

# IETE Zonal Seminar on Advances in Electronic Circuits and Systems

(April 21,2018)

1. **Title of the activity:** Advances in Electronic Circuits and Systems
2. **About the activity:-**

## (a) Objective of Seminar:

Recent developments in Electronic Circuits and systems are considered as one of the major fields of tremendous interest in industry & academics. At present these are the emerging areas of interest among the researchers and engineers from Information Technology, Computer Science, Electrical and Electronics Engineering.

The IETE Rajasthan Centre Jaipur in association with IETE Student Forum, SKIT Jaipur campus shall be hosting the One Day IETE Zonal (North) Seminar and ISF Zonal Congress on “Advances in Electronic Circuits and Systems” on April 21st, 2018 (Saturday).

The seminar and the ISF Zonal congress shall be providing an opportunity to participants to discuss and develop an understanding of various issues arising due to tremendous growth in proposed areas and expected to deliberate on some latest trends and other related areas also.

The seminar will include both invited talks by eminent experts and contributed papers on emerging technologies adopted for development in these areas. Research papers projecting futuristic trends are invited in the following areas:

- Latest communication technologies
- High speed communication networks
- RFID and sensors based communications
- VLSI design of communication systems
- Microwave and Satellite Communication
- Wireless and Optical Communication
- Signal and Image Processing
- Trends in Antenna technologies
- Development of mobile applications

## (b) Programme detail:

The Institution of Electronics and Telecommunication Engineers Rajasthan Centre, Jaipur has organized a one day Zonal seminar and ISF Congress on “Advances in Electronic Circuit and Systems” on 21st April 2018.

IETE President Prof. (Dr.) K. T. V. Reddy was Chief Guest of the program and IETE Treasure Col. Balrajan and was the guest of honor.

The inauguration ceremony of the event was started by lamp lightening and Unveiling of Souvenir of the technical papers on 21st April 2018 at J.C. Bose seminar hall of the Institute.

:



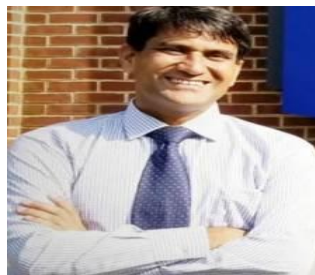
Prof. (Dr.) K. T. V. Reddy, IETE President was the Chief Guest of the Seminar



Col. Balrajanand, IETE Treasurer was the guest of Honor of the Seminar



Prof. S. Pal, former Distinguished Scientist, Associate Director and also Programme Director, Satellite Navigation Programme, ISRO Satellite Centre Bangalore, was the Guest of Honor of the Seminar



Dr. Ghanshyam Singh (Chairman IETE, Rajasthan centre), Professor, MNIT, Jaipur

Prof. S.L. Surana, Director (Academics), SKIT, Dr. S. K. Kalla (Director D&W, SKIT), Prof. S. K. Bhatnagar (HOD-ECE, SKIT), and participants of Seminar attended the inaugural ceremony.

There were two technical events in this seminar. Two experts were invited to deliver their talks Prof S. N. Sharan, Director, SEEC, Manipal University, Jaipur and Prof. (Dr.) Mahesh Bundele, Secretary, IEEE Rajasthan Subsection. Prof. S. N. Sharan delivered their talk on various energy harvesting methods and Prof. Mahesh Bundele discussed about the neural networks.

After the lunch break, ISF Congress and Innovation Meet of students and participants with IETE experts were completed. In the ISF congress many projects were displayed by the student's members. And the winner groups were honored by the certificates and prizes. In innovation meet students discussed about the novel ideas for the research

**(c) Expected Outcome of Seminar:**

- To identify the latest trends of research in the diverse field of Electronics systems, and Circuits.
- To provide a platform to undergraduates to showcase their ideas in project exhibition.
- To strengthen the interaction between researchers, faculty, students and academicians.
- To handshake with local chapters for organizing seminars and conferences in joint venture

**(d) Type of Seminar – National**

**3. Details of the activity:-**

**(a) Internal Resources person:**

**(Internal from ECE Department, SKIT, Jaipur):**

- Dr. Rukhsar Zafar
- Dr. Monika Mathur

**(Internal from Out side of SKIT):**

- Dr. Ghanshyam Singh (MNIT,Jaipur)
- Prof. Manish Tiwari (Manipal University, Jaipur)

**(b) External Resource Person:**

S. No.	Name	Organization	Country
1	Prof S. N. Sharan	Director, SEEC, Manipal University, Jaipur	India
2	Prof. (Dr.) Mahesh Bundele	Secretary, IEEE Rajasthan Subsection	India

**(c) Number of participants:  
Faculties/ Participants: 43**

S.No	Name of participant	S.No	Name of participant
1	Isha Maheshwari	23	Manoj Kumar Sain
2	Vivek Jaimini	24	Aadesh Sharma
3	Avneesh	25	Pranjal Meharshi
4	Dimple Soni	26	Ramkinkar das Tripathi
5	Shivani Sharma	27	Ritika Saini
6	Sharmishtha Sharma	28	Arpita Jain
7	Gloria Joseph	29	Kajal
8	Vatika Baberwal	30	Abhinandan Jain
9	Rajni Idawal	31	Yamini Rathore
10	Akash Gupta	32	Harshit Mathur
11	Shivani Sharma	33	Sweta Kumari
12	Kiran Rathi	34	Dipti Jiveshna
13	Yogesh Soni	35	Pallavi Shekhawat
14	Neeraj Jain	36	Suman Sharma
15	Hemlata Panwar	37	Abhilasha Yadav
16	Manju Choudhary	38	Shubham Kumar
17	Shreya Upadhyay	39	Vidhi Banthiya
18	Praveen K. Jain	40	Shreya S. Bhardwaj
19	Jyotsana Sharma	41	Kartik Mohan Sinha
20	Namrata Joshi	42	Sanjiv Jaswal
21	Harshal Nigam	43	Rohit Mathur
22	Ravi Jangir		

**(d) Brief proceedings of each day of the activity:**

<b>Time</b>	<b>Activity</b>
9:00 am – 9:30 am	Meeting with all Invited EC Members from North Zone Centre
9:30 am – 11:00 am	Inaugural Session
11:00 am – 11:30 am	High Tea Break
11:30 am – 12:15 pm	<b>Expert Talk (1<sup>st</sup>)</b> : Prof S. N. Sharan, Director, SEEC, Manipal University, Jaipur
12: 15 pm – 01:00 pm	<b>Expert Talk (2<sup>nd</sup>)</b> : Prof. (Dr.) Mahesh Bundele, Secretary, IEEE Rajasthan Subsection
2:15-3:00 pm	ISF Congress and Innovation Meet of students and participants with IETE experts
3:00 pm – 5:00 pm	<b>Technical Paper Presentation</b>
	<b>Session 1</b> (J C Bose Seminar hall, SKIT, Jaipur)
	<b>Session 2</b> (MBA Seminar Hall, SKIT Jaipur)
5:00 pm – 5:30 pm	Certificate Distribution

**(e) Attainment of the Objective:** Undergraduates show more confidence in how casing their ideas and work on the latest IOT based projects. Faculty members of our Institute pursue research in the many relevant fields.

**(f) Recommendations:** Such seminar are recommended for future as it is very beneficial for both students and faculty point of view in the field of ECE

#### **4. Enclosures:-**

- Brochure: Attached

#### PATRON

Prof (Dr) K T V Reddy, President IETE  
Prof M N Hoda, Chairman TPC  
Mr. S. R. Meel, Chairman, SKIT Jaipur

#### PROGRAM CHAIRMEN

Mr. Vijay Kumar Gupta, Zonal Mentor (North)  
Dr. S. K. Bhatnagar, SKIT Jaipur

#### ORGANISING COMMITTEE

Mr. Jaipal Meel, Director, SKIT, Jaipur  
Dr. S L. Surana, Director (Acad.), SKIT, Jaipur  
Ms Rachna Meel, Registrar, SKIT, Jaipur  
Sh. K. M. Bajaj, Fellow, IETE  
Dr. R. Pachar, Principal, SKIT, Jaipur  
Mr. G. R. Bhansali, Fellow, IETE, Jaipur  
Dr. Mukesh Arora, Associate Prof. SKIT, Jaipur

#### CONVENERS

Dr. G. Singh (MNITJ), Prof. M. Tiwari (MUJ),  
Dr. Rukhsar Zafar and Dr. Monika Mathur (SKIT J)

#### TECHNICAL COMMITTEE

Prof. V. Sinha, MNIT Jaipur  
Prof. K. K. Sharma, MNIT Jaipur  
Prof. S. K. Koul, IIT Delhi  
Prof. D. Bhatnagar, University of Rajasthan, Jaipur  
Sh. Gunjan Saxena, PGM BSNL Jaipur  
Dr. Vijay Janyani, MNIT Jaipur  
Dr. J. Deegwal, Govt. Engg. College, Ajmer  
Dr. Seema Varma, Banasthali Vidyapeeth, Tonk  
Dr. Monika Mathur, SKIT, Jaipur  
Dr. Sanjeev Jain, ECB Bikaner  
Dr. P. K. Jain, SKIT, Jaipur  
Dr. Ashish Kumar Ghunawat, MNIT Jaipur  
Dr. Vinay Kanungo, SKIT Jaipur  
Dr. Sandeep Vyas, JECRC Jaipur  
Mr. Ankit Agarwal, SKIT, Jaipur  
& all members of IETE Rajasthan Centre, Jaipur

#### LOGISTIC ARRANGEMENT COMMITTEE

Faculty Members/students of ECE Department, SKIT  
Jaipur and Sh. N. Godara, MNIT Jaipur

#### OBJECTIVE & SCOPE

Recent developments in Electronic Circuits and systems are considered as one of the major fields of tremendous interest in industry & academics. At present these are the emerging areas of interest among the researchers and engineers from Information Technology, Computer Science, Electrical and Electronics Engineering. The IETE Rajasthan Centre Jaipur in association with IETE Student Forum, SKIT Jaipur campus shall be hosting the **One Day IETE Zonal (North) Seminar and ISF Zonal Congress on "Advances in Electronic Circuits and Systems" on April 21<sup>st</sup>, 2018 (Saturday)**. The seminar and the ISF Zonal congress shall be providing an opportunity to participants to discuss and develop an understanding of various issues arising due to tremendous growth in proposed areas and expected to deliberate on some latest trends and other related areas also. The seminar will include both invited talks by eminent experts and contributed papers on emerging technologies adopted for development in these areas. Research papers projecting futuristic trends are invited in the following areas:

- > Latest communication technologies
- > High speed communication networks
- > RFID and sensors based communications
- > VLSI design of communication systems
- > Microwave and Satellite Communication
- > Wireless and Optical Communication
- > Signal and Image Processing
- > Trends in Antenna technologies
- > Development of mobile applications

The above list is only indicative of the areas and is not exhaustive. Any contribution in the related area would be welcomed. Venue of the seminar shall be the Conference Hall of SKIT Jaipur campus.

#### IETE Rajasthan Centre Jaipur

IETE Rajasthan Centre Jaipur is one of the premier IETE centre established in the year of

#### SKIT Jaipur: The Venue

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today the institute is recognized as one of the centers of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Postgraduate and Graduate Courses in Engineering and Management. Located in the Pink City Jaipur, which is a blend of traditional history and modern outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry -Institute Interface. Apart from University curriculum SKIT also pursues activities for research and development in various fields. The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

#### ADDRESS FOR COMMUNICATION

Dr. Ghanshyam Singh, Hony. Chairman  
IETE Bhawan, D-Block Shopping Centre  
Malaviya Nagar, Jaipur – 302017  
Contact No.: **91-9549654233**,  
E-mail: [ietejaipur@gmail.com](mailto:ietejaipur@gmail.com)

Technical papers can also be submitted via

E-mail to [gsingh\\_ece@mnit.ac.in](mailto:gsingh_ece@mnit.ac.in)  
[mtjaipur@gmail.com](mailto:mtjaipur@gmail.com)

#### Important Deadlines:

**Extended date for receiving paper:**  
**April 5<sup>th</sup>, 2018**

**Notification of acceptance:**  
**April 10<sup>th</sup>, 2018**

1991. The centre celebrated its silver jubilee year in 2016. The office of IETE Rajasthan Centre Jaipur is situated at D-block area of Malaviya Nagar, the central location of Jaipur city. At present the centre is supported by its more than 225 corporate members and about 10 IETE student forums (ISFs). Through internationally renowned members, a well equipped laboratory, library and infrastructure, the centre is actively engaged in research, consultancy and developmental activities, besides imparting regular functions and aims of the IETE society.

#### INFORMATION FOR AUTHORS

Authors are requested to submit the papers (MS Word IEEE double column format and not exceeding 4 pages) by **April 5<sup>th</sup>, 2018**. Papers which will not be in compliance of prescribed format may face rejection. At least one Author should register and present the paper to get it included in the conference proceedings within stipulated time. More about registration procedure and mode of payment would be notified to the authors of accepted papers with acceptance notification. The articles can be submitted through E-mail to [ietejaipur@gmail.com](mailto:ietejaipur@gmail.com). Abstract of the papers accepted for oral or poster presentation in the conference will be published in the seminar souvenir.

#### REGISTRATION

All delegates/authors will have to register for the event. Authors with accepted articles shall be intimated by e-mails along with the seminar registration and copyright forms. All participants shall have to submit the registration and copyright forms by registered post along with the registration fee. The registration charges will include conference proceeding (soft copy) & souvenir, conference kit apart from working lunch and tea breaks. The registration fee will be:

- (i) **Rs. 250/-** per participant for IETE/ IEEE/ IE (I) members and research scholars.
- (ii) **Rs. 500/-** for general delegates/attendees



**IETE  
Zonal  
Seminar  
&  
ISF Zonal  
Congress**



## Advances in Electronic Circuits and Systems (April 21, 2018)



#### Conveners

Prof. MANISH TIWARI  
Dr. RUKHSAR ZAFAR  
Dr. MONIKA MATHUR  
Dr. GHANSHYAM SINGH

#### Organised By

IETE RAJASTHAN CENTRE JAIPUR  
in association with SKIT JAIPUR

- (iii) **Rs. 150/-** for member of IETE student chapters
- (iv) **Rs. 500/-** for the accompanying person

The registration fee may be sent, along with the filled registration form, through Bank Draft drawn in favor of "IETE Jaipur" payable at Jaipur. It may also be submitted via CASH on the spot registration desk.

#### ACCOMMODATION

Arrangement for stay of participants will be made at SKIT Jaipur guest house, nearby hotels, etc. on payment basis (separate info. is attached). Delegates may submit a formal request for booking of a suitable accommodation. An advance payment equivalent to one day of stay is mandatory for confirming booking. Last date of receiving accommodation request is **April 15<sup>th</sup>, 2018**.

#### SOUVENIR

A multicolor A4 size souvenir containing abstracts of papers, messages, invited articles etc. will be brought out on the inaugural day of the seminar. The souvenir will provide an excellent forum to the organizations to advertise their activities and products. Organizations are requested to send their publicity material latest by **April 10<sup>th</sup>, 2018** along with a DD drawn in favor of **IETE Jaipur**, payable at Jaipur as per the rates given below: Banners (6' x 3') must be provided by the interested organizations, if willing to display separately at the rate mentioned in the table.

Back cover (Color)	Rs. 20000/-
2 <sup>nd</sup> & 3 <sup>rd</sup> inside cover (Color)	Rs. 15000/-
Full page (Color)	Rs. 10000/-
Full page (B & W)	Rs. 7500/-
Half page (B & W)	Rs. 3000/-
Banner (6' x 3') @ conf. venue	Rs. 2500/-

- Detail of Funding: IETE Sponsored
- Souvenir: attached
- Proceeding Photograph



Unveiling of Souvenir of the technical papers



Lamp lightening ceremony of the seminar



Inaugural ceremony of the seminar