

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

**7th National Conference on
"Topical Transcend in
Mechanical Technology"**
4th May 2019

REGISTRATION FORM

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DECLARATION : This is to certify that the above member(s) is/are bonafide student(s)/staff/employee of this Institution/Organization. The submitted paper has neither been published nor presented earlier in any conference or symposium.

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His Divine Soul Jagadguru Padmabhushana
Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji
Founder President, Sri Adichunchanagiri Shikshana Trust (R)

Chief Patron :

His Holiness Jagadguru
Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji
President, Sri Adichunchanagiri Shikshana Trust (R)

Patron :

Revered Sri Sri Dr. Prakashnath Swamiji
Managing Director, BGS & SJB Group of Institutions, Bengaluru

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Principal, SJBIT, Bengaluru

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Dept. of Mechanical Engg., SJBIT

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**7th National Conference on
Topical Transcend in
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TTMT - 19

4th May 2019



Organised by :

Department of Mechanical 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 Balangadharanatha 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 Reverend 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 of Mechanical Engineering

The Department of Mechanical Engineering was established in the year 2009 under the umbrella of SJBIT with state of art laboratories and workshop facilities, qualified and experienced faculty members and skilled technical staff members. Along with UG department is offering PG in Machine design & Ph.D program affiliated to VTU, Belgaum along with the facilities for post-doctoral research. The department has many credentials and accolades like VTU ranks, VGST programme, patents young scientist award and attractive innovative student projects etc.

Vision : To become a center of excellence and a platform in diversified fields for the aspirants in Mechanical Engineering.

Mission :

- To impart globally acceptable standard training to students.
- To endow comprehensive soft skill training to foster professionalism and ethical values among students.
- To offer additional trainings on various technical skills to bridge the gap between industry & institution, encourage self employment & entrepreneurship activities.
- To induce innovative thinking through student projects and research works.

Call for Papers

Original Technical papers are invited on the following topics / themes (but are not limited to) as mentioned from the students

(UG and PG), research scholars, academicians and industrial persons. The event 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:

- Thermal Engineering and Analysis
- Mechanical Structural Design and Analysis
- Mechanical Materials Application, Design and Analysis
- Mechatronics System Design and Analysis
- MEMS Applications, Design and Analysis
- Nano Technology Design and Analysis
- Manufacturing Technology
- Industrial Production and Automation
- Industrial Ergonomics
- Metrology and Quality control
- Industrial Management
- Robotics
- Aeronautical and marine Engineering
- Mechanical Component Design and analysis

Paper Submission and Review:

Prospective authors are invited to submit papers, 4-6 pages (Including tables, figures and references) in standard IEEE, double-column format. Papers will be accepted only by electronic submission. **Email:ncttmt@sjbit.edu.in (www.sjbit.edu.in).**

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

Important Dates

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

Registration Fee:

Students (UG/PG/Research Scholars) : Rs. 800/-
Delegates from Academic/ R&D Institution : Rs. 1000/
On confirmation of acceptance of papers, kindly enclose DD of prescribed fees along with registration form to the **Convener, NCTTMT-19, SJBIT, BGS Health and Education City, Kengeri, Bengaluru-60.** DD must be drawn in favour of “**The Principal, SJBIT** payable at Bengaluru”. Website: www.sjbit.edu.in.

No Cash Transactions Entertained.