

IMPORTANT DATES

Last date for Online registration/
Paper Submission : 20th Feb, 2018

Intimation of Selection : 27th Feb, 2018

Programme Dates : 1st & 2nd Mar, 2018

The registration fee can be paid on the first day of
the program in the venue itself

Registration Fee :

PhD Scholars & Faculty : Rs 500

M.Tech & B.Tech Students : Rs 300

Paper presenters (M.Tech/PhD) : Rs 300

ADDRESS FOR COMMUNICATION:

Prof. R. Mariappan

Programme Secretary & Dean (R &D)

S. V. College of Engineering

Tirupati -517507 A.P.

Email: prof.mariappan.r@svcolleges.edu.in

For [Registration & Paper submission](#)



Scan the QR Code at Right

Or Click here: <http://l.ead.me/bar7e9>

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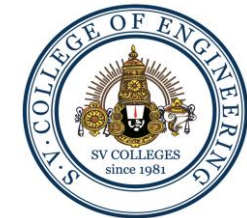


ICMR Sponsored National Workshop

on

Bio-Medical Imaging and Analysis with Deep Learning Techniques

1st & 2nd March 2018



**Organized
by**

DEPARTMENT OF ECE

S V COLLEGE OF ENGINEERING

**Karakambadi Road
Tirupati-517507**

ABOUT SVCE:

Sri Venkateswara College of Engineering (SVCE) is a part of SV Colleges group and established in 2007, permanently affiliated to Jawaharlal Nehru Technological University Ananthapur (JNTUA) and approved by the AICTE, New Delhi. SVCE, Tirupati is offering courses for B. Tech under Civil, Mechanical, EEE, ECE, CIVIL, CSE & IT and also offering Post Graduation courses – M. Tech in ECE, CSE, EEE & Mechanical Engineering, MBA and MCA. Among these, 3 B. Tech programs were accredited by NBA, New Delhi. SVCE Tirupati is accredited by NAAC with ‘A’ Grade. The campus is enabled with high speed Wifi and state-of-art laboratories. All class rooms are equipped with LCD projectors and laptops for better Student-Teacher interaction, productivity and communication which make teaching and learning simpler and enjoyable. The R & D Centre of SVCE has established Innovation and Entrepreneurship Development Centre (IEDC) for promoting startup culture among the students.

About the Department:

The Department of ECE has highly qualified and rich experienced faculty with the aim of providing quality educational service. The Department has good infrastructural facilities and is equipped with full fledged laboratories. It focuses its research on Image processing, Communication Engineering, VLSI & ES etc.

ABOUT THE WORKHOP

With a massive influx of multimodality data, the role of data analytics in health informatics has grown rapidly in the last decade. This has also prompted increasing interests in the generation of analytical, data driven models based on machine learning in health informatics. Deep learning, a technique with its foundation in artificial neural networks, is emerging now as a powerful tool for machine learning, promising to reshape the future of artificial intelligence.

This workshop aimed to identify deep learning techniques and their use in medical imaging. The outcome of the seminar shall address major obstacles and challenges, field invest resources in the next decade in order to ensure the most impact in healthcare, medicine and medical imaging. The seminar focuses on the development of the Deep Learning in Medical Imaging and its application in healthcare.

PROGRAM CONTENT

- Applications of spectral methods in medical Images
- Applications of Machine learning algorithms for medical image processing
- Applications of Deep Learning in medical Images and Videos
- Deep Learning Tools and MATLAB Programming
- Research Presentations of PhD & M.Tech Scholars.

RESOURCE PERSONS:

Experts from Academia and industries

CALL FOR PARTICIPANTS & RESEARCH PAPERS

The faculty members, PhD Scholars, M.Tech/B.Tech students are invited to register for participation. As a part of the Workshop, good research papers with obtained results in the following topics.

- **Digital Image Processing,**
- **Biomedical Image Processing**
- **Biomedical signal processing**
- **Deep Learning Algorithms & Tools**
- **Deep Learning in Image Processing**
- **Machine learning applications on the above, etc.**

The article shall be prepared in single column format comprising Title, Abstract, Introduction, Related Work, proposed system, Implementation Methodology, Results & Discussion, Conclusion and References. The submission of papers will be through [online link](#) only. The selected papers will be published in the Proceedings.