

Fourth International Conference



on

Recent Advances in Communication Systems and Technologies

22nd March - 2018

ICRACST - 2018



Organized by

**Department of Electronics & Communication
Engineering**

(Accredited by NBA & DST-FIST Supported Institution)



**FRANCIS XAVIER
ENGINEERING COLLEGE**

Accredited by NBA & DST-FIST Supported Institution
VANNARPETTAI, TIRUNELVELI - 627 003

Email : icracst2018@gmail.com

Website : www.francisxavier.ac.in

ISO 9001:2008

Certified Institution

Phone: 0462-2502283, 2502157

ABOUT THE COLLEGE

SCAD Group of Institutions is an offshoot of SCAD (Social Change and Development) a socially committed institution striving for the development of deprived communities in Southern India for the past 34 years. It was founded by Dr. S. Cletus Babu, along with Dr. J. X. Amali Cletus Babu who walked along with him in accord, understanding and untiring support for the great cause of service. Their far - reaching goals are well executed by its versatile Managing Director, Er. C. Arun Babu, with the help of highly qualified and committed faculty members, able educational administrators, industry-business partners and community at large. The educational institutions of SCAD have been established in chosen areas with the principle of "Reaching the Unreached". It is an exemplary outcome on the demand of the people for a quality Engineering & higher education in the southern region.

One among the various quality engineering education by SCAD in Francis Xavier Engineering College which was established in the year of 2000. It has been approved by AICTE & affiliated to Anna University, Chennai. The college offers six B.E/B.Tech Programs, seven M.E./M.Tech Programs, MBA and MCA Programs. The College is recognized by 12(b) and 2(f) status under UGC, New Delhi, The College is certified with ISO 9001:2008 and equipped with modern facilities for imparting quality education with high academic results. The training and placement cell plays a vital role by organizing innumerable campus recruitment processes for the benefit of the students. The college is situated at the heart of the Tirunelveli city on the Madurai-Tirunelveli By-pass Road, at Vannarpettai, with bus and train facilities round the clock.

DEPARTMENT OF ECE

Electronics & Communication Engineering, being the backbone of all technologies has a special status in Engineering Education. The Department consists of well-equipped laboratories and has organized Anna University approved Faculty Development Programs, International Conferences, National Level Technical Symposiums, Workshops and Project Exhibitions. The department has well experienced, and highly qualified faculty members. It has successfully imparted knowledge to numerous students who have excelled profoundly achieving university ranks. The Department offers Masters Program in ME-VLSI Design and ME-Communication Systems. The UG program of ECE department is accredited by NBA.

SCOPE OF THE CONFERENCE

Rapid strides and technological advancements in the field of Communication Systems have changed the global scenario. The aim and aspiration of the conference is to exhibit the technical dexterity of budding technocrats, research scholars, representatives from academics and industries. This International Conference focuses on the ingenuity of charismatic research scholars to be mustered under one roof with a national outlook.

TOPICS

- Signal and Image Processing
- RF and Microwave Communication
- Optical Communication
- Wireless Communications, Networks and Technologies: Wimax, 4G, etc.
- Bluetooth Networking

- Space and Satellite Communication
- Neural Network/Fuzzy Logic/GA
- Embedded Systems
- Advanced VLSI Systems
- Network Security
- Medical Engineering
- Nanotechnology/MEMS/NEMS
- Optical Networking
- Low Power VLSI
- Not restricted

ADDRESS FOR MAILING

The Convener, **ICRACST-2018**,

Francis Xavier Engineering College,

Vannarpettai, Tirunelveli, Tamil Nadu

Phone: **0462-2502283, 0462-2502157**

Mobile: **9952203887, 9994171663**

Email: icracst2018@gmail.com | Website: www.francisxavier.ac.in

SUBMISSION OF PAPERS

The authors are invited to send their papers in IEEE format with the following pattern.

Font Size	Titles	Bold / Non bold details	Time new Roman
15	Paper Title	Bold	Single columns only
11	Authors name	Non Bold	
11	Level 1, 2, 3 headings	Bold	
11	All Contents (Single columns)	Non Bold	
8	Abstract (Single columns)	Non Bold	
11	References	Non Bold	
11	Figures and Table Citations	Non Bold	
1.5	Line Spacing	Non Bold	

One copy of the full paper not exceeding 6 pages, prepared in above format should be sent to icracst2018@gmail.com.

All accepted Papers will be Published in following any one of the UGC Recognized and Google Scholar International Journal.

1. Asian Journal of Applied Science and Technology
2. International Journal of Advanced Research Trends in Engineering and Technology
3. International Journal of Advanced Research in Biology, Ecology, Science and Technology

Registration Fee Includes

- Proceedings soft / Hard copy
- Delegate bag
- Information materials
- Access to scientific sessions
- Access to exhibition
- Session break coffee, tea and snacks
- One day lunch
- One conference banquet
- Welcome reception
- Research Scholars and students should produce the bonafide certificate from the head of the institution. Registration fees for the accompanying person include participation in inaugural and concluding sessions, admission to exhibition, conference lunch and snacks, local tours scheduled to take place during session hours and cultural programs. Registered delegates will receive conformation letter through mail.

REGISTRATION FEE

Post Graduate Students	: Rs.1000
Faculty & Research Scholars	: Rs.1000
Delegates from Industry	: Rs.1200
Overseas delegates	: US\$15
Student delegates	: US\$12

Registration fee is to be paid by DD drawn in favor of **The Principal, Francis Xavier Engineering College**, payable at Tirunelveli.

Spot Registration facility will be available at the conference venue. The spot registration fee will be 10% higher than the fee mentioned above.

WEATHER

The weather during March is very pleasant; the temperature will be about 29°C during day time and 24°C at night.

For Direct Hotel Bookings Contact

Sl.No	Name of the Lodge	Contact Link
1	Sri Janakiram Hotels	http://www.srijanukiramhotels.com/
2	Hotel Appletree	http://hotelappletree.com/
3	Hotel TVK Regency	http://www.tvkregency.com/
4	Hotel Aryaas Residence	http://www.aryaasgroup.com/hotelaryaas.html
5	Hotel Raams Parks	http://www.aryaasgroup.com/raamspark.html
6	Raamas Inn	http://www.aryaasgroup.com/raamouasion.html

ROAD CONNECTIONS

Tirunelveli is well connected by roads to different destinations viz., Chennai, Madurai, Coimbatore, Bangalore and Salem.

RAIL CONNECTIONS

Tirunelveli railway junction connects Chennai, Bangalore, Coimbatore, Mysore, Kochi, Kanniyakumari, Mangalore, Salem, Thanjavur, Madurai, Tirupathi, Tuticorin, Rameswaram etc. by daily trains and other important places of India by weekly trains.

VISA PROCESS

Individuals are requested to go through Indian Embassy web page for visa exemption and for visa fees which varies depending upon the country of origin. A Letter of acceptance will be sent to the participating author(s) on acceptance of the abstract/paper to facilitate them to get the visa and attend the conference. However, it is the responsibility of the individual participants to do the whole process in the Indian Embassy located in their region.

HEALTH AND INSURANCE

Insurance and medical expenses will have to be borne by participants or their sponsoring organization before taking the journey. International participants must undertake medical, life and disability insurance before leaving their respective country for covering entire health and disability risks.

PLACES OF INTEREST

1. Manimuthar Waterfalls
2. Kuttralam
3. Mundanthurai Tiger
4. Banatheertham Falls
5. Nelliappar Temple
6. Papanasam

Route Map



IMPORTANT DATES

Date for Paper Submission : **16-03-2018**
Acceptance Notification : **19-03-2018**
Date for Camera-ready Paper Submission with
Registration : **21-03-2018**

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REGISTRATION FORM

Name:

Designation:

Educational Qualification:

Institution/Organization:

Address for Communication:

Phone:

Email:

Fees Paid:

DD Details: Date:

Bank:

Place:

Signature

Date:

ORGANIZING COMMITTEE

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Dr.J.X.Amali Cletus Babu, Ph.D, Vice Chairperson, SCAD Group of Institutions

Er.C.Arun Babu, Managing Director, SCAD Group of Institutions

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Co-Chair

Mrs.R.Vedha Priya Vadhana, M.Tech., (Ph.D), HOD/ECE

Convener's

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Mr.Amarsingh Feroz M.E., Asso.Prof/ECE

KEYNOTE ADDRESS

Dr. David Savage, Professor / Indian-based IT consultancy, United Kingdom

Dr.S. Baulkani, M.E., Ph.D., MISTE, Asso.Prof / Government College of Engineering,
Tirunelveli

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Dr. S. N. Deepa, M.E., Ph.D, Professor and Head of Electrical and Electronics Engineering, Anna University Coimbatore, Tamilnadu. India.

ORGANIZING/SECRETARIES

ECE Staff Members

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