

STAFF PROFILE



Mr. Vijaykumar Shrinivasrao Karra

Assistant Professor

Electronics & TeleCommunication

vkarra@aitpune.edu.in

Date of Joining
16/06/2003

Nature of Appointment
Regular

Educational Details

Qualification	Degree	University	Grade	Year
PG	ME ELECTRONICS	PUNE UNIVERSITY	57.17	2005

Areas of Interest

Experience Details

Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Industrial	1.60 Years JUNE2000 NOV 2001	SUPPORT ENGG SOFTLINK AUTOMATION	TECHNICAL SUPPORT
Educational	0.60 Years 5/1/2003 TO 15/07/2003	LECTURER DR.DYP COLLEGE OF ENGG PIMPRI PUNE	TEACHING
Educational	14.00 Years 16/07/2003	ASTT PROF ARMY INSTITUTE OF TECHNOLOGY	TEACHING

Journal Publications

1. KARRA VIJAY KUMAR, (2014). STUDENT SECURITY SYSTEMS AND ATTENDANCE USING FACE RECOGNITION. *IJNGCA*. 2(3), 1-8. ISBN/ ISSN No : 2319-524X.

Conference Publications

1. VIJAY KARRA, (2015). programmable Electronic Delay Detonator. *Proceedings of 4th International Conference*. 4th (4th), 60-67. ISBN/ ISSN No : 978-93-82702-98-6.
2. VIJAY KUMAR KARRA, (2014). Range Resolution of FMCW radar system using Simulink. *Proceedings of 3rd International Conference*. 3rd(3rd), 55-57. ISBN/ ISSN No : 978-93-84209-15-5.

Books

1. V K KARRA, (2012). *Wave Theory & Antenna*. NIRALI. ISBN/ ISSN No : 978-93-81237-02-1.
2. V K KARRA, (2011). *Electromagnetics*. NIRALI. ISBN/ ISSN No : 978-93-81962-75-6.
3. V K KARRA, (2010). *Network Synthesis & Filter Design*. NIRALI. ISBN/ ISSN No : 978-93- 80725-58-1.

Patent

1. VIJAY KUMAR KARRA, (2017). 201721020567. *Vedic math*. 08/09/2017, INDIA.
2. V K Karra, Pritee Jawale, J B Jawale, (2017). 201721020567. [Vedic mathematical calculator for floating](#)

- [point and complex number operations](#). 08/09/2017, India.
- Jawale J B, Vijay Karra, B P Patil, Pritee Jawale, (2017). 201721020567. [Vedic mathematical calculator for floating point and complex number operations](#). 08/09/2017, India.
 - V.K.KARRA, (2017). 2662/DEL/2015. [solar panel](#). 03/03/2017, INDIA.
 - B P Patil, Jitendra Bhaskar Jawale, Saloni Atre, Shailender Singh Kushwaha, Purnima Gupta, Puneet Singh, Vijay Kumar Karra, (2015). 2662/DEL/2015. [Cost Effective Bot for Cleaning Solar Panel Array](#). 28/08/2015, India.

Workshop

- Engg Education & research Seminar ,Pune (Attended), Engg Education & research Seminar ,Pune, 2016, PUNE
- National Workshop on Recent research trends I nano Sacle Devices,Circuits and Systems (Attended), National Workshop on Recent research trends I nano Sacle Devices,Circuits and Systems, 2016, PUNE
- Workshop on Patent Basics,Searching and Filing (Attended), Workshop on Patent Basics,Searching and Filing , 2015, Army Institute of Technology Dighi Hills Pune-15
- Workshop on CII-AIT Meet innovation (Attended), Workshop on CII-AIT Meet innovation, 2015, PUNE
- Two week ISTE Workshop on CONTROL SYSTEM Conducted by IIT Kharagpur and is under MHRD (Attended), Two week ISTE Workshop on CONTROL SYSTEM Conducted by IIT Kharagpur and is under MHRD, 2014, PUNE
- Faculty orientation Workshop on 'Employabiliy Skills in Elecdrnics Design for T.E(E&Tc) & Revised Syllabus 2012 Course (Attended), Faculty orientation Workshop on 'Employabiliy Skills in Elecdrnics Design for T.E(E&Tc) & Revised Syllabus 2012 Course, 2014, PUNE
- One week Workshop on 'Advance Industrial Automation' (Attended), One week Workshop on 'Advance Industrial Automation' , 2013, PUNE
- One Day orientation Workshop on 'MALAB SOFTWARE' (Attended), One Day orientation Workshop on 'MALAB SOFTWARE' , 2013, Army Institute of Technology Dighi Hills Pune-15
- One day workshop on 'Digital Signal Processing using TMS320C6713' (Attended), One day workshop on 'Digital Signal Processing using TMS320C6713', 2013, Armi Institute of Technology Dighi Hills Pune-15
- Faculty orientation Workshop S.E(E&Tc/Elex) Revised Syllabus 2012 Course (Attended), Faculty orientation Workshop S.E(E&Tc/Elex) Revised Syllabus 2012 Course, 2013, PUNE
- National level One week STTP on 'Image Processing,Pattern Recognition & Computer Vision' (Attended), National level One week STTP on 'Image Processing,Pattern Recognition & Computer Vision', 2013, PUNE
- ISTE approved one week STTP on,Design,Tesing,Performance Evaluation &Application of Microwave Antenna. (Attended), ISTE approved one week STTP on,Design,Tesing,Performance Evaluation &Application of Microwave Antenna., 2012, PUNE
- National level Workshop on Signal & image processing Using LabView (Attended), National level Workshop on Signal & image processing Using LabView, 2012, PUNE
- State level one week STTP on 'Image processing application Using MATLAB' (Attended), State level one week STTP on 'Image processing application Using MATLAB' , 2011, PUNE
- Workshop on Syllabus Drafting of S.E(Electronics /E&TC)SEM-II 2008 Course. (Attended), Workshop on Syllabus Drafting of S.E(Electronics /E&TC)SEM-II 2008 Course., 2010, PUNE
- Workshop on Syllabus Drafting of T.E(Electronics /E&TC)SEM-I (Attended), Workshop on Syllabus Drafting of T.E(Electronics /E&TC)SEM-I , 2010, PUNE
- STTP on Recend Trends in Digital Image Processing , (Organized), STTP on Recend Trends in Digital Image Processing ,, 2010, Armi Institute of Technology Dighi Hills Pune-15

Research Grants

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Role of Investigator
cost effective solution for solar panel cleaning system	BCUD	09/01/2016	09/01/2018	180000.00	Principal Investigator

Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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Professional Memberships

Society	Membership No	Duration	
THE INDIAN SOCIETY FOR TECHNICAL EDUCATION	LM 50614	07/01/2010	07/01/2037

Achievements/ Contribution

Year	Details
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No of PhD Students Guided : 0 No of PG Students Guided : 0
No of PhD Awarded Students : 0