

<b>Name</b>	<b>Dr. VIJAY M GALSHETWAR</b> <b>BE (EXTC), M.Tech (Electronics), PhD.</b> <b>(Computer Vision)</b>
Designation	Assistant Professor
Department	Electronics & Telecommunication Engineering
Date of Joining the Institute	10/11/2016
Education	Ph.D in Computer Science and Engineering from Punjab Engineering College (Deemed to be University), Chandigarh. January 2024.
	M.Tech in ELECTRONICS from V. J. T. I. MUMBAI, July 2014.
	Graduation in ELECTRONICS AND TELECOMMUNICATION from S. S. G. M. C. E. SHEGAON/ S. G. B. A. U. Amaravati, June 2011.
Branch / Specialization	Computer Vision
Areas of Interest / Research Interest	Computer Vision, Video Dehazing, Image/Video Restoration, Artificial Intelligence and Machine Learning (AIML)
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#### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 10/11/2016 to till date</b>	<b>Assistant Professor</b>
<b>V. J. T. I. MUMBAI</b>	<b>From 07/07/2015 to 31/10/2016</b>	<b>Assistant Professor</b>
<b>Total Experience – 8 Years 5 Months</b>		

## Awards / Honors / Prizes

1. Received **Best Poster Award** held at Punjab Engineering College (Deemed to be University), Chandigarh, **on National Technology Day**, May 2023.

## Papers Published

### Papers Published in National / International Journals - 05

#### International Journals – 05

1. Paper titled **“Dual stream Recurrent Feature sharing Network for Video Dehazing” published** in International Journal of Machine Learning and Cybernetics, 2023 (SCI Indexed, I.F. 5.6) (ISSN: 1868-8071).
2. Galshetwar, V.M., Chaudhary, S. and Saini, P., 2023. **Cross-stage recurrent feature sharing network for video dehazing**. Expert Systems with Applications, p.122592. (SCI Indexed, I.F. 8.5) (ISSN: 1873-6793).
3. Galshetwar, V.M., Patil, P.W. and Chaudhary, S., 2023. **Lrnet: lightweight recurrent network for video dehazing**. Signal, Image and Video Processing, 17(4), pp.1475-1483. (SCI Indexed, IF: 2.3).
4. Galshetwar, V.M., Jeyakumar, A. and Tayade, M.R., 2014. **An energy efficient and reliable clustering algorithm for wireless sensor actor network**. International Journal of Computer Engineering and Applications, 6(3), pp.159-167. (UGC approved).
5. Tayade, M.R., Jeyakumar, A., Kore, A.B. and Galshetwar, V.M., 2014. **Real Time Eye State Monitoring System for Driver Drowsiness Detection**. International Journal of Emerging Technology and Advanced Engineering, 4(6), pp.452-6.

### Papers Presented/Published in National/ International Conferences - 05

#### International Conferences – 05

1. Galshetwar, V.M., Kulkarni, A. and Chaudhary, S., 2022, November. **Consolidated Adversarial Network for Video De-raining and De-hazing**. In 2022 18th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS) (pp. 1-8). IEEE.
2. Galshetwar, V.M., Patil, P.W. and Chaudhary, S., 2021, December. **Single frame-based video dehazing with adversarial learning**. In International Conference on Computer Vision and Image Processing (pp. 36-47). Cham: Springer International Publishing.
3. Galshetwar, V.M., Patil, P.W. and Chaudhary, S., 2021, December. **Video Enhancement with Single Frame**. In International Conference on Computer Vision and Image Processing (pp. 206-218). Cham: Springer International Publishing.
4. Galshetwar, V.M., Jeyakumar, A. and Tayade, M.R., 2014. **An energy efficient and reliable clustering algorithm for wireless sensor actor network**. International Journal of Computer Engineering and Applications, 6(3), pp.159-167.

5. Nanda, E.S., Galshetwar, V.M., Chaudhary, S. (2022). **Residual Inception Cycle-Consistent Adversarial Networks**. In International Conference on Computer Vision and Image Processing (pp. 415-425). Cham: Springer International Publishing.

#### Number of Workshops, Seminars, STTPs, FDPs Attended – 15

##### STTP / FDPs

1. Coordinated and attended **one week DST SERB-sponsored High-End Workshop (Karyashala)** on **"CRYPTO CURRENCY AND BLOCKCHAIN TECHNOLOGY"** Conducted during **10<sup>th</sup> July to 15<sup>th</sup> July, 2023** organized by Computer Science Engineering Department, Punjab Engineering College (Deemed to be University), Chandigarh.
2. Completed **AICTE Training and Learning (ATAL) Academy Online Elementary FDP** on **"Data Science"** conducted during **7<sup>th</sup> June to 11<sup>th</sup> June 2021** organized by Computer Science Engineering Department, Punjab Engineering College (Deemed to be University), Chandigarh.
3. Completed **One-week Online Faculty Development Program (FDP)** on **"Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes"** conducted during **8<sup>th</sup> June to 12<sup>th</sup> June 2020** organized by Department of Mechanical Engineering, Finolex Academy of Management and Technology, Ratnagiri.
4. Completed **One-week Online Faculty Development Program (FDP)** on **"Higher Education 2020: Requirements and Expectations"** conducted during **8<sup>th</sup> July to 12<sup>th</sup> July 2020** organized by Terna Public charitable Trust's College of Engineering, Osmanabad.
5. Completed **AICTE-ISTE approved Induction/Refresher program** on **"Digital Image Processing – Issues, Challenges and Research Avenues"** conducted during **4<sup>th</sup> June to 8<sup>th</sup> June 2018** organized by Finolex Academy of Management and Technology, Ratnagiri, Maharashtra.
6. Completed **AICTE approved Faculty Development Program (FDP201x)** on **"Pedagogy for Online and Blended Teaching-Learning Process"** conducted during **3<sup>rd</sup> May to 30<sup>th</sup> May 2018** conducted by Indian Institute of Technology Bombay.
7. Completed **AICTE approved Faculty Development Program (FDP101x)** on **"Pedagogy for Online and Blended Teaching-Learning Process"** conducted during **8<sup>th</sup> March to 12<sup>th</sup> April 2018** conducted by Indian Institute of Technology Bombay.
8. Completed **AICTE-ISTE approved Induction/Refresher program** on **"Designing IOT based Applications for Smart Cities"** conducted during **29<sup>th</sup> January to 2<sup>nd</sup> Feb 2018** organized by Finolex Academy of Management and Technology, Ratnagiri, Maharashtra.
9. Completed **One Week AICTE sponsored QIP Programme** on **"Biomedical Instrumentation & Signal Processing"** conducted during **29<sup>th</sup> Feb to 5<sup>th</sup> March 2016** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai.
10. Completed **AICTE sponsored (Under QIP) one week Faculty Development Program** on **"Advances in Wireless Communication (AWS)"** conducted during **3<sup>rd</sup> Feb to 7<sup>th</sup> Feb 2014** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai.

### Conferences and Seminars

1. Attended online **18th edition of the IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS-2022)** organized by Universidad Autónoma de Madrid, Spain, from 29<sup>th</sup> November to 2<sup>nd</sup> December 2022.
2. Attended **Sixth IAPR International Conference on Computer Vision & Image Processing (CVIP2021)** organized by Indian Institute of Technology Ropar, Punjab, from 3<sup>rd</sup> to 5<sup>th</sup> December 2021.

### Two Week or One Week Workshops

1. Completed **One Week Workshop of courseware, practical training and evaluations** for **"Instructional Excellence in Intelligent Systems"** under the Intel College Excellence Program conducted in Finolex Academy of Management and Technology, Ratnagiri from 29<sup>th</sup> January to 1<sup>st</sup> February 2018.

### Workshops

1. Completed a Two-Day Saptahaant Shikshak Prashikshan on **"Introduction to Machine Learning"** conducted by the **Indian Institute of Technology Kharagpur** from **16<sup>th</sup> to 17<sup>th</sup> December 2017**.
2. Completed a Two days workshop on **"Intellectual Property Rights (IPR)"** conducted during **24<sup>th</sup> to 25<sup>th</sup> March 2018** organized by the **Research, Development & Consultancy Committee**.

### Certification Course / Refresher Courses completed - 2

1. Completed Online NPTEL Swayam Course on **Deep Learning** conducted during August to December 2020.
2. Completed Online NPTEL Swayam Course on **Principles of Communication Systems-1** conducted during January to April 2018.

### Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

### Other Experience

### Paper Reviewer/ BOS Member/ Editorial Board Member

1. Working as a **Paper Reviewer** of **IEEE Transactions on Neural Networks and Learning Systems** since / period (from-to) 30<sup>th</sup> Nov 2023.

### College Level Administrative Responsibilities

1. Worked as Coordinator of Add-on Course on "**Machine Learning: Algorithms and Applications**" organized by Department of Electronics & Telecommunication Engineering under Center of Excellence in Computer Vision and IETE student forum (ISF), Finolex Academy of Management & Technology, Ratnagiri.
2. Worked as a Coordinator of **Microsoft Certification Program** of ATS Infotech Learning Solutions.

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Wireless Network	BE (Sem - VIII)	4 Years
2.	Mobile Communication	BE (Sem - VII)	3 Year