 (1 Weeks)
8	Wireless Sensors and Their Applications	SGGSIET, Nanded	TEQIP II	18/03/2013 to 22/03/2013	5 (1 Weeks)
9	Emerging Trends in Nanoscience and Nanotechnology	SGGSIET, Nanded	TEQIP II	06/08/2013 to 10/08/2013	5 (1 Weeks)
10	Advanced Wireless and Mobile Network Technologies	NIT, Warangal	TEQIP II	03/10/2013 to 07/10/2013	5 (1 Weeks)
11	Biomedical Signal Processing	SGGSIET, Nanded	TEQIP II	30/03/2015 To 03/04/2015	5 (1 Weeks)
12	Matlab in Research and Data Analytics	SGGSIET, Nanded	TEQIP II	02/05/2016 to 07/05/2016	5 (1 Weeks)
13	RECENT ADVANCES IN MODELLING & COMPUTATIONAL TECHNIQUES IN APPLIED MATHEMATICS	IEST, Shibpur	National Workshop	20/11/2017 to 24/11/2017	5 (1 Weeks)
14	Advanced Wireless Networks: From 5G to	IEST, Shibpur	MHRD	18/12/2017 to 22/12/2017	5 (1 Weeks)

	Cognitive Radio				
15	ADVANCED WIRELESS NETWORKING & HANDS ON PROTOCOL SIMULATION	B. D. College of Engineering, Wardha	ISTE	26/10/2015 to 30/10/2015	5 (1 Weeks)
16	FDP on LaTeX	A. P. Shah Inst. Of Tech. Thane	ISTE	27/04/2020 to 02/05/2020	6 (1 Weeks)
17	Cybersecurity and Its Ten Domains	Kennesaw State University	COURSERA	30/03/2020 to 28/04/2020	30 (1 Month)
18	Network Security & Database Vulnerabilities	IBM	COURSERA	01/05/2020 to 29/05/2020	30 (1 Month)
19	One week online fdp on "Signal, Image & Video Processing: A Practical Approach (SIVAPPA-2020)"	GCOE, Karad	TEQIP	26/05/2020 to 30/05/2020	5 (1 Weeks)
20	One Week Online Workshop on "Next Generation Tools & Trends for Industrial Solutions: Current Practices"	GCOE, Aurangabad	TEQIP	13/06/2020 to 17/06/2020	5 (1 Weeks)
21	One Week Online FDP on Educational Video Creation (E-Content Development)	Toshniwal Art, Commerce & Science College Sengaon	University Sponsored	22/06/2020 to 25/06/2020 and 28/06/2020 to 29/06/2020	5 (1 Weeks)
22	One week online fdp on "Challenges and Opportunities in Recent Emerging Technologies"	SGGSJET, Nanded	TEQIP	06/07/2020 to 10/07/2020	5 (1 Weeks)
23	One Week International FDP on POST Pandemic Scenario Building Using AI, ML and Optimization Techniques	KDK COE, Nagpur	CSI	10/07/2020 to 14/07/2020	5 (1 Weeks)
24	AICTE Sponsored Two Week Online FDP on "Implementation of Artificial Intelligence for solving digital signal & Image processing problem"	Vidya Jyothi Institute of Technology, Hyderabad	AICTE	16/11/2020 to 28/11/2020	12 (2 Weeks)
25	TEQIP-3 Sponsored Internet of Thing (IoT) course	IIT, Bombay	TEQIP	23/11/2020 to 27/11/2020	5 (1 Weeks)
26	International Webinar on Machine Learning in Healthcare	IIEEST, Shibpur	INI Sponsored	07/12/2020 to 11/12/2020	5 (1 Weeks)

27	Data Analytics and Its Applications in Industries	IIT BHU	AICTE	14/12/2020 to 26/12/2020	13 (2 Weeks)
28	Two Week Industrial training on IIOT	NSIC, Ltd. Hyderabad	GOI	01/06/2021 to 15/06/2021	16 (2 Weeks)
29	Universal Human Values and Professional Ethics	SGGSIET, Nanded	TEQIP	14/06/2021 to 19/06/2021	5 (1 Weeks)
30	Cyber Security Challenges and Practices (CSCP-2022)	Rajkiya Engineering College, Sonbhadra	University	28/11/2022 to 02/12/2022	5 (1 Weeks)
31	Java Application Development for Innovative Products	SGGSIET, Nanded	AICTE/IDEA Lab	30/10/2023 to 03/11/2023	5 (1 Weeks)
32	Industry 5.0 for Society 5.0	VIIT, Pune	IEEE Comm. Society	18/03/2024 to 22/03/2024	5 (1 Weeks)
33	Two Week Industrial Training In Amazon Web Services	NSIC, Ltd. Hyderabad	GOI	25/02/2025 to 11/03/2025	15 (2 Weeks)
34	ATAL FDP on Cyber Security and Intrusion Detection Forensics	DON BOSCO Inst. Of Tech. Mumbai	AICTE	20/01/2025 to 25/01/2025	6 (1 Weeks)
35	AI/ML for Healthcare and IoT Applications	SRTMU, Nanded	AICTE	06/01/2025 to 11/01/2025	6 (1 Weeks)
36	Advances in Artificial Intelligence for Autonomous Vehicles	Manipal Academy of Higher Education	AICTE	10/02/2025 to 15/02/2025	6 (1 Weeks)

Professional Activities

Reviewer

- IEEE Internet of Thing Journal.
- Journal of Cloud Computing.
- SEAS Transactions and International Conference On Recent Advances in Technology & Management (ICRATM-2025).

Miscellaneous

- Languages: Marathi, Hindi and English.
- Skills: C, C++, NS2
- Personal Interests: To Play Cricket, Chess.