



St. Joseph's Institute of Technology
St. Joseph's Group of Institutions
 OMR, Chennai - 119



Department of Electronics and Communication Engineering
 (Accredited by NBA)

FACULTY DETAILS

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| Staff Name | Mr. K. IMMANUEL |
| Designation | Assistant Professor |
| Date of Birth | 24/05/1990 |
| Educational Qualification | M.E. |
| Area of Interest | Embedded Systems, Image Processing, IOT, Deep Learning, Machine Learning |
| Years of Experience | 5 Years 11 Months |
| Area of Research | Deep Learning in Object Analysis and recognition |
| No. of Students Project Guided | 10 |
| R & D Activities | <ul style="list-style-type: none"> • Mining Haulage Tracking and Monitoring funded by AROBOT at a cost of Rs 3,50,000. |
| Publications Details | <p>Journal Publications</p> <ul style="list-style-type: none"> • Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement in International Journal of Engineering and Advanced Technology (IJEAT)/International (Scopus) <p>Conference Publications</p> <ul style="list-style-type: none"> • “Congestion Adaptive Navigation and Emergency alert Protocols” in the National Conference on Recent Trends in Information and Communication organized by Bharath Institute of Higher Education and Research, Chennai. • “Personal Lung, Heart rate monitoring device for asthmatic patients” in the National Conference on Recent Trends in Information and Communication organized by Bharath Institute of Higher Education and Research, Chennai. • “Building Structure Analysis and Automatic Monitoring System” in International Conference on Emerging Trends in Computing, Electrical and Electronics conducted by Alpha College of Engineering, Chennai. • “Wearable glove-type Driver Stress Detection using Sensors” in International Conference on Recent Developments in Engineering Management Science and Technology conducted by Dhaanish Ahmed College of Engineering, Chennai. |

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| <p>FDP & Workshop Attended Details</p> | <ul style="list-style-type: none"> • Recipient of the NPTEL Discipline Star Award - JAN 2020 • Faculty Development Program on “Python 3.4.3 “10-5-2020 to 14-5-2020 at Sri Krishna college of Technology, Coimbatore (Spoken Tutorial, IIT Bombay) • Faculty Development Program on “Introduction to Internet of Things “JUL-OCT 2019 1 ½ Weeks at NPTEL -AICTE • Faculty Development Program on “Embedded System Design with ARM “1 Week at NPTEL -AICTE • Faculty Development Program on “Machine Learning “1 Week at NPTEL -AICTE • Faculty Development Program on “Deep Learning “1 ½ Weeks at NPTEL -AICTE • Faculty Development Program on “Introduction to Python Programming” at Hindustan Institute of Engineering and Technology, Chennai from 02/11/18 to 03/11/18 • Faculty Development Program on “Introduction to Industry 4.0 and Industrial IOT 1 ½ Weeks at NPTEL -AICTE • Faculty Development Program on “Artificial Intelligence” by Vignana Bharathi Engineering college, Hyderabad from 22-5-2020 to 26-5-2020, 5 days • Workshop on Creation of E-content, Animated E- Content, Stop Motion Animation, Creative E-content, Uploading E-Content on the web by Universal Teachers Academy, Puducherry from 21-04-2020 to 30-04-2020 10 days • Workshop on Research Scopes in Electronics and Communication, by Chennai Institute of Technology, Chennai on 21-5-2020 • Workshop IOT Technologies In Smart Farming, at Panimalar Institute of Technology, Chennai from 18/1/2018 to 19/1/2018 |
| <p>Professional Membership</p> | <p>IEEE</p> |