

FACULTY PROFILE

Name : **Prf. Smita Gour**



Designation : Assistant Professor
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Researcher ID (Web of Science) : --
Google Scholar ID : 9UGVoMAAAAJ

Qualification : B.E(CSE), M.Tech(CSE)

Professional Experience

Teaching experience : 17 Years
Industry experience : -

Administrative Responsibilities

1. Board of Examination during 2014 to 2016
2. Board of Examination during 2023-24
3. Inter Department Robotics lab establishment coordinator

Teaching

No. of Projects Guided

UG : 25
PG : 08

Research

Interest Area :
1. Machine Learning
2. Image processing
3. Artificial Intelligence
4. Robotics
5. Soft Computing

No. of Research Scholars

Pursuing : --
Awarded : --
Patents : --

Research Grants : --

Publications : 1. *“Multi Class Support Vector Machine Based Household Object Recognition System Using Features Supported by Point Cloud Library”, Proceedings of Congress on Intelligent Systems (World Conference)*
Books/Chapters

Journals (with citations) : 1. *“A Genetic Algorithm Based Technique for Face Detection”, International Journal of Latest Trends in Engineering and Technology (IJLTET).*
2. *“An Exploration of Deep Learning in Recognizing Household Objects”, Grenze International Journal of Engineering and Technology, Special Issue*
3. *Shuchi 1.0: Robotic System For Automatic Segregation of Waste & Floor Cleaning. International Research Journal on Advanced Science Hub, 4(2), 31-37.*
4. *“A Novel Uncertainty-Aware Evidential Multimodal Deep Learning for RGB-D Household Object Recognition”, Journal of Information Systems Engineering and Management 2025, 10(17s)*
5. *“A Genetic Algorithm Approach to Segment Household Objects from an Image”, Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 32 No. 7s (2025) 46*

Conferences : 2. *“LVQ-neural network based signature recognition system using wavelet features”, Springer Lecture Notes in Electrical Engineering, Volume 222 LNEE, Year 2013, Pages 1-13*
3. *“Offline signature recognition system using radon transform”, Proceedings - 2014 5th International Conference on Signal and Image Processing, ICSIP 2014, Year 2014, Pages 56-61*
4. *“Euclidean distance based offline signature recognition system using global and local wavelet features”, roceedings - 2014 5th International Conference on Signal and Image Processing, ICSIP 2014, Year 2014, Pages 87-91*
5. *“A novel machine learning approach to recognize household objects”, International Conference on Signal Processing, Communication, Power and*

Invited Talks : 1. *Guest Lecturer to Basaveshwar Polytechnique, Bagalkot*
2. *Resource person in FDP on Machine Learning Conducted by Basaveshwar Engineering College, Bagalkot*
3. *Resource person in NASCOM Future skills SDPon ML&AI*

Events Organized : --

Symposiums/ Workshops/ Training Programs Attended : 1. *Research Issues In Information Technology, Feb 26-28, 2009, SPFU-TEQIP, BEC, Bagalkot*
2. *Soft Computing Approaches To Image Processing and Pattern Recognition , March 20-24, 2010, VGST & TEQIP, BEC, Bagalkot.*
3. *Intelligent Instrumentation and Robotics, March 26-30, 2012, VGST & TEQIP, BEC, Bagalkot*
4. *Distributed and Cloud Computing, April 15-17, 2013, TEQIP, BEC, Bagalkot*
5. *Recent Advances in Wireless Networks, May 16-18, 2013, TEQIP, BEC, Bagalkot*
6. *Soft and Evolutionary Computing Techniques and Its Applications, 30th may-1st June, 2013, TEQIP, BEC, Bagalkot*
7. *Research Issues in Distributed Sensor Networks, Aug 22-24, 2013, TEQIP, BEC, Bagalkot*
8. *FDP on Padagogi, During-2015, IIT, Chennai*
9. *FDP on Machine Learning, During 2015. IIIT, Dharawad*
10. *Sci-Lab Workshop, May-4, 2019, Teaching Learning Centre Online, BLDEA, Vijayapur*
11. *PadhAI - Deep Learning course, April to Aug-2019, IIT Chennai, MOOC- An online course offered by One Fourth Labs*
12. *Current Trends And Research Opportunities In Information Technology" organized by Department of Computer Science and Engineering, Tontadarya College of Engineering, Gadag*
13. *Transformation In Teaching Learning Process, Online, from 14-02-2020 to 06-03-2020*
14. *e-Yantra, Lab Setup Initiative (eLSI)-A task based training, Online, 04-03-2020 to 16-03-2020*
15. *e-Yantra Lab Setup Initiative (eLSI) workshop , matrushri engineering college, Hyderabad conducted by IIT Bombay, eyantra team from 28-02-2020 to 29-*

02-2020

16. 5 days Online Workshop on Artificial Intelligence: Theory & Application from 25th July to 29th July 2020 on 21st July 2020 at 11:00 AM jointly organised by State Project Implementation Unit- Uttar Pradesh & KNIT Sultanpur.
17. Webinar based Faculty Enablement Program on Python using INFYTQ Platform conducted by Infosys
18. Two days' E-workshop on "AICTE-Examination Reform Policy" held on 29th and 30th, April, 2020. Basaveshwar Engineering College (Autonomous),
19. 3 Days Faculty Development Program conducted By Department of Computer Science and Engineering on Topic "Cyber Security and Blockchain Technologies", From 13th to 15th July 2020
20. Concepts, Methods, Challenges and Future directions in Medical image, analysis using Machine learning", Online, 10-08-2020 to 14-08-2020
21. Android Deveopment with Kotlin organized by Google Developers (Online). 29th nov 2021 to 4th dec 2021
22. FDP on Deep Learning (NPTEL), Jan-Apr 2021
23. FEP in Wipro Bangalore, 4th to 22nd October 2021
24. FDP on Outcome Based Education (OBE), 30-9-2023 to 1-10-2023
25. Empowering Future of AI with Quantum Computing: Insights and Applicaions, organised by VNR Vignana Institute of Engineering and Technology, Hyderabad, 23rd to 28th december 2024

And many more....

Awards and Honors

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1. Secured first position and won cash price in competition of MHRD sponsored Robotics Lab initiative conducted by E-Yantra IIT, Bombay