

## **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 4<sup>th</sup> – 8<sup>th</sup> Feb 2019 on “ **Development of smart sensor technology towards Electronic applications**” sponsored by TEQIP III.
- Two week FDP from 24 Aug- 4<sup>th</sup> sept 2020 on “ **Fabrication of Electronic Devices using Nanomaterials**”, sponsored by TEQIP III

### **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 5<sup>th</sup> -31<sup>st</sup> Jan 2015 IIT Bombay.
- TEQIP II Two day workshop on “**Research methodology**” ,5<sup>th</sup>-6<sup>th</sup> June 2015 Conducted at NIE , Mysuru.
- Two day workshop on “**Enterprise application development**” 6-7<sup>th</sup> July 2015 conducted QWINIX technologies Pvt. Ltd., at SJCE , Mysuru.
- MHRD sponsored under **GIAN** two week workshop on “**Algorithms for Robot Autonomy**” from 23<sup>rd</sup> June to 4<sup>th</sup> June at SJCE.
- TEQUIP II sponsored six day workshop on “**pedagogy of Instructional Design & Delivery system**” from 7-12<sup>th</sup> June 2016 at SJCE.
- TEQUIP II sponsored five day workshop on “**Digital image processing :Basics to Recent Trends**” from 13-17<sup>th</sup> June 2016 at SJCE.
- TEQIP II sponsored One week workshop on “**Programming Raspberry Pi using python**” from 25<sup>th</sup> to 29<sup>th</sup> Jan.2017 at SJCE.
- MHRD sponsored under **GIAN** two week workshop on “**Energy , Sustainability and life cycle Risk Analysis**” from 13<sup>th</sup> February to 28<sup>th</sup> February at SJCE.
- **GIAN** course on “**Multi-scale modeling of Heterogeneous structures** ” from 4<sup>th</sup> -16<sup>th</sup> June at SJEC , Mysuru

- TEQIP-III sponsored one day workshop on **“Cyber security and forensic :Real time challenges”** on 2<sup>nd</sup> July 2018 held at SJCE , Mysuru.
- **GIAN course** on **“Emerging Intelligent polymer Materials :From Science to industrial Application”** from 16<sup>th</sup> – 27<sup>th</sup> July 2018 at SJEC , Mysuru.
- TEQIP sponsored one week FDP on **“Analysis of Biomedical signals and their Mathematical modeling”** from 24<sup>th</sup> to 28<sup>th</sup> December 2018 @JSSSTU, Mysuru.
- **GIAN Course** from 31<sup>st</sup> Dec 2018 to 11<sup>th</sup> 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”** 8<sup>th</sup> -9<sup>th</sup> March 2019 (Sponsored under TEQIP Phase-III) @JSSSTU , Mysuru.
- Workshop on **“women empowerment beyond education”** (8days -40hours) from 9<sup>th</sup> March to 31<sup>st</sup> 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 13<sup>th</sup> June to 1<sup>st</sup> July.
- Attended AICTE sponsored one week workshop on **“ Micro to Nano-Fabrication, Characterization and Modelling Including Additive Manufacturing”** during 31<sup>st</sup> August to 5<sup>th</sup> September 2020.
- Attended one week workshop on **“Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning”** from 10<sup>th</sup> to 14<sup>th</sup> August.
- Attended Five Day FDP on **“Sensors & Their Applications”** 13<sup>th</sup> to 17<sup>th</sup> 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 4<sup>th</sup> June 2020 to 8<sup>th</sup> June 2020.
- Attended **“BIOSENSORS: Fundamentals to Advances, Scope & Applications”** 3<sup>rd</sup> to 8<sup>th</sup> 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.

