MATRUSRI ENGINEERING COLLEGE

IEEE Signal Processing Society

IEEE SPS SEASONAL SCHOOL

January ,2023

Recent Advances in Signal Processing and Coding Techniques using Simulation Studies

Chief Patron(s):

Dr K P Srinivas Rao
Chairman, MES
Mr. M.Krishna Kumar
Secretary, MES

Patron:
Dr D Hanumantha Rao
Principal, MECS

Head of the Department:
Dr N Srinivasa Rao

Convener:
Dr I.Sharath Chandra
Associate Professor,ECE

Dates:
23-01-2023 to
31-01-2023

Venue:
Sri Konijeti Venkata Ratnam Seminar Hall, MECS

About IEEE Signal Processing Society(SPS):
Signal processing is the enabling technology for the generation, transformation, extraction, and interpretation of information. It comprises the theory, algorithms with associated architectures and implementations, and applications related to processing information contained in many different formats broadly designated as signals. The Signal Processing Society is an international organization whose purpose is to: advance and disseminate state-of- the-art scientific information and resources; educate the signal processing community; and provide a venue for people to interact and exchange ideas.

About the College:
Matrusri Engineering College, Saidabad, Hyderabad, Telangana, was established by Matrusri Education Society in 2011 aiming at becoming a pioneer in Technical Education in the private sector. The college offers courses in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology and Mechanical Engineering. The UG programs in engineering have been accredited by NBA. It is an ISO 9001:2015 certified Institution. The college runs with a team of highly qualified and experienced faculty members and state of the art equipment in all departments.

About the program:
The main objective of the Seasonal school is to provide a platform to create awareness on recent developments in Signal Processing and its applications to the latest technological developments. The school offers lectures, simulation studies and interactive sessions that provide knowledge and give participants the chance to exchange about their own ideas.

Resource Persons:
From IITs/IIITs/NITs/Organisations of High Repute.

Target audience:
SPS members, Academic faculty, Persons from Industry, Research scholars, practitioners, PG students who have a strong focus on Signal processing.

Topics to be covered:
Fundamentals of Signal Processing, Transformation techniques
Adaptive Signal Processing
Fundamentals of Speech Signal Processing
Fundamentals of Image processing
Medical Image Processing
Signal Processing for Communications
Radar Signal Processing
Electronic Warfare
VLSI architectures for Signal Processing

Registration fee:
Non Members: 3500
IEEE Members: 3000
IEEE SPS Members: 2750
IEEE Student Members: 2500
IEEE SPS student Members:2000

Registration Link:
https://forms.gle/CjkBdGHL1cWoy1eL6

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