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 under the guidance of pontiff, **His Holiness Jagadguru Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji**.

Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji is a guiding spirit for the development of education and social activities all over Karnataka and other parts of the country. Under his guidance, the trust has established many schools & colleges in the rural and urban parts of the country.The mutt is dedicated to the cause of quality education, health and managing in more than 515 institutions all over Karnataka, Andhra Pradesh, Delhi, Tamilnadu, Maharashtra and other parts of the country. More than 1,50,000 students are studying and getting the benefit.

IMPORTANT DATES

Last Date for Registration   :12/10/2022
Confirmation through E-Mail   :15/10/2022

REGISTRATION

Registration fee **Rs 600/-** for 5 days, includes registration kit, lunch and certificate. The online fee payment could be done using the given 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: sjcitfdp2022@gmail.com

Also, fill in the details in the Google form:
https://forms.gle/PLwnnv9bu6ham3ga6

DIVINE BLESSINGS:
His Holiness, The Divine Soul, Jagadguru Padmabhushan Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji, Founder President, Sri Adichunchanagiri Shikshana Trust[R]

CHIEF PATRON:
His Holiness Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, President, Sri Adichunchanagiri Shikshana Trust[R]

PATRON:
Poojya Sri Sri Mangalanatha Swamiji
Secretary, SACST, Chickballapur

PROGRAM CHAIR:
Dr. G T Raju
Principal, SJCIT, Chickballapur

ORGANIZING CHAIR:
Sri. Suresha J
Registrar, SJCIT, Chickballapur

CONVENER:
Dr. B N Shobha, Prof. & Head, Dept. of ECE

CO-ORDINATORS:
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Dr. S Bhargavi, Professor, Dept. of ECE

TECHNICAL COMMITTEE:
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Dr. Levy M, Professor, Dept. of ECE
Dr. Sudhir P, Assoc. Professor, Dept. of ECE
Dr. Rangaswamy C, Assoc. Professor, Dept. of ECE
Dr. Pranjala Tiwari, Assoc. Professor, Dept. of ECE
Prof. Shwetha V, Asst. Professor, Dept. of ECE
Prof. Manjula K, Asst. Professor, Dept. of ECE
Prof. Ravi M V, Asst. Professor, Dept. of ECE
Prof. Madhukar S, Asst. Professor, Dept. of ECE

ADVISORY COMMITTEE:
Dr. Deepak K T, Professor, Dept. of EEE, IIT, Dharwad
Dr. Narayanappa C K, Prof. & HOD, Dept. of ML, MSRIT
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Dr. Sridhar S, Prof. & Head, Dept. of ECE, APSCE, B'lore
Dr. Sanjeev Kubakaddi, Director, itie Knowledge Solutions, Bangalore

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SJC INSTITUTE OF TECHNOLOGY
(VTU affiliated, AICTE approved, Accredited by NAAC & NBA, Gold Rated by QS I-Gauge)
P.B No. 20, BB Road, Chickballapur - 562 101

5-Days Faculty Development Program
on
FUNDAMENTALS & APPLICATIONS OF BASIC SIGNAL PROCESSING
(As per revised NEP-VTU Syllabus)

OCTOBER 18-22, 2022

Organized by
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING & RESEARCH CENTRE
In association with IEEE Student Chapter & IEEE-Bangalore Section, IQAC and IIC

Vision of the Institute

Preparing Competent Engineering and Management Professionals to serve the Society

ABOUT THE INSTITUTION

SJC Institute of Technology (SJCIT) is a premier institute, dedicated to impart quality education since 1986. With divine blessings of Paramapoojya Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji, the institute is managed by Sri Adichunchanagiri Shikshana Trust[R]. The trust is under the astute visionary & spiritual guidance of Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji. The college campus is spread over 64 acres of lush green environment and is located near Muddenahalli, the birth place of the Architect of Modern India, Bharath 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, NAAC and offers ten UG Courses: ECE, CSE, CSE (CS&D), CSE (AI&ML), CSE (DS), ISE, MECH, CV, AE & AS and Five PG Courses in Engineering and MBA along with Eight VTU recognized R&D centers.

ABOUT THE DEPARTMENT

The Department of ECE, established in 1986 is offering UG degree with an intake of 180, PG degree in Digital Communication & Networking and also has Research centre. 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. Students from our department have been placed in the top most Companies with good packages. Some students have been inducted into foreign universities for higher studies and Research programs.

Vision of the Department

To Achieve Academic Excellence in Electronics and Communication Engineering by Imparting Quality Technical Education and Facilitating Research Activities

OBJECTIVES OF THE FDP

- To prepare Faculty Members with knowledge in fundamental & Advanced concepts in the field of Signal Processing involving vector spaces and orthogonality with a qualitative insight into applications in communications.

- To equip Faculty Members well versed with quantitative parameters for Matrices & Linear Transformations, the mathematical description of discrete time signals and systems, analyzing the signals in time domain with hands on sessions.

- ## PROGRAM SCHEDULE:

Days	Timings	Contents	Resource Person
Day – 1 (18/10/2022)	Session - 1 9.30am-12:30pm	Inauguration & Keynote Address	Dr. Rathna G.N. Principal Research Scientist, IISC. Bangalore
	Session – 2 1:30pm-3:30pm	Vector spaces and Dimensions of the four subspaces.	Dr. Saneesh Cleatus Thudiyil, Assoc, Prof. BMSIT, B'lore
Day – 2 (19/10/2022)	Industrial Visit to Indian Institute of Astrophysics, Gouribidanur		Dr.Barve Indrajit Vittal, Scientist M. Rajesh, JRF
Day – 3 (20/10/2022)	Session - 3 9.30am-12:30pm	Eigen Values & Eigen Vectors.	Dr. D S Swetha Professor, PES University, B'lore
	Session – 4 1:30pm-3:30pm	Time Domain representation of LTI System	Dr. K B Raja, Prof. & Chairman, Dept. of ECE, UVCE
Day – 4 (21/10/2022)	Session - 5 9.30am-12:30pm	Basic operations on Signals	Dr. H V Kumaraswamy Professor, RVCE, B'lore
	Session – 6 1:30pm-3:30pm	System Classification & Properties	Prof. Nagaraju P Assoc. Professor, RVCE, B'lore.
Day – 5 (22/10/2022)	Session -7 9.30am-12:30pm	Hands-on Session, Practical Component of IPCC by Python	Dr B N Shobha Prof. & Head Dept. of ECE, SJCIT
	Session – 8 1:30pm-3:30pm	Valedictory Function	High Tea

‖ jai sri gurudev ‖
Sri Adichunchanagiri Shikshana Trust (R)

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To,

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