

ACADEMICS

I. Subjects Taught

- Linear Algebra and Applications
- Signals and Systems
- Basic Electronics and Devices
- Operating Systems
- Biomedical signal processing
- Communication Systems

II List of Short-term courses / National level technical symposia Attended / Organized

Courses organized:

- One week FDP from 4th – 8th Feb 2019 on “ **Development of smart sensor technology towards Electronic applications**” sponsored by TEQIP III.
- Two week FDP from 24 Aug- 4th sept 2020 on “ **Fabrication of Electronic Devices using Nanomaterials**”, sponsored by TEQIP III
- one week FDP program from 18th to 25th july 2022 on Analytical techniques for nanomaterials In collaboration with NIT warangal
- One week workshop on Pranayam for PPH students from 5th to 9th September 2022

III Prominent Trainings/Workshops/Seminar Attended

- TEQIP II Two day workshop on “**Mathematics behind machine learning**” from 21-23 Aug 2014 at SJ college of engineering , Mysuru.
- Two week workshop on “**Pedagogy for effective use of ICT in Engineering Education**” from 5th -31st Jan 2015 IIT Bombay.
- TEQIP II Two day workshop on “**Research methodology**” ,5th-6th June 2015 Conducted at NIE , Mysuru.
- Two day workshop on “**Enterprise application development**” 6-7th july 2015 conducted QWINIX technologies Pvt. Ltd., at SJCE , Mysuru.
- MHRD sponsored under **GIAN** two week workshop on “**Algorithms for Robot Autonomy**” from 23rd June to 4th June at SJCE.
- TEQUIP II sponsored six day workshop on “**pedagogy of Instructional Design & Delivery system**” from 7-12th June 2016 at SJCE.
- TEQUIP II sponsored five day workshop on “**Digital image processing :Basics to Recent Trends**” from 13-17th June 2016 at SJCE.
- TEQIP II sponsored One week workshop on “**Programming Raspberry Pi using python**” from 25th to 29th Jan.2017 at SJCE.
- MHRD sponsored under **GIAN** two week workshop on “**Energy , Sustainability and life cycle Risk Analysis**” from 13th February to 28th February at SJCE.

- **GIAN course on “Multi-scale modeling of Heterogeneous structures ”** from 4th -16th June at SJEC , Mysuru
- TEQIP-III sponsored one day workshop on **“Cyber security and forensic :Real time challenges”** on 2nd july 2018 held at SJCE , Mysuru.
- **GIAN course on “Emerging Intelligent polymer Materials :From Science to industrial Application”** from 16th – 27th July 2018 at SJEC , Mysuru.
- TEQIP sponsored one week FDP on **“Analysis of Biomedical signals and their Mathematical modeling”** from 24th to 28th December 2018 @JSSSTU, Mysuru.
- **GIAN Course** from 31st Dec 2018 to 11th Jan 2019 on **”Composite materials and structures processing and Fabrication Analysis and Design”** @JSSSTU , Mysuru.
- TEQIP III sponsored one day workshop on **“Stress Management” 28/2/2019** organized by Electrical department of JSSSTU , Mysuru.
- Conducted two day **“Hands on practice with visual-tcad” 8th -9thMarch 2019**(Sponsored under TEQIP Phase-III) @JSSSTU , Mysuru.
- Workshop on **“women empowerment beyond education” (8days -40hours)** from 9th march to 31st March 2019 held at SJCE , Mysuru.
- TEQIP III sponsored one week FDP on **“Characterization of materials by advanced analytical techniques”** from 17-21 June 2019 organized by Polymer science department of JSSSTU , Mysuru.
- Attended the online course conducted by IIRS, ISRO on **“Remote Sensing & GIS Technology and Applications”** for University Teachers & Government Officials” from 13th june to 1st july.
- Attended AICTE sponsored one week workshop on **“ Micro to Nano-Fabrication, Characterization and Modelling Including Additive Manufacturing”** during 31st August to 5th September 2020.
- Attended one week workshop on **“Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning”** from 10th to 14th August.
- Attended Five Day FDP on **“Sensors & Their Applications”** 13th to 17th july.
- Attended Two week FDP on **PYTHON** conducted by JSSATE.
- Participated in 5 Day Webinar on **"NBA and NAAC Accreditation Process"** organized by Internal Quality Assurance Cell (IQAC), MS Ramaiah Institute of Technology, Bengaluru on 4th June 2020 to 8th June 2020.
- one week FDP on **“BIOSENSORS: Fundamentals to Advances, Scope & Applications”** 3rd to 8th August 2020 conducted by Ramaiah institute of technology sponsored by IEEE sensor council.
- Two week faculty development program sponsored by AICTE on **“Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB”** from 1/2/2021 to 13/2/2021.

- One week FDP on **“Recent trends in social Internet of Things”** from 22/2/2021 to 26/2/2021.
- Two week **Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB** from 01.02.2021-13.02.2021 ,KIT , warangal.
- one week FDP on **Demystify Design Thinking in Multidisciplinary Engineering :IT Approaches** 27/7/20/ to 1/8/2020 ,Ramaiah IT , Banagalore.
- one week FDP on **Nano-materials & Nano-mechanics and their application in devices and sensors** , from 28-6-2021 to 2/7/2021,ATAL , IIT, Hyderabad
- one week FDP on **Hands on training on origin software** , from 8-14 Nov 21 conducted by origin pro software.
- one week FDP on **Wireless sensor network architecture design**, from 15-22 june 2022 NIT warangal
- one week FDP on **Quantum physics leading to Photonics**, from 10-15 Oct 2022 GHRCE, Nagpur.