



|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

S J C INSTITUTE OF TECHNOLOGY

(VTU affiliated, AICTE approved, Accredited by NBA (CSE, ECE, ME) and NAAC)
P.B No. 20, BB Road, Chickballapur - 562 101



Estd. 1986

3-Days Virtual Faculty Development Program on FUNDAMENTALS & APPLICATIONS OF DIGITAL IMAGE PROCESSING (As per revised VTU syllabus) September 27 – 29, 2021



In association with
IIC and SJCIT- IEEE Student Chapter



Organized by
Department of
Electronics & Communication Engineering

Vision of the Institute

SJCIT is committed to Quality Education, Research and Training

www.sjcit.ac.in

ABOUT THE INSTITUTION

Sri Jagadguru Chandrashekaranaatha Swamiji Institute of Technology (SJCIT) is a premier Institute, dedicated to impart quality technical education since 1986 under the ambit of Sri Adichunchanagiri Shikshana Trust (R). With the divine blessings of **Paramapoojya Jagadguru Byravaikya Padmabhushan Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji**, the institute is lead by the astute visionary **Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji**. The college campus is spread over 62 acres of lush green environment and is located near Muddenahalli, the birth place 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. The Institution is accredited by NBA (CSE, ECE, ME) and NAAC, offers Eight UG Courses: CSE, ISE, CSE (AI&ML), ECE, ME, CE, AE& AS and Six PG Courses including MBA along with Eight VTU recognized R&D centers.

ABOUT THE DEPARTMENT

The Department ECE, Established early inception of the Institution offering UG degree in ECE with an intake of 180 and PG degree in Digital Communication & Networking. It is well equipped with state-of-the-art laboratories. The department is strengthened with the dedicated faculty to exploit all the available teaching and training aids to impart quality education. All the laboratories are geared with wide range of Test Equipment and their accessories, modules/models, experimental workbenches to undertake prescribed experiments. Various Training Activities/Seminar/Workshops will be regularly organized to improve the Technical Skills of both faculty and Students. Also corporate trainings are initiated to train the engineers from various companies. Our department provides best training to face campus recruitment for better future of the students. Students from our department have been placed in the top most companies with good packages. Major IT & Electronics companies do visit our campus during recruitment period.

VISION

To achieve academic excellence in electronics and communication engineering by imparting quality technical education and facilitating research activities.

OBJECTIVES OF THE FDP

- To train faculty members on fundamental concepts of digital image processing as per the new prescribed syllabus of 7th semester ECE/TCE of VTU and beyond.
- To strengthen the faculty members to guide the students on fundamentals and applications of digital image processing.

WHO CAN ATTEND THE FDP?

Faculty members handling the fundamentals and applications of digital image processing subject from VTU affiliated & Polytechnic Colleges and other interested candidates from academia and Industry.

PROGRAM SCHEDULE

Days	Timings	Contents	Resource Person
Day - 1 (27/09/2021)	Session - 1 9:30 -11:30	Keynote Address and Digital Image Fundamentals	Dr. B H Shekar Professor, Mangalore University
	Session - 2 01:30-3:30	Image Sampling and Quantization	Dr. Hanumantharaju M C BMSIT, Bangalore
Day - 2 (28/09/2021)	Session - 1 9:30 -11:30	The Discrete Fourier Transform DDFT	Dr. C K Narayannappa Prof. & HOD MSRIT, Bangalore
	Session - 2 01:30-3:30	Image Enhancement in Spatial Domain	Dr. Ramakanth Kumar P Prof. & HOD RVCE, Bangalore
Day - 3 (29/09/2021)	Session - 1 9:30 -11:30	Image Restoration in Spatial & Frequency Domain	Dr. Shiva Kumar B R Asso. Prof. BIT, Bangalore
	Session - 2 01:30-3:30	Morphological Image Processing	Dr. B N Shobha Prof. & HOD SJCIT, Chickballapur

ADICHUNCHANAGIRI MAHASAMSTHANA MUTT

Sri Adichunchanagiri Mahasamsthana Mutt with its roots firmly embedded in the folds of time (1500 Years), situated on rocky hill, 63 miles west of Bengaluru, Karnataka, has been working towards the betterment of human life and society. Following the 'Guru' Parampara, the mutt has been striving to elevate mankind. The mutt's benevolent activities of social service gained an accelerated momentum with the divine blessings of 71st Pontiff **Paramapoojya Jagadguru Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji**. Poojya Maha swamiji was a great visionary with a perfect blend of science and spirituality. He was primarily instrumental in establishing Sri Adichunchanagiri Shikshana Trust that runs more than 500+ Educational institutions catering for about 150000 students across the country to impart quality education from primary to Professional Courses with a special focus on young people of semi-urban and rural areas.

Following the footsteps of his Guru, the 72nd Pontiff **Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji** working tirelessly to "Preserve, Promote, Pursue and Progress with Passion in the Path of his Patriarch", is a guiding spirit for the development of education and social activities all over Karnataka and other parts of the country. Poojya 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.

IMPORTANT DATES

Last Date for Registration: 22/09/2021
Confirmation through E-Mail: 24/09/2021

REGISTRATION

Registration Fee: Rs. 300/-

Account Details:

Name: The Principal SJCIT
Account No.:141501000097
IFSC Code: ICIC0001415
Bank: ICICI BankLtd.
Branch: Devanahalli.



****Online payment can also be done by using the QR Code ****

The registration form can be downloaded from the college web site: www.sjcit.ac.in

Please send the filled-in applications by E-mail to sjcitece2021@gmail.com.

Also, fill the details in the Google form: <https://forms.gle/BkoojQbemow9PumL8>

BLESSINGS

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

CHIEF PATRON

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

PATRON

Poojya Sri Sri Mangalanatha Swamiji
Secretary, SAST (R), Chickballapur

Dr. N Shivarama Reddy

Chief Administrative Officer, SAST (R), Chickballapur

ORGANIZING CHAIR

Dr. G T Raju
Principal, SJCIT, Chickballapur

CONVENER

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ORGANIZING COMMITTEE

Mrs. Shwetha V, Asst. Prof., ECE
Mr. Ravikiran R, Asst. Prof., ECE
Mr. Ravi M V, Asst. Prof., ECE
Mr. Madhukar S, Asst. Prof., ECE



REGISTRATION FORM

3-Days Virtual Faculty Development Program on FUNDAMENTALS & APPLICATIONS OF DIGITAL IMAGE PROCESSING

(As per revised VTU syllabus)

September 27 - 29, 2021

Name:

Designation:

Qualification:

Department:

Institution:

Mobile No:

Email-ID:

UPI Transaction ID:

Address for correspondence:

Signature of the Participant

Sponsorship Certificate

Dr./Mr./Mrs.....
is a faculty of our Institution/College/University and is sponsored / permitted to attend 3 - Days FDP on Fundamentals and Applications of Digital Image Processing.

Signature of the Principal/
Head of the Department with seal

Place:

Date:

Note: A photocopy of this form may be used.