

To: HOD-EC
Approved
slp
12/3

SRI VENKATESWARA COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering

Submitted to The Principal requesting for Approval

Through HOD- EC

Date: 31-Jan-2019

The Department of ECE proposes to conduct a 'National Conference on Signal Processing, Communication and Networking, NCSPCN-2019' at our college on 15-03-2019 (Friday), as part of the research activities. It is planned to have 2 experts from the Indian Institute of Technology, Madras / College of Engineering, Guindy, Anna University for Keynote Address. The Technical Programme includes **Paper Presentation Session and Poster Presentation Session**. The targeted audience would be UG, PG Students, Research Scholars and Faculty from various Engineering colleges. The estimated budget is Rs.18000/-. The detailed breakup of estimated expenses is given below.

BUDGET for National Conference - NCSPCN 2019

PROJECTED EXPENSES	Rs.
Honorarium for 2 Experts	4000/-
Transport arrangements for 2 Experts	3000/-
Lunch + Tea for 30 participants [college canteen + sweet + chips etc]	3500/-
Snacks for Experts + Water Bottles + Kolam etc	1000/-
Kit [Notepad+Pen+Folder] and Certificates Printing Charges	2000/-
Banner NCSPCN (Banner without conference date is available)	-
Awards for Best - Paper Presentation + Poster	2500/-
Mementos	1000/-
Miscellaneous Expenses	1000/-
TOTAL PROJECTED EXPENDITURE	18000/-
EXPECTED REVENUE	Rs.
Registration Charges for expected 30 participants (Rs.500/participant)	15000/-
External Sponsorship	3000/-
TOTAL EXPECTED REVENUE	18000/-

We request you to kindly approve the proposal for conducting the 'National Conference on Signal Processing, Communication and Networking, NCSPCN-2019'.

We also request you to kindly provide us an advance amount of **Rs.10,000/-** (Rupees Ten Thousand Only) from the college for starting the preliminary work. The advance amount will be returned back to the college after receiving the registration amount. Any additional revenue generated through the conference will also be returned to the college. Kindly do the needful.

Thank you

pl. remind me about this after a few days
To: Dr. S R M
M
5/2/19

Dr. S. R. Ma'athi
Co-ordinator
11/2/19

Dr. S. Muthukumar
HOD-EC
01/02/19

To: HOD-EC
We shall organize a Conf jointly with allied depts; pl wait till next SCM
slp
4/2

SRI VENKATESWARA COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering

Submitted to The Principal-requesting for Approval

Through HOD- EC

Date: 15-Feb-2019

Ref: Requisition Letter dated 31-Jan-2019

Respected Sir,

As per the suggestion given by you to conduct a Research Summit / Panel Discussion along with the allied departments, we promise to do the required budget allocation and planning in the forthcoming academic year 2019-2020.

The annually conducted '**National Conference on Signal Processing, Communication and Networking, NCSPCN**', has been creating an opportunity for the under graduate students, as well as post graduate students of our college and also the students from various other colleges to present their research work / project work in the conference. Further to that, the presented papers are also peer reviewed and submitted for publication in UGC listed journal. An interest has been widely created among the under graduate students to present their projects in the conference and thereafter publish the work in a journal along with their mentor.

So, we request you to kindly consider the above aspects and permit us to conduct the '**National Conference on Signal Processing, Communication and Networking, NCSPCN-2019**'.

Thank you.



Dr. S. R. Malathi
Co-ordinator



Dr. S. Muthukumar
HOD-EC

To: HOD-EC
Approved
26
12/3



NATIONAL CONFERENCE
on
SIGNAL PROCESSING, COMMUNICATION &
NETWORKING (NCSPCN-2019)
15th March 2019



Organized by

Sri Venkateswara College of Engineering
(An Autonomous Institution Affiliated to Anna University, Chennai)

in association
with

Institute of Electronics & Telecommunication Engineers (IETE)

ABOUT THE COLLEGE:



Sri Venkateswara College of Engineering (SVCE), a premier self-financing engineering college was started in the year 1985 and is managed by Sri Venkateswara Educational and Health Trust. The college attained autonomous status in 2016.

SVCE has 10 under graduate and 10 post graduate programmes in Engineering and Technology. The college has 11 research centers recognized by the Anna University, Chennai, which cater to MS (by Research) and Ph.D programmes. The courses are approved by AICTE and affiliated to Anna University, Chennai.

The college is accredited by National Assessment and Accreditation Council (NAAC). The college is also certified by IRQS for ISO 9001:2015. The college is situated in serene environment about 37 kms from Chennai and is situated on the way of Chennai – Bangalore National Highway (NH4) at Pennalur, Sriperumbudur, in Kanchipuram district. The campus is Wi-Fi enabled.

ABOUT IETE:

Institution of Electronics and Telecommunication Engineers (IETE), India's leading recognized professional society founded in 1953, is devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. It is the National Apex Professional body for Electronics and Telecommunication, Computer Science and IT Professionals. It serves more than 1,25,000 members (including Corporate and Student members) through various 64 Centres, spread across the country.

IETE Students Forum (ISF) have been formed in Engineering Colleges to enhance the scientific knowledge and technical skills of the students. Conferences, Seminars and Symposiums are such events, which motivates the students to enrich their technical skills and IETE partners with Institutions in carrying forward the ISF activities.

ABOUT THE ECE DEPARTMENT:

The Department of ECE was started in the year 1985 and is presently accredited by the NBA. The post graduate program (M.E) in Communication Systems was started in 2002 and Applied Electronics in 2012. There are about 46 faculty members in the department and 9 of them are doctorates. The department is well equipped with lab facilities and software tools like IE3D, ADS, Lab View, Tanner Tools, Cadence, MATLAB, PCB Prototype Machine.

ABOUT THE CONFERENCE:

NCSPCN - 2019 aims to serve as a forum of experts from industries and institutions to share their knowledge and experience, thereby leading to synergy of technologies in Electronics, Communication Systems, Networks and Signal Processing. The technical programme of the proposed conference NCSPCN-2019 includes *two keynote addresses by eminent personalities, Paper Presentation sessions and Poster sessions*. The broader scope of the conference includes, but not limited to the topics listed below.

- ❖ Adhoc & Sensor Networks
- ❖ Bio-Medical Signal Processing
- ❖ Cognitive Radio & Dynamic Spectrum Management
- ❖ DSP Algorithms & Applications
- ❖ Electronic Systems
- ❖ Microwave (Antenna / Measurements / EMI/EMC)
- ❖ MIMO Systems
- ❖ Networking & Communication Engineering
- ❖ Optical Network Protocols
- ❖ Security in Communication & Networking
- ❖ Signal, Image Processing & Machine Learning
- ❖ Soft Computing

CALL FOR PAPERS / POSTERS:

Researchers, Academicians, PG/UG students and personnel's from industries are invited to submit their research work for oral presentation, in IEEE format not exceeding six pages, electronically through E-Mail or in the form of posters as per the given template in the website along with 2 pages abstract. Submitted research work must be original and should not have been presented or published anywhere else.

REGISTRATION FEE AND DATES TO REMEMBER:

Interested participants can fill up the registration form and send it along with the registration fee in the form of *Demand Draft* drawn in favor of "**THE PRINCIPAL, SRI VENKATESWARA COLLEGE OF ENGINEERING**", payable at *Sriperumbudur*.

Participant Category	Registration fees		
1. Delegate participation	Rs.500	Submission of full-length paper	02.03.2019
2. Oral Presentation		Notification of acceptance	08.03.2019
3. Poster Presentation		Submission of camera-ready paper	11.03.2019

Templates for (1).Oral Presentation (2) Poster Presentation can be downloaded from <https://www.svce.ac.in/news/item.php?newsid=1852>

Note: All the accepted and presented papers in the conference will be peer reviewed and considered for publication with a nominal publication charge in **UGC approved journal** "INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEW (IJRAR)", E-ISSN 2348-1269, P-ISSN 2349-5138 (Recognized and Approved by UGC, Google Scholar Indexed Journal).

ADVISORY COMMITTEE:

Dr.G.A.Sathish Kumar, Professor/ECE
Dr.N.Kumarathan, Professor/ECE
Dr.H.Umma Habiba, Professor/ECE
Dr.G.Padmavathi, Professor/ECE
Dr.P.Jothilakshmi, Professor/ECE
Dr.S.R.Malathi, Associate Professor/ECE
Dr.R.Gayathri, Associate Professor/ECE
Mr.S.R.Balasubramanian, Asst. Professor / ECE
Mr. Tata Sudhakar, Chairman, IETE, Chennai
Mr. RPB. Sundaram, EC Member, IETE, Chennai

CONVENORS:

Dr. S. Ganesh Vaidyanathan, Principal, SVCE
Dr. S. Muthukumar, Professor & HOD, ECE

COORDINATORS:

Dr. G. Padmavathi, Professor / ECE (9600138593)
Dr. S. R. Malathi, Assoc. Prof./ECE (9962534922)
Ms. T. J. Jeyaprabha, AP/ECE (9840742022)

ORGANIZING COMMITTEE:

Ms. R. Kousalya
Ms. B. Sarala
Ms. M. Anushya
Ms. S. Radhika
Ms. M. Vidya
Ms. S. M. Mehzabeen
Mr. N. Sridharan, Treasurer, IETE, Chennai

CONTACT:

The Coordinators, NCSPCN - 2019,
Department of ECE,
Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur - 602117
Phone No: 044-27152000, Extn-201, 225
Website: <https://www.svce.ac.in>
E-mail: ncspcn2019@svce.ac.in



SRI VENKATESWARA COLLEGE OF ENGINEERING
Sriperumbudur - 602 117

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In association with IETE, Chennai

Cordially invites you to the

**National Conference on
Signal Processing, Communication & Networking
NCSPCN-2019**

Inauguration and Key Note Address by

Mr. S. Vijay Anand

**Assistant Vice President – Technology,
Aricent Altran Group (Global Design and Engineering Company), Chennai**

**TOPIC: "DIGITAL TRANSFORMATION AND DISRUPTIONS -
INTEROPERABILITY CHALLENGES IN IOT"**

Venue : Video Hall
Date : 15th March, 2019
Time : 9.00 a.m to 10.30 a.m

.....ALL ARE CORDIALLY INVITED.....



SRI VENKATESWARA COLLEGE OF ENGINEERING
Sriperumbudur - 602 117

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In association with IETE, Chennai

Cordially invites you to the

**National Conference on
Signal Processing, Communication & Networking
NCSPCN-2019**

Keynote Address by

Sri. RPB. Sundaram

**Retired Additional General Manager (AGM)
Bharat Electronics Ltd (BEL), Executive Committee Member in IETE
TOPIC: "INDUSTRY 4.0"**

Venue : Video Hall
Date : 15th March, 2019
Time : 1.45 p.m to 2.45 p.m

.....ALL ARE CORDIALLY INVITED.....

SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

National Conference on Signal Processing, Communication and Networking - NCSPCN-2019

PROGRAMME AGENDA : 15th March 2019	
Inauguration	
08.30 - 09.00 a.m	<i>Registration</i>
09.00 - 09.05 a.m	<i>Prayer Song</i>
09.05 - 09.15 a.m	<i>Welcome Address - Dr. S. Muthukumar, HoD-ECE, SVCE</i>
09.15 - 09.25 a.m	<i>Special Address – Dr. S. Ganesh Vaidyanathan, Principal, SVCE</i>
09.25 - 09.30 a.m	<i>Chief Guest Introduction - Dr. G. Padmavathi, Professor, ECE, SVCE</i>
09.30 - 09.35 a.m	<i>Conference Proceedings (NCSPCN-2019) release by - Chief Guest</i>
09:35 - 10:30 a.m	<i>Inauguration and Key Note Address by Mr. S. Vijay Anand, Assistant Vice President – Technology, Aricent Altran Group (Global Design and Engineering Company), Ch.. TOPIC:” Digital Transformation and Disruptions - Interoperability challenges in IoT”</i>
10.30 - 10.45 a.m	<i>Tea Break</i>
10.45 – 12.45 p.m	3 Parallel Sessions for Paper Presentation
Session – I	
10.45 - 12.45 p.m	<i>Paper Presentation – Venue 1 - CB531</i>
Session – II	
10.45 - 12.45 p.m	<i>Paper Presentation – Venue 2 – CB534</i>
Session – III	
10.45 - 12.45 p.m	<i>Paper Presentation – Venue 3 – CB536</i>
12:45 - 01:45 p.m	LUNCH BREAK
Valedictory	
1.45 – 2.45 p.m	<i>Keynote Address by Sri. RPB. Sundaram, Retired Additional General Manager (AGM) from Bharat Electronics Ltd (BEL), Executive Committee Member in IETE</i>
2:45 - 3.00 p.m	<i>Feedback from Participants</i>
3:00 - 3.10 p.m	<i>Certificate Distribution</i>
3:10 - 3:15 p.m	<i>Vote of Thanks</i>

Coordinators: Dr. G. Padmavathi, Dr. S. R. Malathi, Ms. T. J. Jeyaprabha
(9600138593) (9962534922) (9840742022)


Dr.S.Muthukumar



REPORT ON THE NATIONAL CONFERENCE OF SIGNAL PROCESSING, COMMUNICATION AND NETWORKING

The Department of Electronics and Communication Engineering successfully organised a '**National level Conference on Signal Processing, Communication and Networking**' (NCSPCN) on **15th of March 2019** as a stepping stone towards achieving the department's research objectives. The conference aimed to provide a forum for the researchers to gather and share their research achievements, ideas and progress to solve the future challenges that evolve in the field of information and communication. NCSPCN served as a forum to exchange the ideas of researchers, faculty and young research scholars on the recent trends in information and communication field. A good number of papers were received for presentation in the conference.

The conference was conducted jointly by the recently inaugurated **SVCE IETE Students Forum** and the **ECE Association**. IETE Chennai Chapter provided a grant to conduct the event. Mr. Vijay Anand, AVP- Technology of Aricent, was the chief guest of the inauguration event. He spoke on Internet of Things, about its applications and its security issues that developers have to consider while building an IoT product. Mr. Vijay Anand released the first copy of booklet and CD of all technical papers published for the conference.

Then the shortlisted participants headed to halls to present their papers. Topics of the papers included fields such as embedded systems, IoT in healthcare, cognitive radio, design of DGS based patch antenna, etc. Senior faculty from the ECE department and CS department judged the presentations. Each presentation consisted of ten minutes of presentation time followed by a question session

where the participants had to answer technical queries/ questions on the topic they presented.

The conference concluded with a guest lecture by Mr. RPB Sundaram, EC member of IETE Chennai, who spoke on Industry 4.0, which included CyberSecurity, Intelligent Robots, IoT, 3D printing and many other technologies of the future. NCSPCN 19 was thus very eventful and technically enriching, with a wide range of subtopics within Networking, Signal Processing and Communication being discussed. The event was well planned and neatly organised, with each participant receiving a CD of all papers that were presented in the conference. The organising faculty received much praise from the participants as well as the guests who attended the conference that the event was well executed and was beneficial for their academic and research purposes as well.

Conference Committees

Chairman

Dr.S.Ganesh Vaidyanathan, Principal, SVCE

Convenor

Dr.S.Muthukumar, HOD-EC

Coordinators

Dr. G. Padmavathi, Professor-EC

Dr.S.R.Malathi, Associate Professor-EC

Ms.T.J.Jeyaprabha, Assistant Professor-EC


Dr.S.R.Malathi


Dr.S.Muthukumar

Advisory Committee

Dr.G.A.Sathish Kumar, Professor-EC

Dr.N.Kumarathan, Professor-EC

Dr.H.Umma Habiba, Professor-EC

Dr. G. Padmavathi, Professor-EC

Dr.P.Jothilakshmi, Professor-EC

Dr.R.Gayathri, Associate Professor-EC

Dr.S.R.Malathi, Associate Professor-EC

Mr.S.R.Balasubramanian, Assistant Professor-EC

Mr. Tata Sudhakar, Chairman, IETE, Chennai

Mr. R.P.B. Sundaram, EC Member, IETE, Chennai

Organising Committee

Ms.R.Kousalya, Assistant Professor -EC

Ms.B.Sarala, Assistant Professor -EC

Ms.M.Anushya, Assistant Professor -EC

Ms.M.Vidya, Assistant Professor -EC

Ms. S.Radhika, Assistant Professor -EC

Ms. S.M. Mehzabeen, Assistant Professor -EC

Ms. A. Bharathi Priya, Assistant Professor -EC

Mr. N. Sridharan, Treasurer, IETE, Chennai



Dr.S.R.Malathi



Dr.S.Muthukumar