

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

Department of Mathematics

National Conference on
“Emerging Trends in Applied Mathematics”

4th May 2019

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

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II Jai Sri Gurudev II



2nd National Conference on

“Emerging Trends in Applied Mathematics”

4th May 2019



Organised by :

Department of Mathematics

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 Sri Sri Dr. Balagangadharanatha Maha Swamiji. 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 is being administered by the Chief Pontiff, His Holiness Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji. Beneath the Trust, BGS Group of Institutions has established many institutions right from Nursery, High School, Pre-university College, Pharmacy, Ayurvedic, Management, Engineering, Medical, etc., Revered Sri Sri Dr. Prakshnath Swamiji, Managing Director, SJB & BGS Group of Institutions has diligently associated 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 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 10 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.

SJB Research Foundation

SJB Research Foundation (SJBRF) 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:

- 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 Research 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

About the Department

Department of Mathematics was established in the year 2001. The mathematics department is well equipped with highly qualified, experienced faculty members. With continuous effort of faculty members the department is witnessing excellent result consistency every year. The faculty members are actively engaged in research programme. The department faculties and faculties of other colleges pursue research work at our research centre which is recognized as one of the research centre under Visvesvaraya Technological University.

Renowned speakers from various disciplines are invited to deliver lectures under “Science Forum” Science exhibitions are conducted annually for students. The students are motivated to devise a scientific model that relates the concept of science with real time application. Science exhibitions serve as a platform to portray their talents. Science Forum is abuzz with activities viz: Science quiz, slide show competition etc.

Our Vision

To develop technically challenging leaders and entrepreneurs for facilitating & enhancing the global competitiveness of organization through excellence in education, research and training.

Our Mission

To be the worlds foremost technical schools fostering intellectual excellence.

Call for Papers:

Original Technical papers are invited on the topics (but are not limited to) given below from the students of UG & 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 give the presentation in the conference.

Objective of the conference:

The conference will be a platform for researchers, academicians and students to share their knowledge on current trends in Mathematical, Physical and Biological

Sciences and their applications.

Topics:

Areas of interest (not limited to...)

- Computational Fluid Mechanics
- Graph Theory
- Computational Astronomy
- Fourier Analysis
- Number Theory
- Differential Geometry
- Numerical Analysis
- Topology
- Mathematical Modelling
- Magneto Hydro Dynamics

Paper submission & review

Prospective authors are invited to submit abstracts (new and unpublished research work) for oral and poster presentations. We are bringing out the souvenir of selected papers.

Authors are invited to submit papers 4-5 pages in standard A4 double-column format, Times new roman font, 12 point, 1.5 line spacing and 2.0 cm margin / Title: Bold, 14 point centered / Name & affiliation of the authors: 12 point italic and underline the name of author presenting with mail address / Abstract: Times new roman font, 10 point, 1.5 line spacing / References: Times new roman font, 10 point

The papers are to be submitted by mail as MS word file to the following Email address mathshod@sjbit.edu.in

Important Dates:

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

Registration Fees:

Students
(UG/PG/ Research Scholars) Rs : 500
Delegates from academic / Industrial delegates Rs : 800

While submitting the paper; kindly enclose DD of prescribed fees along with registration form to : **The Convener, NCETAM-19, SJBIT, BGS Health and Education City, Kengeri, Bengaluru-60.**

No Cash Transactions Entertained.

Address for Communication:

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