

A.V.S. DEEPAK

Assistant Professor
Dept. of Electronics and communication engineering
F.E.T. M.J.P. Rohilkhand University
deep.adiraj@gmail.com
9550528029



Career objective

To be associated with an institute, that facilitates an efficient learning environment, enabling me to grow by sharing and providing me opportunities to test my ability and performance in doing so.

Professional Qualification

Pursuing Ph.D.

Course	Institute/University	Specialization/ Stream	Grade/ Percentage	Year of passing
Ph.D. (Pursuing)	(N.I.T Kurukshetra)	ECE	NA	Pursuing
M.Tech.	(N.I.T Kurukshetra)	ECE	8.30	2017
B.Tech.	A.I.E.T (JNTU Kakinada)	ECE	70.65	2013

Research interests

- Image Super-Resolution
- Image De-hazing.
- Machine Learning
- Deep Learning

Research background

- Submitted a thesis titled “Performance Enhancement of Single Image Super Resolution Techniques using Post-Processing Schemes.” for award of Master of Technology.
- Supervised a B.Tech. Thesis titled “Learning Based Single Image Super Resolution” during the academic year 2019-20.

Publications

- A.V.S.Deepak and Umesh Ghanekar, “Improved Gradient Profile Sharpness Transformation based Super-Resolution Using De-Hazing”, proc. of Int. Conf. on Knowledge, Information, Technology and Sciences, ISETE, IRF(2016), Guntur, Nov. 2016.
- A.V.S.Deepak and Umesh Ghanekar, “Integrating Regression model with Gaussian Mixture model for Image Super-Resolution”, proc. of Int. Conf. on Intelligent Computing and Control Systems, (ICICCS 2017), Madurai, June 2017. IEEE
- A.V.S.Deepak and Umesh Ghanekar, “RDCN-SR: Integrating Regression model with Deep Convolutional Networks for Image Super-Resolution”, proc. of Int. Conf. on Intelligent Computing and Control Systems, (ICICCS 2017), Madurai, June 2017. IEEE

Teaching experience

More than 3 Years

- Worked as an Assistant Professor in the department of Electronics and Communication Engineering, **National Institute of Technology, Warangal**, from 26 July 2017 to 26 December 2017.
- Currently working as an Assistant Professor in the department of Electronics and Communication Engineering, **FET MJP Rohilkhand University, Bareilly**, since 3 January 2018.

Subjects taught

- Signals and Systems.
- Digital Communication.
- Analog Communication.
- Electro Magnetic Theory.
- Basic Electronics.

Labs supervised

- Analog Communication Lab
- Digital Communication Lab
- Image Processing Lab
- Digital Signal Processing Lab using MATLAB.

Software skills

Operating Systems	Windows 8, 10, 7, Vista, XP.
Technical Packages	MATLAB (proficient), PYTHON(Basic)
E-Content Generation	MS Power Point

Strengths

- Good Communication skills.
- Ability to meet deadlines.
- Decision making skills.
- Team management skills.
- Strong work ethic.
- Open to feedback and discussion.

Training Programs Attended

- Two-day FDP on *“Effective Teaching and Evaluation Methods in Technical Education”* organised by Teaching Learning Centre, NIT Warangal during 28-29 October 2017.
- Eight-day FDP on *“Universal Human Values and Professional Ethics”* organised by TEQIP-III and conducted by Value Education cell, AKTU, Lucknow at MIT, Moradabad during 10-17 January 2018.
- Five-day *“Faculty Induction Program”* for NPIU-faculty members organised by Knowledge Incubation for TEQIP, IIT Kanpur during 20-24 January 2018.
- One-week hands on workshop cum technical training program on *“Machine Learning with Python”* organised by UIET, Panjab University, Chandigarh during 28 May-2 June 2018.
- Five-day workshop on *“SAR Filing Process”* organized at FET MJP Rohilkhand University.
- Two-day workshop on *“OBE and its importance”* organized at FET MJP Rohilkhand University.
- Six-day *“Student Excellence & Learning Program”* held under TEQIP-III at MJPRU Bareilly during 25-30 March 2019.
- One-week FDP on *“Advanced Pedagogy and Digital Tools”* organized by Department of Management Studies, IIT Roorkee during 17-21 June 2020.
- Four-day online FDP on *“PYTHON Programming”* organised by Department of CSE, KLU, Hyderabad during 15-18 July 2020.
- Five-day online FDP on *“Basic MATLAB Programming”* organised by Department of ECE, NITTTR, Chandigarh during 20-24 July 2020.
- Five-day online FDP on *“Image Processing Using MATLAB”* organised by Department of ECE, NITTTR, Chandigarh during 20-24 July 2020.
- Eleven-day online FDP on *“ICT Tools for teaching, Learning process & Institutes”* organised jointly by MNIT Jaipur, IIIT DM Jadalpur and NIT Patna during 10-21 August 2020.

Administrative Duties

- *Program Coordinator*, One-week Induction program for first year students (2017-2018) of FET MJP Rohilkhand University, Bareilly during 15-20 February 2018.
- *Program Coordinator*, Three-week Induction program for first year students (2018-2019) of FET MJP Rohilkhand University, Bareilly during 26 July- 15 August 2018.
- *Program Coordinator*, Three-week Induction program for first year students (2019-2020) of FET MJP Rohilkhand University, Bareilly during 25 July- 15 August 2018.
- Established *Student Activity Centre*, SAC at FET MJPRU and currently acting *Faculty coordinator*, SAC.
- *SLA Coordinator*, FET MJPRU, for Student Learning Assessment by Stanford University 2019.
- Member of *GATE Review Committee*, for GATE classes offered at FET MJP Rohilkhand University.
- Assisted Department of Electronics and Communication Engineering, FET MJP Rohilkhand University, in *successful submission of SAR* in the process of Accreditation from NBA.

In addition to these, coordinated 3 international conferences, alumni meet, several workshops and expert talks during my tenure at FET MJP Rohilkhand University.

Achievements

- Received “ISKITS Excellent Paper Award” at ISKITS-2016 held at KKR & KSR institute of Technology and Sciences, Guntur, India on 11-12 November 2016.
- Received “Elite + silver” medal in two courses of NPTEL, i. Digital Image Processing and ii. Machine Learning for Engineering and Science Applications.
- Stood amongst top 2% in NPTEL course: Machine Learning for Engineering and Science Applications

Personal profile

Name	:	A.V.S. DEEPAK
Father’s Name	:	A.V.S. MURTY
Mother’s Name	:	A. MEHAR VANI
Languages Known	:	English, Telugu and Hindi
Date of Birth	:	07-08-1992

References

- ↪ **Prof. Umesh Ghanekar**
Professor
Department of Electronics and communication Engineering
National Institute of Technology Kurukshetra
Kurukshetra-136119
E-mail : ugnitk@nitkk.ac.in, Ph.No 9034833959
- ↪ **Prof. Rajoo pandey**
Professor
Department of Electronics and Communication Engineering
National Institute of Technology Kurukshetra
Kurukshetra-136119
E-mail : rajoo_pandey@nitkk.ac.in , Ph.No: 91-9416840435
- ↪ **Dr. R.Prasad Rao**
Associate Professor
Department of Electronics and Communication Engineering
Avanhi Institute of Engineering and Technology
Makavarapalem-531113
E-mail : prasadrao.rayavarapu@yahoo.com , Ph.No : 9949666990

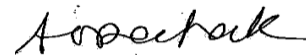
DECLARATION

I hereby declare that above mentioned particulars are true to the best of my knowledge and belief.

Date: 05/06/2020

Place: Bareilly.

Yours sincerely,



A.V.S. Deepak