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Workshop Coordinator

Dr. Rangaiah L,
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Organising Committee

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Ms/ Usha K S, Asst. Professor
Ms. Abhilasha C P, Asst. Professor

ABOUT THE WORKSHOP

AICTE Sponsored One Week Hands-on Workshop on “ADVANCES IN WIRELESS COMMUNICATION USING NS3” is intended to provide opportunity for Faculty members, researcher scholars and PG Students in AICTE approved institutions for upgrading their knowledge and acquiring practical skills in the area of Communication Networks.

The goal of the workshop is to unite the faculty, PG students and research scholars to discuss latest trends & technology available for Wireless Sensor Networks and to bring together world-class educators and thinkers to discuss all aspects of Wireless Sensor Networks. The workshop is intended to give the participants a focused view on the role played by Wireless Sensor Networks. The workshop will provide the opportunities to flourish the knowledge and pursue research in this area. The one week programme will enable the participants to understand the simulation of various wireless sensor network protocols and their analyses.

TOPICS TO BE COVERED

- Introduction to WSN
- Introduction to NS2
- Introduction to TCL
- Simulation of Wired Network using NS2
- Simulation of wireless Networks using NS3
- Performance Analysis
- Introduction to NS3
- Installation of NS3 tool on Ubuntu
- Modules in NS3 and its execution
- Sample programs and its execution
- Installation of Netanim tool for animation
- Installation of trace metrics to analyse trace files
- Hands on program execution



Aicte Sponsored One Week Hands-on Workshop On Advances In Communication Networks Using NS3

11th to 16th December 2017



'A' GRADE



Organized By

**ELECTRONICS & COMMUNICATION ENGG
RAJARAJESWARI COLLEGE OF ENGINEERING**
(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)
14, Ramohalli Cross, Kumbalagodu, Bangalore-74
Website: rrce.org

About RRCE :

RajaRajeswari College of Engineering (RRCE), established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust, established in the year 1992 with the sole objective for starting institutions of higher education of exemplary stature in the State of Karnataka. RRCE is recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. The Institute offers six UG courses (Electronics & Communication, Civil, Computer Science, Information Science, Mechanical, Electrical & Electronics Engineering) and seven PG courses, Master of Technology in Digital Electronics & Communication, Communication Systems, Computer Science & Engineering, Computer Network Engineering, Thermal Power Engineering, Master of Business Administration & Master of Computer Applications, also 8 R&D programs. The college has unique well equipped laboratories, library, digital library computing and sports facilities along with other amenities.

About Department :

Dept. of ECE is established in the year 2006 with an intake of 60 and increased to 120 in the year 2013. The Department has accredited by NBA and NAAC. Dept. organized many International/National Conferences, FDPs, Workshops in the past. The Dept. is well equipped with laboratories and highly qualified and dedicated faculty members with vast experience and expertise in their respective domains. In addition the department runs 2 M.Tech programs and Ph.D program of VTU. We are also collaborating with industries such as Karnataka Hybrid Micro Devices, Gemini Electro Corporation, ARP & VGI, Research in CS and Electronics Engg., Win global Tech, Saakshin Technologies Pvt Ltd. Our student projects are selected for VGST/ KSCST Project funding.

WHO CAN ATTEND :

The faculty members working in AICTE approved Engineering Colleges, Research Scholars and Industry Personnel.

REGISTRATION FEE

- Faculty / Research Scholars : Rs. 1000
- Industrial Participants: Rs. 1500

The registration fee can be paid through DD/cash. Demand Draft drawn in favor of "Rajarajeswari College of Engineering, Bengaluru" payable at Bengaluru.

IMPORTANT DATES

- Last date for receipt of application:05/12/2017
- Commencement of workshop: 11/12/2017

Registration form and DD can be sent to :

Dr. L Rangaiah

Workshop Coordinator

Rajarajeswari College of Engineering
14, Ramohalli Cross, Mysore Road

Bengaluru-74

Mobile: 9741681862

Email: rleburu@gmail.com

RESOURCE PERSONS :

- Dr. L Pratap Reddy**
Director (R&D), JNTUH, Chairman, SWECHA
- Dr. Rominus Valsalam**
Scientist, CDAC, Kerala
- DR. Jyotirmoy Karjee**
Scientist TCS Research & Innovations, Blr
- Mr. Balachandran Kamat**
Consultant, Wipro Technologies
- Nithin K**
Impulse Systems, Bangalore

REGISTRATION FORM

Name of the participant:

Designation:

Organization/Institute:

Address for Communication:

Phone :

Email :

Payment Details :

DD No:

Bank/Branch:

Amount:

Date:

Signature of the Participant :

Signature of the principal: