



RSET
RAJAGIRI SCHOOL OF
ENGINEERING & TECHNOLOGY

About the Institution:

Rajagiri School of Engineering & Technology (RSET), Kakkanad, Kochi, is a premier educational institution offering excellence in engineering education and research. RSET is affiliated to the A.P. J. Abdul Kalam Technological University, Trivandrum, Kerala from the 2015 admissions onwards, and had been affiliated to the Mahatma Gandhi University, Kottayam, Kerala from 2001 to 2014 and approved by the All India Council for Technical Education, New Delhi.

The institution offers undergraduate programmes in:

- ☐ Applied Electronics & Instrumentation Engineering
- ☐ Civil Engineering
- ☐ Computer Science & Engineering
- ☐ Electrical & Electronics Engineering
- ☐ Electronics & Communication Engineering
- ☐ Mechanical Engineering
- ☐ Information Technology

Post graduate programmes in:

- ☐ VLSI & Embedded Systems
- ☐ Computer Science & Information Systems
- ☐ Signal Processing
- ☐ Industrial Drives and Control
- ☐ Network Engineering
- ☐ Communication Engineering

About the Department

The Department of Applied Electronics & Instrumentation is started in the year 2001. The department has well equipped laboratories, and faculty with rich experience from industry and R&D. The process control laboratory with its DCS and associated instruments is recognised to be one of the best of its kind in South India. The department has been successful with university ranks and placement for most of its students.

ORGANIZING COMMITTEE

Chief Patron:

Rev. Fr. (Dr.) Mathew Vattathara CMI

Advisory Committee

Dr. A Unnikrishnan

Principal, RSET

Dr. John M George

Vice principal, RSET

Ms. Liza Annie Joseph

HoD, AE&I

Coordinators

Ms V. Meena

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Mr. Hari C V

Assistant Professor, Department of AE&I

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Registration Details:

Registration Fee: Rs. 500 /-

(Amount will be fully refunded on successful participation)

(Crossed cheque in favour of "Rajagiri School of Engineering & Technology" should reach the address given below on or before 3rd July 2018)

For Registration: Contact the coordinators or

visit <https://goo.gl/forms/92d5TILcJ5sBokCx1>

Last Date of Registration: 29th June 2018

Address for Communication:

Ms. Meena V / Mr Hari C.V.

Coordinator, FDP on Signal Processing – From Fundamentals to Challenges

Department of Applied Electronics & Instrumentation Engineering

Rajagiri School of Engineering & Technology, Kochi – 682 039



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Organized by
Department of Applied Electronics &
Instrumentation Engineering (AEI)
Rajagiri School of Engineering & Technology,
Kochi, Kerala

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“Five Day Faculty Development Programme on Signal Processing: From Fundamentals to Challenges”

9th July 2018 to 13th July 2018

Financially Sponsored by APJ Abdul Kalam Technological University

Organized by

Department of Applied Electronics & Instrumentation Engineering (AEI)



About the Programme

Apart from strengthening the fundamentals in the area of Signal Processing, the FDP aims at exposing the various challenges faced by industry to the participants which could be taken up as research problems. A hands-on session which deals with the real time implementation of DSP algorithms on Texas Instruments DSP kit is envisaged to cater to the lab requirements of DSP lab which is part of the KTU syllabus. A hands-on session on implementation of Machine Learning techniques will also be provided. Industrialists from leading industries and eminent academicians from reputed institutions are handling the sessions.

Topics Covered:

- Linear Algebra
- Medical Imaging
- Machine Learning
- Sonar Signal Processing
- Statistical Methods on Signal Processing
- Signal Estimation & Detection Challenges
- Video Processing

External Resource Persons:

1. Dr. Jiji C.V. , Professor, College of Engineering, Thiruvananthapuram
2. Dr. Muralikrishnan K, Associate Professor, NIT Calicut
3. Dr. Tony Jacob, Assistant Professor, IIT Guwahati
4. Mr Sudheer K, Delivery Head, Healthcare Equipments, Quest Global, Thiruvananthapuram
5. Mr Jojish Joseph P, Scientist E, NPOL, Kochi
6. Mr. Shailesh Ramamoorthy, Director, Competency Center, Ittiam systems (P) Ltd.
7. Mr Siby Charley P., SDE Level 4, Tektronics India, Bangalore

