



TOPICS COVERED

- Machine Vision for Mechatronic Engineering Application
- Research Challenges In Medical Imaging
- Image Processing In Biometrics - An Overview
- Applications of image processing in engineering and technology-An Overview
- Deep learning in medical image analysis
- Deep Learning Techniques for Plant Classification-A Review
- Applications of Image Processing in Agriculture

ORGANIZING COMMITTEE

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Associate Professor/IT

Mr.M.Marimuthu

Assistant Professr/IT

REGISTRATION LINK



<https://forms.gle/kY95kHEtRaHzVCtw8>

ADDRESS FOR COMMUNICATION

The Coordinator

FDP on Recent Research Issues on Digital Image
Processing

Department of Information echnology

Sri Ramakrishna Institue of Technology

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INSTITUTION'S INNOVATION COUNCIL (IIC)

INITIATED

FACULTY DEVELOPMENT PROGRAMME

ON

RECENT RESEARCH ISSUES ON DIGITAL IMAGE PROCESSING

23rd to 27th May, 2022

COORDINATORS

Dr. R. Nagendran

Mr. M. Marimuthu



Organized by

Department of Information Technology

SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(NAAC Accredited Institution with 'A' Grade & Accredited by NBA)

Pachapalayam, Perurhettipalayam, Coimbatore, Tamil Nadu - 641010

Ph: 0422 2605577, www.srit.org

ABOUT THE INSTITUTION

Sri Ramakrishna Institute of Technology (SRIT), an Autonomous Institution, affiliated to Anna university is one among the most eminent Educational Institutions in Coimbatore District. SRIT is recognized as one of the leaders in Engineering Education, Research and Application of knowledge for the betterment of the society and the country. The college has imprinted a position in the Engineering Education by creating graduates to the industry and the society. Since its inception in the year 2002, the institution has been continuously motivated to make a permanent mark in the education field by creating technocrats, sound in academics and value system. SRIT is one of the seventeen leading institutions managed by SNR Sons Charitable Trust which includes Polytechnic College, Schools, Dental College, Colleges of Pharmacy, Physiotherapy, Arts & Science, and Advanced Training Institute. The institution is located in a tranquil environment appropriate for constant learning. It is situated at the outskirts of the city. Well-constructed buildings with state-of-the-art educational aids are spread over the 49.99 acres with built up area of 65,117 Sq.m. The college has offered 5 UG Programmes and 3 PG Programmes.

ABOUT THE DEPARTMENT

The Department of Information Technology was established in the academic year 2006-07. It is accredited by NBA. The members of the faculty include experienced and well qualified Senior Professors and other dynamic young staff members. Extensive computational facilities are provided with modern hardware and licensed software like IBM Rational Rose, StarUML, Netbeans, .NET, L-SIM, N- SIM, OPNET Simulators, MATLAB and IoT Lab. Quality and experienced members of faculty are assets to this Department. The Department is headed by Dr.M.Suresh Kumar, who has more than 25 years of teaching experience. The Department aims at creating quality engineers with sound technical knowledge and awareness of the latest advancements in existing and emerging technologies.



ABOUT THE FACULTY DEVELOPMENT PROGRAMME

The Faculty Development Program throws light on promising research areas such as Imaging, Pattern Recognition and its diverse applications. The rapid increase in computing power and communication speed coupled with computer storage, have led to a new age of digital image applications such as Super Health Furret, Computer Vision, Health Care Applications, Data Hiding, Hyper spectral Remote Sensing, Biometric Applications. All the aforementioned requirements have opened up new avenues for research in signal processing, image / video processing and analysis, multimodal biometrics. The challenges and issues in the potential research areas are to be explored in view to inculcate a research attitude among the faculty members. The FDP aims at equipping teachers with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects in image processing.

RESOURCE PERSONS



Ts Dr Fathinul Syahir Bin Ahmad Saad
Senior Lecturer
Mechatronic Engineering
Faculty of Electrical Engineering Technology
Universiti Malaysia Perlis (UniMAP) Malaysia.



Dr. Abdul Halim Ismail
Program Chair / Senior Lecturer
Mechatronic Engineering Program
Faculty of Electrical Engineering Technology
Universiti Malaysia Perlis (UniMAP) Malaysia.



Dr. C.R. Hema
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Dr. P. Malin Bruntha
Assistant Professor
Department of ECE
Karunya University
Coimbatore

ELIGIBILITY CRITERIA

Faculty members, Research Scholars and PG Students from AICTE Recognized Institution are only eligible to apply.

ONLINE PLATFORM

- The entire program will be conducted through online mode.
- The details of the online platform and meetinlink will be communicated to the selected participation through their registered E-Mail.