

ABOUT BMSIT&M

B.M.S. Institute of Technology & Management affiliated to VTU, Belagavi, is managed by the BMS Educational Trust, Bengaluru. BMSIT&M is emerging as one of the finest technical institutions, in providing high quality academic instruction and teaching innovation.

BMSIT&M has been accredited with 'A' Grade by National Assessment and Accreditation Council (NAAC). BMSIT&M has been elevated into NIRF Elite club of Top 100 Institutions. BMSIT&M has signed several MOUs including KPIT and TEXAS Instruments for high quality learning.

ABOUT MCA DEPARTMENT

The Department of MCA was started during the academic year 2003-04 with an approved intake of 60 students. **MCA programme is provisionally accredited by NBA, New Delhi in 2017-18.** The experienced and dedicated team of faculty members have presented/published more than 64 research papers in the last four academic years in National/International Conferences/ Journals. Some of the joint papers of staff and students have won "Best paper Award". The department has adopted outcome-based education model with a strong Vision & Mission. Other key practices of the department are Partial Delivery of Classes by industry experts, Value Added Courses, Expert Talks, innovation in teaching/ learning by practising the following methods: Cooperative/Blended/Self/Case study Based

Learning, Project/Problem based learning, Seminar by students and Samshodhana Samvaada. To orient faculty/students towards research, department research council organizes research talks and panel discussions. Department is recognized as VTU Research Center to offer Ph.D / M.Sc (Engg) by Research program. Department has obtained 9 ranks since inception, with 1st rank in 2015-16 at VTU level with 3 gold medals as well as 4th rank. Dept. has aggregate result and placement of nearly 90% since its inception. Dept. has signed several MoUs and organize regular industrial visits. Faculty and students participate in several outreach activities/programmes as part of academic social responsibility under "Joy of Giving" club.

VISION

To develop quality professionals in Computer Applications who can provide sustainable solutions to the societal and industrial needs

MISSION

Facilitate effective learning environment through quality education, state-of-the-art facilities, and orientation towards research and entrepreneurial skills

PREAMBLE

Unix gradually gained portability, multi-tasking and multi-user capabilities in a time-sharing configuration. Course is mainly focused on creating awareness on Linux Open source Platform and to get familiar with Linux tools used for configuration,

development of applications and its deployment. More importantly students will be introduced to modern concepts such as: Server configurations, Automated scripts, Containers, Cyber Security and so on. This course aims at bridging the gap between Industry and Academia.

OBJECTIVES OF THE WORKSHOP

Objective of the workshop is to explore the state-of-art practices in Linux Open source Platform, Security implementation and Server maintenance.

EXPECTED OUTCOMES

Participant will be able to:

- ☛ Work efficiently on Linux Platform.
- ☛ Configure and deploy Web applications in Linux.
- ☛ Develop shell/awk scripts to solve real world problems.
- ☛ Design and implement Cyber Security solutions to social/environmental relevance projects.

SPEAKERS

Mr. Raghavendra. T.A
Cerner, Bengaluru

Mr. Leo Antony
Cerner, Bengaluru

Mr. Sudarsanam. P
Mr. Venkatesh. A

Assistant Professors, Dept. of MCA

PATRONS

Dr. B. S. Ragini Narayan

Chairperson, BMSET
Educationist, Donor Trustee & Member
Secretary, BMSET

Dr. P. Dayananda Pai

Trustee, BMSET
Chairman, BOG BMSCE

Dr. S.K. Shivakumar

Trustee, BMSET
Former Director, ISRO Satellite Centre,
Padmashri Awardee

Sri. M. MADAN GOPAL, IAS (Retd.)

Trustee (Govt. Nominee), BMSET
Former Additional Chief Secretary
Commissioner, Department of Collegiate
Education, Govt. of Karnataka

WHO CAN PARTICIPATE?

Interested students & faculty members passionate for research can attend the workshop.

Note:

1. Participants are requested to confirm the registration by sending an email to: Prof. Sudarsanam P, sudarsanam@bmsit.in, along with the scanned copy of the Registration Form and the DD drawn in favour of "**Principal BMSIT, Bengaluru**" on or before 11-02-2019 or spot registration by paying cash at the registration desk.

2. Participants are requested to report at Registration Desk at 8.30 AM on 12th February, 2019 at the Department of MCA.

3. Registration Fee: **Rs. 300/-**

SCHEDULE

Day 1 – Linux overview, Server Configuration, Automated Scripts, Practical session

Day 2 – Introduction to powerful unix commands, Shell programming, awk programming, Practical session.

Day 3 – Introduction to LAMP, Programming using LAMP, Simple Web Application development, deployment using Apache Tomcat, Practical session.

Day 4 – Security in Linux, Open source tools, configuration and security implementation.

Day 5 – Configure and Setup DNS server, Practical session.

ORGANIZING COMMITTEE

Chair Person:

Dr. Mohan Babu G N

Principal, BMSIT&M

Organizing Secretary:

Dr. Aparna. K.

HOD, MCA, BMSIT&M

Members: All Faculty of MCA

Contact Persons:

Dr. Aparna. K, hod_mca@bmsit.in

Prof. Venkatesh. A, 9663888775

Prof. Sudarsanam P, 9945290258

For Registration:

Prof. Sridevi. M, 9035358066

sridevim@bmsit.in

Prof. Nirupama. K, 9113073197

nirupamak@bmsit.in

**BMS INSTITUTE OF
TECHNOLOGY
& MANAGEMENT, BENGALURU**

DEPARTMENT OF MCA
Provisionally Accredited by NBA

**FIVE DAYS
OPEN SHORT-TERM COURSE on**

**“LINUX PROGRAMMING &
SECURITY IMPLEMENTATION”**

February 12th to 16th, 2019

PARTICIPANT REGISTRATION FORM

1. Name:
2. Qualification:
3. Branch :
4. Name of the Institution:
6. E-mail ID :
7. Contact Ph. No.
8. DD No. & Bank
and Date:

Registration Amount: 300

Signature & Seal of the Dept. Head
/Head of the Institution with date

