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**Dr. T. R. Pachamuthu,** Chancellor.

## PATRONS

**Thiru Mr. P. Ravi Pachamuthoo,** Chairman
**Dr. P. Sathayanarayanan,** President

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**Dr. T. P. Ganesan,** Pro–VC (P&D), VC–I/C
**Dr. M. Ponnavaikko** [Former Vice Chancellor]
**Dr. P. Thangaraju,** Pro–VC
**Dr. N. Sethuraman,** Registrar,
**Dr. C. Muthamizhchelvan,** Director (E & T)
**Dr. D. Narayana Rao,** Director (Research)
**Dr.V. Nagarajan,** Andromedia Communications

## CHAIR PERSON

Dr. E.Poovammal, Prof & Head

## CONVENOR

Dr. B. Amutha, Professor

## ORGANIZING COMMITTEE

Prof. S. S.Sridhar
Prof. C. Malathy
Dr.D. Malathi
Ms. Annapoorani Panaiyappan, AP(S.G)
Ms. T. Manoranjitham, AP(S.G)
Mr. T. Peer Meera Labbai, AP(S.G)
Ms. R. Annie Uthra, AP(Sr.G)
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Ms. J.V.Vidhya, AP(O.G)
Ms.  S. Saranya, AP(O.G)
Ms.G. Sivagami, AP(O.G)
Ms.  Jackulin Mahariba, AP(O.G)

## REGISTRATION FEE

Faculty & Students from Universities/Colleges: Rs.1000/ The registration fee includes the Workshop material, working lunch and refreshments. The number of seats is limited and the participants will be chosen on first–come–first–served basis. No TA/DA will be provided for the participants.

**Note:** The Bank DD shall be drawn in favor of "COMPUTER SCIENCE & ENG ASSO", payable at Chennai.

## Important Date:

Last date for Registration          :          10/08/2014

## ADDRESS FOR COMMUNICATION

The Convenor, APNC2014
Department of CSE, SRM UNIVERSITY
Kattankulathur – 603203,
Kancheepuram District, Tamilnadu
Email : apnc.2014@srmuniv.ac.in

Contact : 99445 75181 / 9841319457

## How to Reach SRM University:

SRM University (www.srmuniv.ac.in) Kattankulathur campus well connected by road, rail and air. It is 45 km from Chennai city in NH 45 and around 25 km from Chennai Airport. The nearest Bus stop and the nearest Railway station for the University is POTHERI (In between Chennai Beach – Chengalpet line).

# National Workshop On Advances in Positioning, Navigation and Communication- APNC 2014

**18th & 19th August 2014**

*Organized by:*
**Department of Computer Science & Engineering**
**Faculty of Engineering & Technology**
**SRM University**

*In Association with*

**IEEE**
SRM IEEE Student's Chapter

**IET** Academic Affiliates
The Institution of Engineering and Technology

## SRM University

SRM UNIVERSITY, KATTANKULATHUR  603 203
KANCHEEPURAM DISTRICT, TAMILNADU
Email:  apnc.2014@srmuniv.ac.in

## ABOUT THE UNIVERSITY

SRM University is one of India's leading educational Institutes. The areas of excellence range from engineering and medicine to management , humanities and Law. SRM University is unique with entrepreneurial heritage and pioneering faculty to provide research to address many of the current realworld problems. The university has an International Advisory Board with eminent scholars from top universities/organizations across the world, Corporate Advisory Board, Faculty Abroad Program, Student Abroad Program & a Research Institute. During January 2011, the university conducted the 98th Indian Science Congress where in 6 Nobel laureates interacted with our Staff & Students. The SRM University is the first private university to launch Nano satellite named SRMSAT onto space onboard the PSLVC18 from Sriharikotta on 12–Nov–2011. The University has been accredited by NAAC with "A" grade & Ministry of HRD placed it in "A" Category.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering offers B.Tech (CSE) and  M.Tech(CSE). It has excellent Infrastructure facilities with High end systems networked with fiber optic backbone.  Internet (54 MBPS) and Wi–Fi facilities are provided for both faculty and students. Well qualified & experienced faculty forms the backbone of the department. Research activities are carried out with established labs like Brain Computer Interface Lab, Wireless Lab , SRM–PURA Lab, Software defined communication Research Test Bed Lab,SRM Search Engine Lab,Nokia– Innovation Lab.

## ABOUT THE WORKSHOP

The Second National Level Workshop on Advances in Positioning, Navigation and Communication will take place on 18 and 19 August 2014 in SRM University, Chennai, Tamil Nadu,India. Accurate location and tracking information are becoming just as important as communication. Although the mobile position–aware systems, combined with modern wireless technologies are becoming increasingly present in daily life, there are still technological obstacles and challenges.The workshop will be devoted to recent advances in positioning, navigation and communications, as well the current state–of–the–art in techniques and systems.

## SCOPE & TOPICS

### Day 1– August 18, 2014

**Session–1:**
IRNSS – Indian Regional Navigation Satellite System
**Dr.Nageshwara Rao,** Project Director, IRNSS, ISRO Bangalore

**Session–2:**
LBS Worldwide Forecasts and Analysis (2014 – 2019)
**Dr.B.Amutha,** Professor, Department of Computer Science and Engineering, SRM University

**Session–3:**
Positioning in Cyber–Physical Systems
**Mr.Avranil Tah,** Partner ESL, Univ Of Texas, US

**Session–4:**
Vehicle Positioning, Tracking and Navigation System Demonstration
**Mr.Karthie Kumar,** Managing Director, Rede Technologies(P) Limited, Chennai

### Day 2–August 19,2014

**Session–5:**
Demonstration on a Practical Pedestrian Indoor Positioning and Tracking System
**Mr.Karthick Nanmaran,** Research Associate SRM University

**Session–6:**
Demonstration on  Wireless and Tracking System and the Communication Overheads
**Mr.R.Arun,** Project  Engineer, CDAC Chennai

**Session–7:**
GAGAN: GPS–Aided Geo Augmented Navigation
**Mr.A.S.Ganesan**
Project Director, GAGAN, ISRO–Bangalore

## National Workshop
### on
### "Advances in Positioning, Navigation and Communication–APNC 2014"
18th & 19th August 2014

## REGISTRATION FORM

Name : .............................................................

Designation : .............................................................

Name of the Organization : ...................................

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Email : .............................................................

Mobile No. : .............................................................

Details of DD : .............................................................

DD No : .............................................................

Drawee : .............................................................

Bank: Date : .............................................................

Note: The Bank DD shall be drawn in favor of "COMPUTER SCIENCE & ENG ASSO", payable at Chennai.

Accomodation Required  : Yes ☐ / No ☐

Signature of the Applicant

Date:                          Signature of the Head of the Institution.