

II Jai Sri Gurudev II  
Sri Adichunchanagiri Shikshana Trust (R)  
**SJB INSTITUTE OF TECHNOLOGY**  
Bengaluru - 560 060

**Department of Electronics & Communication Engineering**  
**9<sup>th</sup> National Conference on**  
**Recent Trends in Electronics &**  
**Communication Engineering - (NCRTEC-19)**  
**4<sup>th</sup> May 2019**

**REGISTRATION FORM**

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Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji  
Founder President, Sri Adichunchanagiri Shikshana Trust(R)

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**Organised by :**

**Department of Electronics & Communication Engineering**

Sri Adichunchanagiri Shikshana Trust (R)

**SJB INSTITUTE OF TECHNOLOGY**

(Affiliated to VTU, Approved by AICTE - New Delhi, Accredited by NAAC with 'A' Grade)

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## About Trust & Institution

Sri Adichunchanagiri Shikshana Trust® was established in 1974 with blessings of His Divine Soul Jagadguru Padmabhushana Dr.Sri Sri Sri Balagangadharanatha MahaSwamiji. Importance has been given to impart three component of education – intellectual, spiritual & physical needs of the students. With this vision, the trust has started over 500 educational units across the country benefiting more than lakh students every year. Presently, the trust has being administered by the chief pontiff, His holiness Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji. Beneath the Trust, BGS Group of Institutions: Established many institutions right from nursery, high school, pre-university college, pharmacy, ayurvedic, management, Engineering, Medical, etc., Sri Sri Revered Dr. Prakshnath Swamiji, Managing Director, SJB & BGS Group of Institutions is diligently associating with Sri Adichunchangiri Shikshana Trust.

SJB Institute of Technology is one amongst these institutions started during the year 2001. SJBIT is committed to personal, social & intellectual growth emphasizing a comprehensive educational programme leading to high academic standards. Spreading across sprawling 50 acres of land; the SJBIT is located amidst natural serene atmosphere, 14 KM from Bengaluru city, near Kengeri. It is affiliated to Visvesvaraya Technological University, Belagavi approved by AICTE, New Delhi. SJBIT is ranked No. 1 in Karnataka, (Among VTU affiliated Private Engg. Colleges); Ranked No.5 in south India (Among VTU affiliated Private Engg. Colleges); Ranked No.5 in south India (Among VTU affiliated Private Engg. Colleges); based on all India 'Data quest-cyber media research' survey- May 2015. SJBIT has been honored as “excellent training and placement institute in Karnataka” by VTU, AICTE, CMAI, AIU, Govt. of India. The institution has own the national employability award during 2013-14. Accredited by NAAC with A grade 3.22 CGPA during the year 2017.

The institution offers 6 under graduate programmes, 10 post graduate programmes and 7 departments have been recognized as research centres.

**Vision :** To become a recognized technical education centre with global perspective.

**Mission :** To provide a learning opportunity that fosters students ethical values, intelligent development in science and technology and social responsibility so that they become sensible and contributing members of the society.

## Major collaboration with Industries:

In order to encourage industrial houses to promote applied R&D relevant to their needs; SJBIT is association with many industries having vibrant objectives. SJBIT's main association ships with industries are

- M/s. Bosch Rexroth India
- M/s. Tata Consultancy services

- M/s. Wipro Technologies
- M/s. National Instruments India Pvt. Ltd.,
- M/s. Apple
- M/s. Power Reserch and development, consultant Pvt. Ltd.,
- M/s. CISCO Pvt. Ltd.,
- M/s. Texas Instrument Pvt. Ltd.,
- M/s. Bio Axis DNA Research centre Pvt. Ltd.,
- M/s. Microsoft
- M/s. Infosys
- M/s. HCL
- M/s. Cognizant
- M/s. L & T Infotech
- M/s. ORACLE Pvt. Ltd.,
- M/s. Meizu Technology company, China

**CETRAT : SJBIT** is recognized as” Centre of excellence for training and research in automation technologies”. SJBIT in association with Bosch Rexroth India limited. Offers certification courses (Industrial oriented training programs) in PLC, Sensorics, Drives and controls, hydraulics, Pneumatics and internship in industrial automation.

## About Department

The Department of Electronics and Communication Engineering was established in the Institution during 2001. It is one of the premier and Core department in the Institution, offering UG program with an intake of 120 students and PG program (VLSI design and Embedded systems) with an intake of 18 students. It is also a recognized “Research Center” by VTU. The department is being headed by Dr. K V Mahendra Prashanth.

The department is strengthened with 6 Professors, 7 Associate Professors, 16 Assistant Professors and 16 Technical staff. Faculties have successfully obtained several major research grants from various financial institutions. The department has well equipped laboratories with state-of-the-art infrastructure, department library and internet facilities. The Department endow with additional industrial training and internship programs, live projects & hands on to enhance the employability. The department has secured 16 ranks in PG program and 5 ranks in UG program till date.

The department is associated with many industries like Bosch Rexroth, Intel, National Instruments and University of Agriculture Sciences etc., with vibrant objectives providing Industrial oriented training on PLC, Sensorics, Drives and Control, Lab View, IOT, Embedded Systems, Data Analytics Network.

**Vision :** To bestow quality technical education in producing technologically and professionally superior, dynamic and quality engineers.

**Mission :** To provide a competitive platform in which both faculty and students are prepared to face the professional challenges thereby enabling them to contribute to the technological economical and quality engineer.

## Call for Papers

9th National Conference on Recent Trends in Electronics & Communication Engineering – 2019 (NCRTEC'19) will be held at Bengaluru, Karnataka, India on 4th May, 2019. NCRTEC'19 is being organized by Department of Electronics & Communication Engineering, SJB Institute of Technology, Bengaluru. NCRTEC'19 aims at bringing together academicians, researchers and practitioners from the various fields to promote community wide discussions of ideas that will influence and foster continued research in the field.

## Paper Submission:

The Organizing Committee welcomes you to join us for this event in which scientific and genuine presentations as well as stimulating discussions by renowned academicians, researchers and scholars will foster new visions and horizons of the recent advances in Electronics & Communications technology.

**Email to: [ncrtec@sjbit.edu.in](mailto:ncrtec@sjbit.edu.in)**

## Topics:

- Audio & Speech Processing
- Biomedical Signal Processing
- IoT & Real time operating system
- Image, Video & Signal Processing
- Machine Learning & Deep Learning
- Wireless Communication
- Sensing and Sensor Networks
- Telecommunication and Multimedia
- Circuit simulation and Modeling
- Automation & Embedded Systems
- VLSI Design
- Nano technology

Papers are invited in Standard IEEE double-column format (MS Word 97-2003 format) through electronic submission, @ **Email: [ncrtec@sjbit.edu.in](mailto:ncrtec@sjbit.edu.in), Contact : Mahantesh-9886285256.**

The paper selection will follow a double-blind review process; the authors of 2 best papers would be awarded after presentation. ([www.sjbit.edu.in](http://www.sjbit.edu.in)).

## Important Dates:

Last date to Paper Submission : 20<sup>th</sup> April 2019  
Notification of Review : 25<sup>th</sup> April 2019  
Registration starts from : 27<sup>th</sup> April 2019  
Conference Date : 4<sup>th</sup> May 2019

## Registration Fee:

Students (UG/PG/Research Scholars)	Rs. 800/-
Professionals from academic/R&D Organizations	Rs.1000/-
Industry Delegates	Rs. 1000/-

On confirmation of acceptance of papers, kindly enclose DD of prescribed fees along with registration form and mail it to the Convener & HOD, Dept. of ECE, SJBIT, BGS Health & Education City, Kengeri, Bengaluru-60.

DD must be drawn in favour of “**Principal, SJBIT** payable at Bengaluru”. **Website: [www.sjbit.edu.in](http://www.sjbit.edu.in). No Cash Transactions Entertained.**