

**IETE STUDENTS FORUM (ISF)
SPONSORED
TWO DAY FDP ON
SMITH CHART PRACTICE FOR
RF AMPLIFIER AND
MATCHING NETWORKS
28th & 29th, June, 2019
REGISTRATION FORM**

Name : _____

Designation & Qualification: _____

Institution /Organization: _____

Communication

Address: _____

Contact No.: _____

Email Id: _____

Accommodation Needed : YES / NO

Payment Details:

DD No. : _____ Date: _____

Bank & Branch : _____

Amount: _____
(Rs. _____)

Signature of the Participant

Declaration:

Mr./Ms./_____

Belongs to our institution and will attend the **IETE Students Forum (ISF) Sponsored Two days FDP** for other college staff on “**Smith chart practice for RF Amplifier and Matching Networks** on **28.06.2019 & 29.06.2019.**”

Signature of the Authority

RF AND MICROWAVE DESIGN

Microwave and millimeter wave high-power vacuum electron devices are essential elements in specialized military, scientific, medical and space applications. They can produce mega watts of power which would be equal to the power of thousands of solid state power devices. In the active phased array antennas for radars and electronic warfare applications, GaAs based hybrid and MMIC amplifiers are used.

Developments within modern nonlinear measurement systems offer an increasing degree of flexibility to the microwave power amplifier (PA) designer. The PA designer has historically been a driving factor in setting the development directions of new measurement systems.

ABOUT THE SEMINAR

As the bridge for development in RF field, the **IETE Students Forum (ISF) Sponsored Two days FDP** for other college staff on “**Smith chart practice for RF Amplifier and Matching Networks** “ is organized in our Department on **28.06.2019 & 29.06.2019.** This will make the participants to enrich their knowledge in design methodologies of RF amplifier with the support of Smith Chart. The various tools used for RF devices design will also be covered which will tune the students to forward their contribution to RF society by doing their project in this domain.

ORGANIZING COMMITTEE

Chief Patron

**Dr. K. Ramakrishnan, Chairman,
K. Ramakrishnan Group of Institutions**

Patron

**Dr. S. Kuppusamy,
Executive Director, KRGI
Dr. S. Muruganandam,
Principal, KRCT**

Organizing Chair

**Prof..S.Syedakbar
HoD/ECE,KRCT.**

Coordinator

**Dr.S.Suganthi, ISF Coordinator
Prof/ECE, KRCT, Trichy
&
Prof.J.Deepa
AP/ECE, KRCT, Trichy**

RESOURCE PERSONS

**Dr. S. Suganthi,
Professor /ECE, KRCT, Trichy.
&
other staff in RF domain**

ADDRESS FOR COMMUNICATION

**The Coordinator,
Department of ECE,
K.Ramakrishnan College of
Technology, Samayapuram,
Trichy – 621 112.**

**Mail id: suganthis.ece@krct.ac.in
Phone No.: 9443169815, 8838170177
9655583886, 9965504077**

ABOUT THE INSTITUTION

K. Ramakrishnan College of Technology (KRCT) is located at Samayapuram, the temple town of Tiruchirappalli district. The college was established in 2010 by K. Ramakrishnan Education and Charitable Trust. The Institution is approved by AICTE and affiliated to Anna University, Chennai and accredited by NAAC with A+ Grade. The college maintains high standards in education, provides a wide array of world class academic facilities and creates an ambience conducive to top quality education. The college stands in the remarkable position among the 506 Engineering colleges affiliated to Anna University, Chennai. The college has been ranked in 22nd place as an outstanding in India by CSR-GHRDC Engineering Colleges Ranking in India.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in 2010. It has well qualified, committed and motivated faculties. The faculty team continuously motivates the students to be recognized as in international leader in engineering arena, research and the application of knowledge to uplift society. The Department Faculties and Students are also powered by the ISTE, EMIC, IEEE and IETE Professional Societies. The department follows enhanced teaching aids like OHP, LCD projection and E-learning which help the students visualize the concepts clearly in an easy and understandable manner.

TOPICS TO BE DISCUSSED

- ∞ RF amplifier design and Stabilization methods
- ∞ Impedance matching-T and Pi network & microstrip matching network.
- ∞ Smith chart problems as per in syllabus

IMPORTANT DATES

Registration Deadline : 25th June, 2019
Registration Confirmation: 26th June, 2019

WHO CAN ATTEND THIS SEMINAR?

- ∞ Faculties from ECE Department
- ∞ Researchers in the RF & Microwave domain.

REGISTRATION FEE

Faculty / Researcher : Rs.600/-

The Registration fee should be paid through demand draft drawn in favor of “**The Principal, K. Ramakrishnan College of Technology**” payable at Trichy.

ACCOMMODATION

Accommodation will be provided in the college campus for the delegates on prior requisition and paid basis of Rs 150./day.

**Two DAY FDP
ON**

SMITH CHART PRACTICE FOR RF AMPLIFIER AND MATCHING NETWORKS

28.06.2019 & 29.06.2019

**Sponsored
By
IETE Students Forum (ISF)**



**Organized
By
DEPARTMENT OF ELECTRONICS
AND COMMUNICATION
ENGINEERING**



**K. Ramakrishnan College of
Technology**

(Affiliated to Anna University & Approved by AICTE
Accredited by NAAC with A+ Grade &
Certified by ISO 9001:2015)

**Samayapuram, Tiruchirappalli,
Tamilnadu – 621 112.**

www.krct.ac.in