

Workshops Conducted

Amateur Radio digital Information And Communication Technologies

By,
Miroslav Skoric, Faculty of Sciences, University of Novi Sad
On
18th & 19th September 2014 (10.00am – 5.30pm)

Sponsor: TEQIP-II

Statics of Participants: BMSCE : 12,Other Colleges: 10, Industry: 2



Outcome:

The participants would gain knowledge of Linux operating system, Packet radio, Repeaters, E-mail servers, Satellite modes and Modems.

The knowledge of amateur Data Communications at Academic Institutions would also be enhanced through the program.

The workshop also has supporting lab test which would enhance the practical knowledge of the Amateur Radio

Names of Coordinators: C. Gururaj, Shreenivas B; Faculty – TE

TWO WEEK MAIN WORKSHOP ON “CONTROL SYSTEMS”

December 2-12, 2014

**Department of Telecommunication Engineering
&
Master of Computer Applications
BMS College of Engineering, Bangalore-19
In association with
NME-ICT MHRD Govt.of India**

Duration and Venue

Duration: The duration of the workshop is two weeks (10 working days). It will start on Tuesday 2nd December, 2014 at 9:00AM and will end on Friday 12th December, 2014 with a day break on Sunday 7th December only. The participants must report to the respective remote centers by 8:00AM on 2nd December, 2014.

Teaching Faculty

Prof. Siddhartha Mukhopadhyay,
Department of Electrical Engineering, IIT.Kharagpur
Prof. TapanKumar Ghosha I,
Department of Electrical Engineering, Jabalpur
University, Kolkata

Since the workshop is funded by the National Mission on Education through ICT (MHRD, Government of India), there is no course fee for participation.

The workshop include issues related to teaching of a one semester Control System course at the undergraduate level, typically at the 3rd year and shall include issues related to:

1. Model syllabus.
2. Lesson planning
3. Learning resources such as examples, simulations, videos, etc.
4. Tests
5. Experiments

It also included, demonstration class teaching for several lessons covering topics across the syllabus, model tutorials, discussions on laboratory environment and the experiments, in-depth teaching of a few critical concepts meant for the instructor.

Remote center co-ordinator:

Dr D N Sujatha, HOD MCA, BMSCE Email: dnmca@bmsce.ac.in

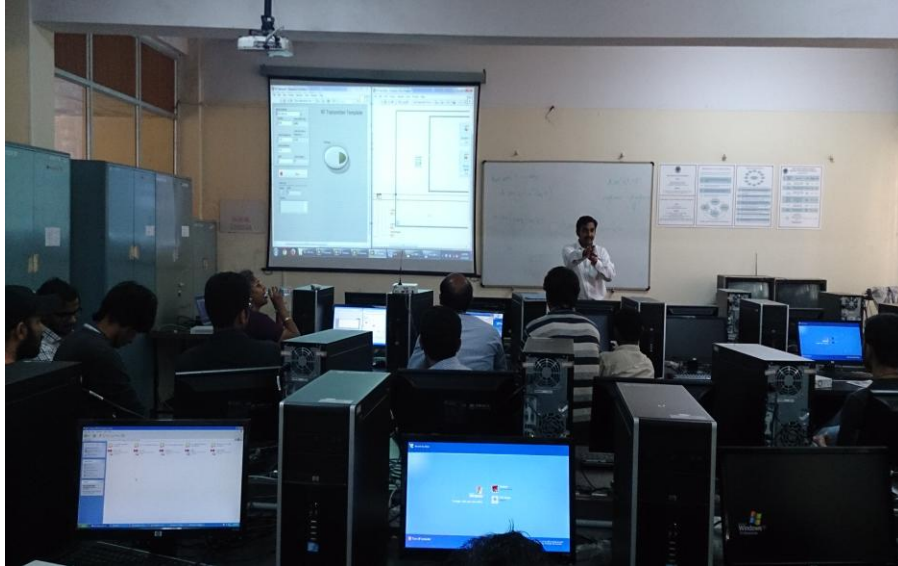
Workshop co-ordinators:

Mr. Manjunath P S and Prasanna Kumar M, Asst Prof, TCE, BMSCE

Universal Software Radio Peripheral
By,
Mr. Raviteja Chivukula, Technical Marketing Engineer, National Instruments
On
14th February 2015

Sponsor: TEQIP-II

Statics of Participants: Students : 42, Faculty: 08



Workshop Brief:

The sessions were interesting with Mr Ravitheja, National Instruments, Bangalore, as the resource person of the workshop. He provided hands on session on NI USRP and overview on USRP

Names of Coordinators: Dr. B Kanmani, Shreenivas B; Faculty – TE

Introduction to LabVIEW and Multisim

By,

S Danabal, Academic Manager, National Instruments
Dr. B Kanmani, Shreenivas B, Prasanna Kumar M K
Department of Telecommunication Engineering

On

27th May 2015 to 1st June 2015 (10:00 am to 1:00 pm)

Organized by

Department of Telecommunication Engineering

In association with

IEEE-BMSCE Student Branch

As part of the

Industry-Institute Activity

Statics of Participants: TE : 23, CS: 04,ML: 01, EE:02, EI:02 , EC:02 , ME:02



Outcome:

Ability to apply knowledge of mathematics, Science and engineering to design, formulate and develop LabVIEW code for a defined problem

Workshop Brief:

The workshop is planned during the semester break for First year students, with an intention to introduce a modern engineering tool, 'LabVIEW and Multisim'. The workshop shall introduce the participants to the tools and enable them to continue use this tool further during their engineering program. There was no registration fee for the participants. The workshop was planned in association with National Instruments, as part of the Industry-Institute-Interaction, and in association with the BMSCE-IEEE student Branch.

Names of Coordinators: Dr. B Kanmani, Shreenivas B, Prasanna Kumar M K ; Faculty – TE

Project based learning using UTLP

By,

Hemachandra Bhat, Senior Delivery Manager, Wipro Technologies

Prasanna Kumar MK, Dept. of TE

Soniya agrawal, Dept. of EE

On

1st June 2015 to 30th June 2015 (10:00 am to 1:00 pm)

Organized by

Department of Telecommunication Engineering

As part of the

Industry-Institute Activity

Statics of Participants: TE : 21, ML: 05, EE:03, EC:06



Outcome:

Deep learning, communication skill, team work

Workshop Brief:

The workshop was planned during the semester break for second and third year cluster students with an intention to introduce project based learning to accomplish deep learning, communication skill and team work. The course shall introduce the participants to the Wipro UTLP (Unified Technology Learning Platform) kit along with tools like Eclipse, ULK control panel in Linux environment and Embedded 'Programming. This course will also enable them to continue use this kit further during their engineering program. There was no registration fee for the participants. The value added course was planned in association with PROPEL LAB-5, R&D, BMSCE and Mission 10x- Wipro Technologies, Bangalore.

Coordinators: Prasanna kumar MK, Dept. of TE, Soniya agrawal, Dept. of EE