

|| Jai Sri Gurudev ||  
Sri Adichunchanagiri Shikshana Trust ®  
**S J B INSTITUTE OF TECHNOLOGY**  
Department of Civil Engineering

Six Days Faculty Development Program  
on  
**Basics of Mathematical Modelling  
and MATLAB Coding**

7<sup>th</sup> - 12<sup>th</sup> Jan 2020

REGISTRATION FORM

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Department: \_\_\_\_\_  
Institution: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_   
Mobile: \_\_\_\_\_  
Email ID: \_\_\_\_\_

**Registration Fee Details:**

DD No.: \_\_\_\_\_ Date: \_\_\_\_\_  
Amount: \_\_\_\_\_  
Bank: \_\_\_\_\_

Signature of the  
Participant

Signature of the  
Principal with Seal

**Blessings :**  
**His Divine Soul Padmabhushan Sri Sri Sri  
Dr. Balagangadharanatha Maha Swamiji**  
Founder President,  
Sri Adichunchanagiri Shikshana Trust

**Chief Patron :**  
**His Holiness Jagadguru Sri Sri Sri  
Dr. Nirmalanandanatha Maha Swamiji**  
President, Sri Adichunchanagiri Shikshana Trust

**Patron :**  
**Revered Sri Sri Dr. Prakashnath Swamiji**  
Managing Director, BGS Group of Institutions

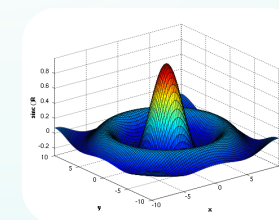
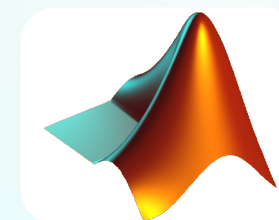
**Organizing Committee Chairman :**  
**Dr. Puttaraju**, Principal, SJBIT  
**Convener :**  
**Dr. Prasad CSMV**,  
Professor & Head, Department of Civil Engineering  
**Co-Conveners :**  
**Dr. P S Ramesh**, Professor  
**Dr. Naveenkumar D T**, Associate Professor  
**Coordinators :**  
**Mr. Kiran K K**, Assistant Professor  
**Mr. Sachin B V**, Assistant Professor  
**Mr. Kiran M S**, Assistant Professor  
**Mrs. Divya N**, Assistant Professor  
**Advisors :**  
**Dr. B V Ravishankar**, Principal, BMSCE, Bangalore  
**Dr. H N Ramesh**, Principal, UVCE, Bangalore  
**Dr. B K Narendra**, Principal, BGSIT, BG Nagar  
**Dr. Dinesh S V**, Professor, SIT, Tumkur  
**Dr. Radhakrishna**, Professor, RVCE, Bangalore  
**Dr. Manjuprasad**, Sr Scientist, NAL, Bangalore  
**Dr. T Mahadevaiah**, Professor, BGSIT, BG Nagar  
**Dr. G Narayana**, Professor, SJCIT, Chikkaballapur  
**Dr. R Ravindra**, Assoc. Professor, RVCE, Bangalore  
**Dr. L R Manjunath**, Chairman, ICI Bangalore Chapter  
**Dr. R L Ramesh**, Secretary, ICI Bangalore Chapter  
**In-house Advisory Committee**  
**Dr. R Sridhar**, Professor,  
**Mr. H Narendra Kumar**, Assoc. Professor  
**Dr. Lakshmi C**, Assoc. Professor



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**Organised by :**

**DEPARTMENT OF CIVIL ENGINEERING**  
**S J B Institute of Technology**  
BGS Health & Education City  
Bengaluru – 560060  
In association with ICI, Bangalore Chapter

## About the Institute

SJBIT was established in the year 2001 with the blessings of His Divine Soul, **Jagadguru Padmabhushan Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji**, Founder President, Adichunchanagiri Shikshana Trust. SJBIT is one among the 500+ educational institutions being managed by the Trust. Spreading across sprawling 50 acres of land, the SJBIT is located amidst natural serene atmosphere, 14km from Bengaluru city, near Kengeri. SJBIT is affiliated to Visvesvaraya Technological University, Belagavi and approved by AICTE, New Delhi, accredited by National Board of Accreditation, New Delhi and also by TCS. SJBIT is committed to personal, social and intellectual growth emphasizing a comprehensive educational programme leading to high academic standards. SJBIT has been **Ranked No. 14 in India** (among all private institutions) as per DATA QUEST survey. To its credit; the institution had bagged several Ranks from the University. SJBIT is honoured as “Excellent Training & Placement Institute in Karnataka” by VTU, Belagavi. The institution offers 4 years of full time under graduate courses, 2 years full time PG courses and Research Centre for Doctoral Degree courses in ECE, EEE, CSE, ISE, Civil Engg., Mech. Engg., Mathematics, Physics and Chemistry Departments.

### Vision

To become a recognized technical education centre with global perspective.

### Mission

To provide learning opportunities 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), a Section 25 Non-Profit Company has been launched in the campus. It is a sponsored research centre bridging the gap between academic and industrial research.

**CETRAT:** SJBIT is recognized as “Centre of Excellence for Training and Research in Automation Technologies”. SJBIT in association with BOSCH REXROTH India Ltd. offers certification courses (Industrial oriented training programs) in PLC, Sensorics, Drives and Controls, Hydraulics and Pneumatics.

NI Lab View Academy School: The Lab View Academy at SJBIT offers various courses certified by M/s National Instruments.

### Major Collaboration with Industries and Universities:

SJBIT endow with additional Industrial training in research laboratory equipping students handling live projects to make students to enhance their employability and become productive from the day one to their employers. SJBIT's main association ship with universities and industries are:

**Bielefeld University, Germany**

**M/s. Bosch Rexroth India Pvt. Ltd.**

**M/s. Tata Consultancy Services Ltd.**

**M/s. Wipro Technologies,**

**M/s. Sharp Software Development Ltd.**

**M/s. Microsoft Corporation (India) Pvt. Ltd.**

**M/s. National Instruments (India) Pvt. Ltd.**

**M/s. Power R & D, Consultants Pvt. Ltd.**

**M/s. Finesse IT Labs Pvt. Ltd.**

**M/s. Bio Axis DNA Research Centre Pvt. Ltd.**

### About Civil Engineering Department

The Civil Engineering Department was started in the year 2009-10. It is committed to continuously improve the quality of education by enhancing the knowledge of student and faculty members. The Department with highly qualified faculty is well equipped with centralized laboratories having the latest configurations and software tools. Teaching methodologies are in continuous upgradation to meet the industry requirements through advanced classroom learning, interaction with Industry Professionals and so on. The department presents a unique opportunity for faculty and students by periodically conducting workshops/ seminars. The department has several ongoing R & D projects and also serves the industry through consultancies.

### Course Objectives

Mathematical models are important in engineering because they help to explain known physical phenomena and predict their behaviour in time. They offer convenience and cost advantages over other means of obtaining the required information on reality. Further, MATLAB is a programming

language with excellent programming features and graphics capability. It has many inbuilt function which can be used by engineers who are not professional programmers to model and solve engineering problems. Therefore, this workshop aims at providing a forum for UG/PG level faculties, PG students and research scholars in civil engineering to upgrade their skills regarding mathematical modelling and programming aspects. The principal objective of this workshop is to present the fundamental aspects of mathematical modelling and programming techniques using MATLAB platform to solve real world engineering problems. The workshop is packed with eminent speakers and hands on sessions which will enlighten the participants not only with aspects of mathematical modelling but also nuances of MATLAB programme to solve engineering problems.

### Invited Speakers

**Dr. K S Jagadish**, Retd. Professor, IISc., B'lore

**Dr. Devaraju V**, Research Professor, Dr. AIT, B'lore

**Dr. L Govindaraju**, Professor, UVCE, B'lore

**Dr. Chandregowda C**, Assoc. Professor, JIT, B'lore

### Registration Fee

Faculty from Academic Institutions **Rs 1000 /-**

Note: Restricted only to 25 participants; based on first come first serve basis.

Send duly filled in application forms with DD in favour of “Principal, SJBIT”, payable at Bengaluru. Duly filled in digital forms with DD number can be mailed to **civhod@sjbit.edu.in** along with a physical copy to the Civil Engineering Department.

Important Dates: Last date of Registration : **02 Jan 2020**

Confirmation to Participants : **03 Jan 2020**

### Happy to Help You

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Dr. Naveenkumar D T - +91 9632553840