

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

**Department of Electrical & Electronics Engineering**

**10<sup>th</sup> National Conference on  
Advanced Techniques in Electrical and  
Electronics Engineering - (NCATEE-19)**

**4<sup>th</sup> May 2019**

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**Organised by :**

**Department of Electrical & Electronics 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 the Trust & Institution

Sri Adhichuchanagiri Shikshana Trust Established in 1974, Sri adichunchanagiri shikshana trust(r) is Guided by the commitment to excellence, under the Blessings of His Holiness Jagadguru Padmabhushana Dr. Sri Sri Sri Balagangadharanatha Maha Swamiji. Importance is given to impart three components of education - intellectual, spiritual & physical needs of students. With this vision, the trust has started 500 educational units across the country, benefiting more than 1,00,000 students every year. Presently, the trust is being administered by the Chairman, Chief Pontiff, His holiness Jagadguru Sri Sri Sri Dr. Nirmalananda Mahaswamiji. Beneath the trust, BGS Group of institution; established any institutions write from nursery, high school, pre university college, Pharmacy, Ayurvedic college, management, Engineering, Medical etc., Sri Sri Revered Dr. Prakashnath Swamiji is the Managing Director, SJB & BGS Group of Institutions and is diligently associating with Sri Adhichuchanagiri Shikshana Trust.

SJBIT is established in the year 2001 with the blessings of His Divine Soul Jagadguru Sri Sri Sri Padmabhushana Dr. Balagangadharanatha Mahaswamiji of Sri Adichunchanagiri Shikshana

Trust. SJBIT is one among the 450 educational institutions being managed by the Trust. Spreading across sprawling 50 acres of land, the SJBIT is located amidst natural serene atmosphere, 14 km from Bengaluru city, near Kengeri. SJBIT is affiliated to Visvesvaraya Technological University, Belagavi and approved by AICTE, New Delhi. SJBIT is committed to personal, social & intellectual growth emphasizing a comprehensive educational programme leading to high academic standards. SJBIT has been Ranked No. 1 in Karnataka (Amongst VTU affiliated private engineering colleges); Ranked No.5 in south India (Among the private engineering colleges); Ranked No.14 in India (Among the private engineering colleges) as per All India DATA QUEST – Cyber media Research survey may 2015. SJBIT has been honoured 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 10 departments have been recognized as research centres.

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

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

## SJB Research Foundation

SJB Research Foundation (SJB RF) is a section 25 nonprofit company has been launched in the campus. It is a sponsored research center to bridge the gap between academic and industrial research.

## Major Collaboration with Industries & Universities:

- M/S Bosch Rexroth India Ltd.
- Bielefeld University, Germany
- M/S Tata Consultancy Services Ltd.
- M/S Wipro Technologies
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- M/S Microsoft Corporation (India) pvt. Ltd.
- M/S National Instruments (India) pvt. Ltd.
- M/S Power Research & Development, consultant's pvt. Ltd. Etc.,
- M/S Finesse IT Labs Pvt. Ltd
- M/S Bio Axis DNA Research Centre Pvt, Ltd.

## About the Department

Electrical & Electronics Engineering (EEE) Department was established at the institute in the year 2004 with an intake of 60 students. EEE department is one of the prestigious and core departments of our institute. This department is accomplished with highly qualified and dedicated faculties. To get exposed to latest technologies and to get the awareness about the current happenings, the department periodically conducts workshops and conferences. The department has successfully conducted several Corporate Training Programs. Alavaliere to SJBIT milestone EEE has signed MOU with Mahatma Gandhi Institute of Rural Energy and Development (MGIRE), Power Research and Development Consultancy, Elekpro Electrical Engineers Pvt Ltd., VV Technologies, Viswajothi Technologies Private Limited. The department is well equipped with upgraded laboratories.

**Our Vision :** To impart quality education and development the overall personality of the students to face the challenges of the real world and to lay the foundation for research and development activities.

**Our Mission :** To become one among the best departments in engineering and research arena through professional faculty and state of the art laboratories and to make the students successful engineers with good ethics

## Call for Papers

Original Technical papers are invited on the following topics / themes but are not limited to as mentioned from the students (UG/PG), research scholars, academicians and industrial persons. The conference provides the appropriate platform to interact and share ideas and expand their knowledge. Authors of accepted papers are allowed to present them in the conference.

## Topics

- Power systems engineering;
- AI & ANN applications in the power systems;
- FACTS technology;
- High Voltage Engineering;
- Microcontroller applications in power systems;
- DSP applications in power systems;
- Modern control engineering;
- Advanced power electronics;
- Power quality and harmonics in power systems;
- Renewable energy sources;
- Green energy technologies;
- Other relevant fields.

Paper Submission, Review and Publication Prospective authors are invited to submit papers 6-8 pages (including tables, figures and references) in standard IEEE double-column format.(MS WORD 97-2003 FORMAT) Papers will be accepted only by electronic submission.

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

A blind Peer-review process will be used to evaluate all submitted papers. The authors of two selected best papers would be awarded.

## Important Dates

Last date for Paper Submission	: 20 <sup>th</sup> April 2019
Acceptance & Notification	: 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 /Industry	: Rs. 1000/-

On confirmation of acceptance of papers kindly enclose DD of prescribed fees along with registration form and send to HOD, Dept. of EEE, SJBIT, BGS Health and Education city, Kengeri, Bengaluru-60 .DD must be drawn in favor of “**The Principal, SJBIT, Bengaluru**”. Web: [www.sjbit.edu.in](http://www.sjbit.edu.in)