



||JAI SRI GURUDEV||  
Sri Adichunchanagiri Shikshana Trust (R.)



## SJC INSTITUTE OF TECHNOLOGY

(VTU Affiliated, AICTE Approved, accredited by NBA (CSE, ECE, ME, CV, IS, AE) and NAAC)  
Chickballapur - 562 101, Karnataka

In association with

## Visvesvaraya Technological University

Belagavi – 590018



Six Days FDP (Virtual Mode)

on

## “Object Oriented Programming with Java”

Nov-28<sup>th</sup> to Dec-3<sup>rd</sup>, 2022

Jointly Organized By

Department of Computer Science & Engineering

and

Department of Information Science & Engineering



### Vision

*Preparing Competent Engineering and  
Management Professionals to Serve the Society*

## ABOUT THE INSTITUTION

SJC Institute of Technology (SJCIT) is a premier institute, established in 1986 by Sri Adichunchanagiri Shikshana Trust(R) founded in 1974 by the divine soul Paramapoojya Jagadguru Byravaikya Padmabhusan Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji. The trust is under the astute visionary & spiritual guidance of Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji. SJCIT is one of the renowned technical institutions providing quality education in Karnataka. The college campus is spread over 64 acres of lush green environment and is located near Muddenahalli, the birthplace of the Architect of Modern India, Bharat Ratna Sir M. Visvesvaraya. The college is situated on Bengaluru - Bellary National Highway (NH-44) about 50 kms from Bengaluru and 20 kms from Kempegowda International Airport. Institution is accredited by NBA (CSE, ECE, ME, AE, ISE, CV) and NAAC, offers Eleven UG Courses: CSE, ISE, CSE (AI&ML), ECE, ME, CE, AE, AS, AI&DS, CSD, B.Sc.(Honours) and Six PG Courses including MBA. The institute has an excellent track record of results with university ranks and placements in past years. Along with academics the students also participate and excelled in extra-curricular and co-curricular activities through active cultural, sports and social groups. Our goal is to mould highly skilled technical and management professionals with a wide range of analytical, strategic and leadership capabilities to meet the global challenges. Some of the highlights of our institution are as follows:

- 36 years of excellence with relentless service to society imparting quality education.
- 3000+ Students and 24000+ alumni network.
- 200+ Experienced, well qualified and Passionate faculty with 50+ Doctorates and 90+ are pursuing Ph.D.
- Training and Expert Guidance on Technical Domains for Placement and Career Development with blended training model using automated training tools.
- BGS-SJCIT Incubation foundation, IP Cell, EDC, CoEs, Student Excellence and Empowerment Development Center (SEED).
- BGS R&D Centre-BARC, NAIN-KITS, BOSH REXROTH Automation Centre.
- MoUs with reputed companies leading to Internships, Projects and Industry visits.

## ABOUT VTU

VTU is one of the largest Technological Universities in India with 20 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. It came into existence in the year 1998 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. The University has revised the syllabus for UG and PG from the academic year 2021 complying NEP. It has four regional centers: Belagavi, Bengaluru, Kalaburagi and Mysuru. The university has 219 affiliated colleges, 1 constituent college and 17 Autonomous colleges with UG courses in 35 disciplines, PG courses in 94 disciplines and Ph.D. & M.sc(Engg.) with research programs in 592 departments. Over 4 lakhs Engineering Students study in the various institutes affiliated to the University. The VTU has 13QIP centers and 16 extension centers for offering PG programs. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

## ABOUT THE FDP

In pursuance with the directives of VTU, six days faculty development program on “Object Oriented Programming with Java” for faculty members of CSE/ISE department and also allied disciplines of CSE.

Objectives of the FDP:

- Reinforce the understanding of object-oriented concept in programming.
- To train the teachers and provide solutions to all the prescribed problems of **OBJECT ORIENTED PROGRAMMING WITH JAVA LABORATORY [ 21CSL35]** course of 3rd semester BE in CSE and allied branches.
- Using java programming to develop programs for solving real world problems.

## OUTCOME

Participants will be able to interpret and effectively implement Object Oriented Concepts to Develop Programs using Java.

## WHO CAN ATTEND THE WORKSHOP?

Faculty from CSE/ISE & allied branches from VTU affiliated and Autonomous Institutions.

## REGISTRATION

Registration should be done through Google form. **Last Date for Registration: 27/11/2022**

Registration Link:

<https://forms.gle/9NAXHCsMUMaJNwv7>

Registration Fee: Rs.200/-



QR-Code for  
Registration



QR-Code for Payment

Account Holder Name: The Principal, SJCIT

Account Number: 141501000097

Bank Name: ICICI, IFSC: ICIC0001415

## Mission

- Providing Students with a Sound Knowledge in Fundamentals of their branch of Study.
- Promoting Excellence in Teaching, Training, Research and Consultancy.
- Exposing Students to Emerging Frontiers in various domains enabling Continuous Learning.
- Developing Entrepreneurial acumen to venture into Innovative areas.
- Imparting Value based Professional Education with a sense of Social Responsibility.

## ABOUT SRIADICHUNCHANAGIRI SHIKSHANA TRUST(R.)

Sri Adichunchanagiri Shikshana Trust (R.), founded in the year 1974, runs 500+ institutions, moulding 150000+ students with the divine blessings of our founder President **Paramapoojya Jagadguru Byravaikya Padmabhushan Sri Sri Sri Dr. Balangadharanatha Maha Swamiji** who had a vision of serving the humanity in eight fold areas of Adhyathmika (Spirituality), Anna (Free Food), Akshara (Knowledge), Arogya (Health), Ashraya (Shelter), Anukampa (Helping Hands), Aranya (Afforestation), Akalu (Cattle Protection) was exemplary and noteworthy. He was rewarded and conferred with innumerable titles for his services in the field of Education, Health, Spiritual, Moral, Social, Cultural and Environmental activities.

Our present President **Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji**, aided by his educational background and interest in Engineering has incorporated Modern Technologies and revolutionized the functioning of all the Institutions of Shikshana Trust. He has taken up the initiative of introducing computerized working environment in all the Academic and Administrative activities of the institutions. The Vision of our Maha swamiji is to follow the footsteps of his Guru, working tirelessly to **“Preserve, Promote, Pursue and Progress with Passion in the Path of his Patriarch”**. His Holiness was conferred with “Doctor Honor is Causa” (Honorary Doctor of Science) by the University of Mysore, Karnataka in 2016.

### DIVINE BLESSINGS

**His Holiness the Divine Soul Paramapoojya Jagadguru Byravaikya Padmabhushan Sri Sri Sri Dr. Balangadharanatha Maha Swamiji**  
Founder President, Sri Adichunchanagiri Shikshana Trust(R)

### CHIEF PATRONS

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

### Dr. S. Vidyashankar

The Honorable Vice Chancellor,  
Visvesvaraya Technological University, Belagavi

### PATRON

**Poojya Sri Sri Mangalanatha Swamiji**  
Secretary, SACST (R), Chikkaballapur

### GENERAL CHAIR

**Dr. B. Sadashive Gowda**  
Dean Faculty of Engineering  
Visvesvaraya Technological University, Belagavi

### PROGRAM CHAIR

**Dr. G T Raju**  
Principal, SJCIT

### ORGANIZING CHAIR

**Mr. Suresha J**  
Registrar, SJCIT

### CONVENERS

**Dr. Manjunatha Kumar B H**  
Prof., & HOD, Dept of CSE, SJCIT

**Prof. Satheesh Chandra Reddy**  
Associate Professor & HOD, Dept of ISE, SJCIT

### RESOURCE PERSONS

**Dr. G T Raju**  
Principal, SJCIT  
**Dr. Ramakanth Kumar P**  
Prof. & HOD., Dept of CSE, RVCE-Bengaluru  
**Dr. Padmashree**  
Associate Professor, Dept of ISE, RVCE-Bengaluru  
**Dr. Sowmya Lakshmi**  
Asst. Prof, Dept of AIML, BMSCE-Bengaluru  
**Dr. Manjunatha Kumar B H**  
Prof., & HOD, Dept of CSE, SJCIT  
**Mr. Pradeep**  
Asst. Prof, Dept of CSE, BMSCE-Bengaluru  
Research Scholar, IIT, Kharagpur  
**Mr. Narasimha Swamy**  
Asst. Prof, Dept of AIML, RVCE-Bengaluru  
**Mr. Gaurav Kumar**  
Analyst  
KPMG Global Services Pvt. Ltd.  
**Mr. Adithya Nawada**  
Senior Engineer  
LTI-Mindtree  
**Mr. Pradeep Kumar G M**  
Asst. Prof., Dept. of CSE, SJCIT  
**Mr. Girish B G**  
Asst. Prof., Dept. of CSE, SJCIT  
**Mr. Abdul Khadar A**  
Asst. Prof., Dept. of ISE, SJCIT  
**Mr. Srinivasa Biradar**  
Asst. Prof., Dept. of CSE, SJCIT

### ORGANIZING COMMITTEE

Mr. Manjunatha P V, Asst. Prof., Dept. of CSE  
Mr. Ashok K N, Asst. Prof., Dept. of CSE  
Mrs. Gavina C G, Asst. Prof., Dept. of CSE  
Mrs. Mamatha G, Asst. Prof., Dept. of CSE  
Mr. Yogaraja G S R, Asst. Prof., Dept. of ISE  
Mrs. Vindhya L, Asst. Prof., Dept. of ISE  
Mrs. Susheelamma K H, Asst. Prof., Dept. of ISE  
Mrs. Swetha G R, Asst. Prof., Dept. of ISE

## PROGRAM SCHEDULE

Date	Topics	Resource Person
28/11/2022	Preamble about the FDP Introduction: java fundamentals, data types, operators in java	Dr. G T Raju
	Demonstrating creation of java classes, objects, constructors, declaration and initialization of variables, Discuss the various Decision-making statements, loop constructs in java	Dr. Manjunatha Kumar BH  Mr. Srinivasa Biradar
29/11/2022	Object-oriented concept of Inheritance, polymorphism.	Mr. Girish B G
	Method overloading, constructor overloading, overriding	Mr. Pradeep Kumar G M
30/11/2022	Abstraction, packages in java	Dr. Ramakanth Kumar P
	Interface , abstract classes, abstract methods.	Dr. Padmashree
01/12/2022	Creation of threads using Thread class and Runnable interface, Multi-threaded programming.	Dr. Sowmya Lakshmi
	Java Collections. Exception handling in java, introduction to throwable class, throw, throws, finally	Mr. Pradeep
02/12/2022	File operations in java.	Mr. Abul Khadar A
	Java Applet, awt, swings.	Mr. Narasimha Swamy
03/12/2022	Industry Exposure on Java	Gaurav Kumar  Adithya Nawada

**All sessions will start at 6.30 P.M.**

[www.sjcit.ac.in](http://www.sjcit.ac.in)