

**Criteria - 6.3.3**  
**Professional Development /**  
**Administrative Training for**  
**Teaching and**  
**Non-Teaching Staff**  
**for**  
**Academic year**  
**2018-19**


**Ballari Institute of Technology & Management,  
Allipur, Ballari-583104**

**Circular**

**Date: 15-06-2019**

All the participants who are registered for Three Days Faculty Development Program (FDP) on "Outcome based Education (OBE)" are hereby informed to attend all the program without leaving any sessions. During the FDP, working lunch & tea/coffee will be provided.

**Enclose: FDP Session Schedule**

  
**Principal**  
Principal,  
Ballari Institute of Technology & Management  
**BELLARY.**

**Copy to:**

**CSE/EEE/ECE/MECH/CIVIL/MBA/PHY/CHEM/MATHS**

Registration Form for 3 Days FDP

On

"OUTCOME BASED EDUCATION (OBE)"

Name of the Participant: .....

Department: .....

Address: .....

Contact Number: .....

Email id: .....

Signature of the Participant

Resource persons:

1. Dr.Ranganath R V  
Dept. of Civil Engineering  
BMS College of Engineering Bangalore
2. Dr. D Sheshachalam  
Dept. of Electronics & Communication  
Engineering  
BMS College of Engineering Bangalore

Organizing Committee

Chief Patrons:

Dr. Yashvanth Bhupal  
Director, BITM, Ballari

Patrons:

Prof. Prithviraj Y J  
Dy. Director, BITM, Ballari  
Dr. V C Patil  
Principal, BITM Ballari  
Dr. Y Basavaraj  
Vice-Principal and HOD Mech. Dept. BITM Ballari

Convenor:

Dr. U Eranna  
Prof. & HOD Dept. of ECE

Organizing committee

Dr. R N Kulkarni, Prof. & HOD Dept. of CSE  
Dr. B S Khened , Prof. & HOD Dept. of EEE  
Dr. Mahabaleshwar , Prof. & HOD Dept. of Civil  
Dr. Machappa T , Prof. & HOD Dept. of Physics  
Dr. Suresh , Prof. & HOD Dept. of Chemistry  
Dr.K S R Sridhar, Prof. & HOD Dept. of  
Mathematics  
Dr. M Javed Kalburgi, Prof. & HOD Dept. of  
MBA



**Ballari Institute of Technology &  
Management**

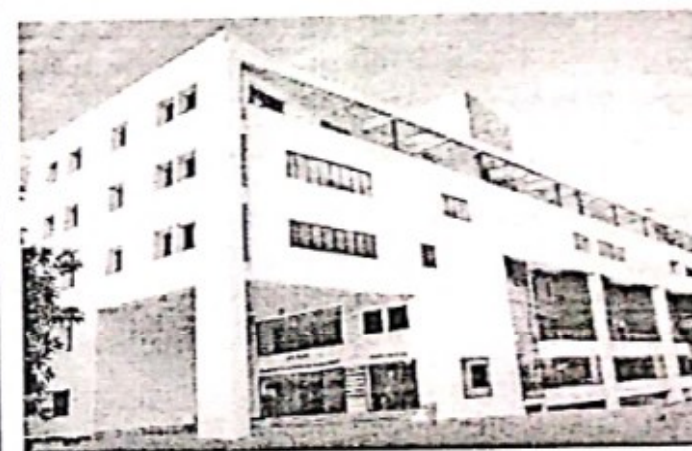
Jnana Gangotri Campus, Hosapete Road, Near Allipura  
Ballari, Karnataka-583104

Three Days FDP

On

"OUTCOME BASED EDUCATION (OBE)"

17<sup>th</sup> -19<sup>th</sup> June 2019



Conducted by

**Ballari Institute of Technology &  
Management  
Ballari**

## **E.H.R.D Trust**

Tungabhadra Education, Health and Rural Development Trust, Bellary was established in the year 1981 and dedicated purely for the cause of quality education in the field of Science, Engineering & Technology, and Management offering excellent education. A group of dedicated philanthropic people founded the T.E.H.R.D. Trust, which flourished, to the extent of having 07 Institutions under its umbrella, comprising almost every discipline of education.

Since the beginning of the Trust, it was engaged in different welfare activities as per its objectives, and in the year 1992, it has decided to establish Sanjay Gandhi Polytechnic at Bellary, to provide a quality technical education and the same is well established. This was followed with other technical institutions i.e., Ballari Institute of Technology & Management, Bellary, Bellary Industrial Training Center, Bellary.

### **About the Institution**

Ballari Institute of Technology & Management was established in the year 1987 with the aim of providing quality education. The institution is run by EHRD trust, Founded by Late Smt. Basavarajeshwari, former Union Minister.

The Institution is recognized by Govt. of Karnataka. Approved by AICTE, New Delhi & Affiliated to Visveswaraya Technological University, Belagavi. The institution has been accredited by NAAC and is certified by ISO 9001:2015. BITM empowers the students with technical & Managerial skills, Professional ethics & values and appreciation of human creativity and innovation for an inquisitive mind. Its Place vital role in producing top quality professional to meet Industrial & Technological requirements.

### **Institution Vision**

To contribute valuable graduates for industry and society through excellence in technical & management education and research.

### **Institution Mission**

- To offer state-of-the-art undergraduate, postgraduate and doctoral programmes.
- To empower the students with Technical, Managerial Skills and professional ethics.
- To collaborate with academia and industries for skill development.

### **About the FDP**

Outcome based education (OBE) is student centered instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Its focus remains on evaluation of outcomes of the program by stating the knowledge, skill and behavior a graduate is expected to attain upon completion of a program and after 4 - 5 years of graduation.

### **Topics Covered:**

- Overview of OBE,
- Vision, Mission, PEOs and Program Outcomes
- Program Curriculum and curriculum gaps
- Framing quality course outcomes (CO) and its attainment, CO-PO mapping
- Over view of SAR and accreditation process/criterion for accreditation
- PO attainment calculation
- Assessment Methods and Course Files
- Best Practices, SAR Filling and Documentation

### **Convenor**

Dr. U Eranna

Prof. & HOD Dept. of ECE

Ballari Institute of Technology & Management  
Allipura, Hosapete Road, Ballari.  
Karnataka.

Email ID: Jayaveer\_88@yahoo.com

Landline: 08392-237177

Phone No: 9036999709

## **FDP REPORT**

The institute has organised Three-days FDP on Outcome Based Education (OBE) for the faculty members. The program details are as follows:

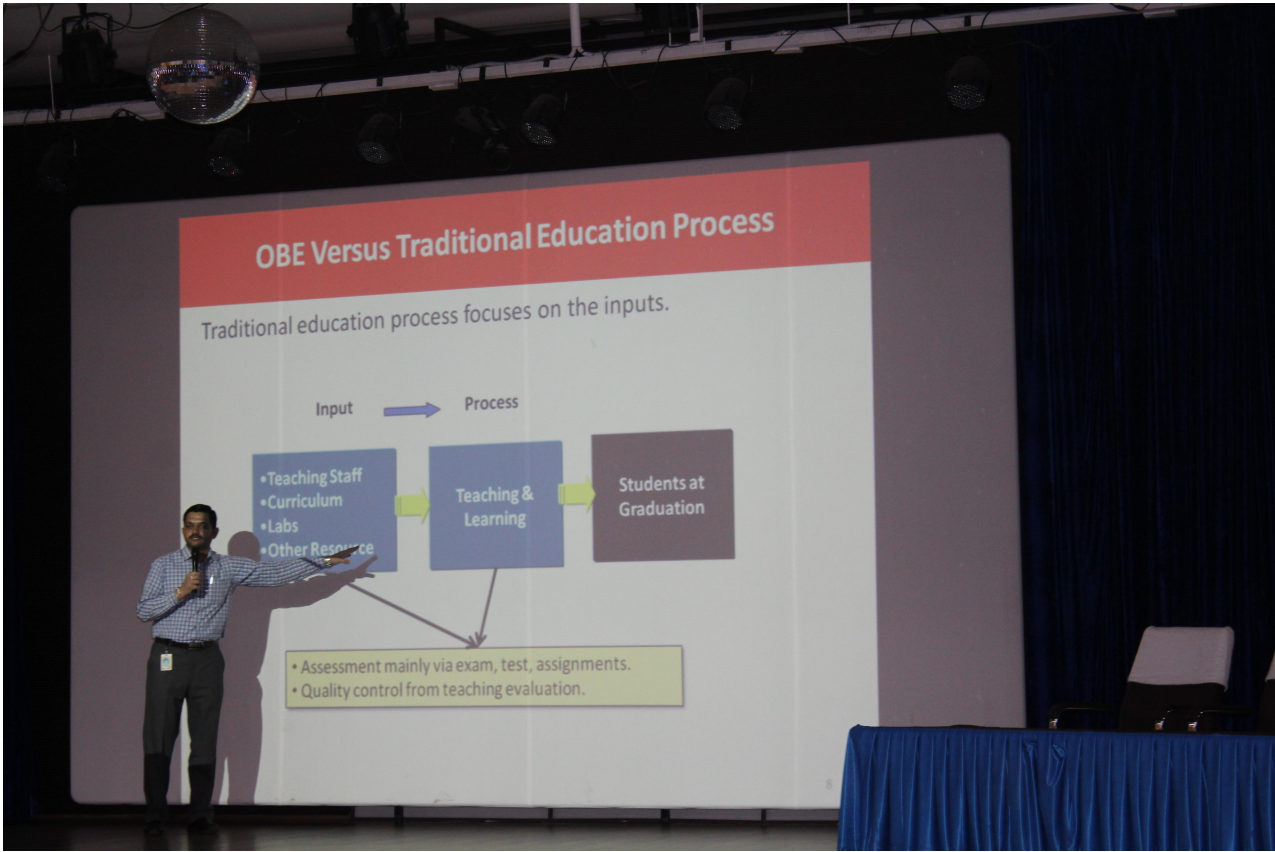
1. Name of the event : **Outcome Based Education (OBE)**
2. Date : 17-06-19 to 19-06-2019
3. Time : 10AM To 4:30 PM
4. Venue : BITM Auditorium.
5. Resource Person : Dr. Ranganath R.V and Dr. D. Sheshachalam from BMS  
College of engineering
6. FDP Co-ordinator : Dr. U. Eranna, Prof. and HOD ECE Dept.

### **Objectives of the Program:**

- To explain about overview of OBE.
- To discuss the process of defining Mission, Vision, PEOs and POs
- To discuss the process of identifying curriculum gaps.
- To discuss CO/PO Mapping and CO Attainment Calculations.
- To explain PO Attainment Calculation.
- To explain overview of the SAR.
- To discuss about the assessment methods.
- To explain SAR preparation and documentation

### **Outcome:**

- Participants understood the importance of OBE.
- The participants have cleared doubts w.r.t the process of defining Mission, Vision, PEOs and POs.
- Participants understood the CO/PO Mapping and CO Attainment Calculations.
- Created awareness about SAR preparation and documentation.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

**Important Date:**  
Event Date: 29th & 30th April 2019  
Last day of registration: 25th April 2019

### PROGRAM COORDINATORS

**Dr. Shaheeda Banu S**

Associate Professor  
Department Of Management Studies  
BITM, Ballari  
Mob: 9845737140  
E-Mail: drsyedshaheeda@gmail.com

**Prof. Renuka S**

Assistant Professor  
Department Of Management Studies  
BITM, Ballari  
Mob: 9008399124  
E-Mail: sastryrenu@gmail.com



**BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT**  
"Jnana Gangotri" Campus, No.873/2, Bellary-Hospet Road,  
Allipur, Bellary-583 104, Karnataka State, India



## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI

AICTE approved/CRISIL KA B\*\*\*Rated/ISO 9001:2015 Certified

**Dept of Management Studies  
Presents  
Faculty Development Program - 2019**



### DATA ANALYSIS USING SPSS

**April 29th and 30th, 2019**

## About BITM

Ballari Institute of Technology and Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognised by Govt. of Karnataka, Approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2015 and accredited by NAAC National Board of Accreditation. BITM plays a vital role in crafting world class engineers and management professionals tuned the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

## About BITM-DMS

The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organizational settings. The ideology of DMS is to develop facets of management through education, training, counseling and publications. DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO 9001-2015 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 49th in Beyond IIM's B-school survey 2014 conducted by Higher Education Review. And our institution is NAAC accredited

## About the Faculty Development Programme on SPSS

SPSS is the set of software programs that are combined together in a single package. The basic application of this program is to analyze scientific data related with the social science. This data can be used for market research, surveys, data mining, etc. SPSS is revolutionary software mainly used by research scientists which help to process critical data in simple steps. Working on data is a complex and time consuming process, but this software can easily handle and operate information with the help of some techniques. These techniques are used to analyze, transform, and produce a characteristic pattern between different data variables. In addition to it, the output can be obtained through graphical representation so that a user can easily understand the result. Read below to understand the factors that are responsible in the process of data handling and its execution. SPSS simplifies the process of Data Transformation, Regression Analysis, ANOVA (Analysis of variance), MANOVA (Multivariate analysis of variance) and T-tests for researchers across all the disciplines.

## Who Should Attend?

- Faculty members of academic institutes
- Ph.D/ M.Phil Scholars
- Business decision makers
- Persons passionate about Research and Teaching

## TOPICS COVERED :

### DAY 1- 29th April 2019

- Types of data
- Attitude measurement scales
- Testing of Hypothesis
- Parametric and Non-parametric test
- Data Refining
- Data Transformation
- Visual Interpretation of Data
- Skewness & Kurtosis
- Testing the Assumptions on
  - Independence of observations
  - Outlier detection
  - Normality
  - Homogeneity of variance
- Independent sample T test
- One way ANOVA
- Chi square test
- Post hoc test

### DAY 2 – 30th April 2019

- Pearson Correlation
- Linear Regression
- **Multivariate tests**
- Multivariate Assumptions
  - Multicollinearity
  - Homoscedasticity
  - Multivariate Normality
- Multivariate Analysis Of Variance (MANOVA)
- Multiple Regression Analysis
- Exploratory Factor Analysis
  - Validity and Reliability
  - Sample size adequacy
- Factor loading



## RESOURCE PERSON:

Mr. Vinoth, Assistant Professor of MEASI Institute of Management has over 9 years of experience in teaching. His areas of expertise lies in handling Statistics and Operations research subjects in Management courses. He is specialized in marketing and has around 3 years of experience as Business Development Executive in Rane Group. His corporate role involved analyzing market and providing statistical data for market intelligence.

**Venue of the Event:** Seminar Hall and Lab, MBA Department, BITM, Ballari.

**Fees for Registration:** All participants are requested to register for the FDP

by paying the registration fees of ₹1000/-



## **FDP REPORT**

Two-day FDP on Data Analysis using SPSS was conducted by the department of MBA for the faculty members, PhD/Phil scholars and business decision makers. SPSS is the set of software programs that are combined together in a single package. The FDP was enabling the participants to have hands on experience of SPSS which is the current trend in the research field. The program details are as follows:

1. Name of the event : **Data Analysis using SPSS**
2. Date : 29-04-2019 to 30-04-2019
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall.
5. Resource Person : Mr.Vinoth Assistant professor of MEASI Institute of Management from Tamil Nadu.
6. FDP Co-ordinators : Dr. Shaheeda Banu.S and prof. Rekuna.

### **Objectives of the Program:**

To conducted the practical sessions on the following topics:

- ANOVA
- Multivariate Analysis of Variance (MANOVA)
- Chi Square Test
- Skewness
- Regression Analysis
- Correlation

### **Outcome:**

- Participants understood the features of SPSS.
- The FDP enabled the participants to have hands on experience of SPSS tools.
- The basic applications of this program such as data analysis in the market research, surveys and data mining etc. understood practically.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

### About FDP:

- This Faculty development program provides Analysis and design knowledge on RC structures to provide precise information & which is preferred by professionals.
- The software tool is an added advantage in the training programme where the participants will be trained on the trending software tool namely 'CYPE & ETABS'.

### Course Structure

#### DAY 1:

- Inauguration function
- Overall concept of CYPE Software
- Hands on session on CYPE Software

#### DAY 2:

- Basic knowledge on structural engineering
- Concepts of design according to IS codes
- Hands on Session using ETABS

#### DAY 3:

- Site Visit
- Valedictory Function

### Address For Correspondence

- Dr T H Patel
  - Md Khalid s
- Department of Civil Engineering.  
BITM, Ballari, 583104-Karnataka.  
E-mail : mrthpatel@gmail.com  
mdkhalid198@gmail.com  
Mobile No:9448056770, 9008659505  
E-mail : mrthpatel@gmail.com  
mdkhalid198@gmail.com

### Chief Patrons:

**Dr. Yashwanth Bhupal**  
Director, BITM, Ballari.

### Patrons:

**Prof. Prithviraj Y J**  
Dy. Director, BITM, BALLARI.

**Dr. V C Patil**  
Principal, BITM, Ballari.

**Dr. Yadavalli Basavaraj**  
Vice Principal, BITM, Ballari.

**Dr. Mahabaleshwara**  
Prof. & HOD  
Dept. Of Civil Engg. BITM, Ballari.

### FDP Co-Ordinators :

**Dr. T H Patel**  
Professor, Dept of Civil Engg  
BITM, Ballari.

**Md. Khalid S**  
Asst. Professor,  
Dept of Civil Engg. BITM, Ballari.

### Organizing Committee :

ALL STAFF OF  
CIVIL ENGINEERING DEPARTMENT

Three Days  
Faculty  
Development  
Program  
On

"Application  
of  
Advanced  
Software's  
in the  
Construction  
Field"

On  
22/03/19  
to  
24/03/19

Organized by

**DEPARTMENT  
OF  
CIVIL ENGINEERING**

**BALLARI INSTITUTE OF  
TECHNOLOGY & MANAGEMENT**

"Jnana Gangothri Campus"  
#873 Hospet Road, Allipura,  
Ballari - 583104



### About College:

Ballari Institute of Technology & Management Ballari was strated under the aegis of TEHRD Trust, Ballari in the year 1997. The institution is recognized by Govt of Karnataka approved by AICTE, New Delhi and affiliated to Visvesvaraya Technology University, Belagavi.

BITM has many benchmarking activities to its credit. it has received ISO 9001:2015 Certification from INTERTEK Moody International agency.

Advances in Technology and communications have brought the world closer than ever before. BITM Plays a vital role in producing world class engineers turned to the demands of fast changing world that can now be aptly called the Global Village. The Technological changes and constant need to stay ahead, Make BITM one of the Karnataka's Premier Engineering institutions.

### About Civil Engineering Department:

The department of Civil Engineering was started in the year 2014 with an annual intake of 120 students, has very good infrastructure and laboratories which are equipped with the state-of-art equipments. Since inception, the Department is committed to produce competent Civil Engineers. Well qualified, experienced and dedicated faculty members in various disciplines extend adequate support and guidance to the students of different caliber to enhance their understanding, analytical abilities and technical skills beyond curriculum.

### Objectives of FDP:

- To enhance the knowledge level of the subject.
- Analyze and design of concrete structures.
- Able to carry out design and prepare drawings using CYPE & ETABS

### Who Can Attend The Fdp:

- Civil Engineering Faculty
- Students of Civil Engineering
- Consulting Engineers

### COURSE OUTCOMES:

- Enhancement of knowledge in the trained course.
- Personal and professional development.
- Developing the skills and utilization of software.

### Program Outcomes

- Engineering knowledge
- Problem analysis
- Design development and solutions
- Modern tool usage
- Lifelong Learning

### Registration Fees: Rs 500/-

Mode of Payment: DD to be drawn in favor of PRINCIPAL, BITM, BALLARI.

For RTGS/NEFT Payments :  
PKGB, Allipura Branch, Ballari  
A/C :10977111000168  
IFSC CODE: PKGB0010977

## REGISTRATION FORM

Three days Faculty Development Program  
On

**"APPLICATION OF ADVANCED SOFTWARE'S  
IN THE CONSTRUCTION FIELD"**

On 22/03/19 to 24/03/19

Name (In block letters):

.....

Designation: .....

Address: .....

.....

Phone: .....

E-mail: .....

Accommodation required? YES / NO

Educational Qualification: .....

DD/UTR No: .....

## DECLARATION

If Selected I agree to abide by the rules and regulations of the Faculty Development Program Conducted by Department of Civil Engineering, BITM, Ballari.

## **FDP REPORT**

The department of Civil Engineering conducted Three Days FDP on Applications of Advanced Softwares in Constructions for the faculty of civil engineering, civil engineering students and consulting engineers. The program details are as follows:

1. Name of the event : **Applications of Advanced Softwares in Construction**
2. Date : 22-03-2019 to 24-03-2019
3. Time : 10AM To 4:30 PM
4. Venue : Civil Seminar Hall.
5. Resource Person : Mr. S. Basavaraja
6. FDP Co-ordinator : Dr. T.H. Patil

### **Objectives of the Program:**

- To explain the features of CYPE software.
- To provide hands on session using the CYPE software.
- To discuss basic concepts on structural engineering.
- To design structures according to IS codes using CYPE software.
- To have hands on session using ETABS.

### **Outcome:**

- Participants understood the features of CYPE software.
- Overall the software tool is an added advantage in the training program.
- The participants were trained on the trending software tools.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

## BALLARI

BITM/CIR/2018-01

Date:13.08.2018

### CIRCULAR

Our college is implementing Academic Management Software namely "Eduwize". Training needs to be imparted to all the staff. Hence all HOD's are required to nominate one person (Faculty or instructor) for co-ordination and troubleshooting.

Mr. Basavaraj Biradar will impart training by visiting your departments at your convenient time.

Kindly oblige and do the needful.

Departments: MBA, Civil, CSE, ECE, EEE, ME, Physics & Chemistry.



**Deputy Director**

Deputy Director

Ballari Institute of technology & Management  
Ballari

Copy to:

1. The Director 
  2. The Principal 
  3. Vice - Principal 
  4. All Departmental HOD's (CSE, CIV, ECE, EEE, ME, MBA, PHY & CHE) 
  5. Administrative Officer 
-       

## **Eduwise Awareness Program Report**

The Institute is implementing Academic Management Software namely “Eduwise”. In this regard training program has been conducted to bring the awareness about the software usage. One staff undergone training program from each department for co-ordination and trouble shooting. The program details are as follows:

1. Name of the event : **Eduwise Awareness Program**
2. Date & Day : 13-08-2018
3. Time : 10AM To 12:30 PM
4. Venue : CSE LAB-1.
5. Resource Person : Mr.S.Basavaraja

### **Objectives of the Program:**

- To bring awareness about Eduwise software.
- To map the subjects with the faculty.
- To create students database.
- Entry of student attendance and marks.
- To send the students performance to the parents regularly.

### **Outcome:**

- Awareness was created about Eduwise software.
- Participants were trained with hands on experience w.r.t the subjects mapping with the faculties and creation of students database.
- Participants were also trained how to enter students attendance, marks and sending the reports to parents.





  
Principal  
Ballari Institute of Technology & Management  
BELLARY

Criteria - 6.3.3  
Professional Development /  
Administrative Training for Teaching  
and  
Non-Teaching Staff  
for  
Academic year  
**2017-18**



BASAVARAJESWARI Group of INSTITUTIONS



ಬಳ್ಳಾರಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ & ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್, ಬಳ್ಳಾರಿ

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of T.E.H.R.D. Trust<sup>(R)</sup>) NAAC Accredited & Certified by ISO 9001:2015 Institution.

(Recognized by Govt. of Karnataka, AICTE, New Delhi & Affiliated to VTU, Belagavi)

"Jnana Gangotri" Campus, No.873/2, Ballari-Hosapete Road, Allipura, Ballari-583104 (Karnataka)

## Dept. of Civil Engineering

Dear Sir / Madam,

*You are cordially invited to*

Inaugural Ceremony of

Two Days Students Workshop on



## **CYPE Software** **Applications to Civil Engineering**

On Friday, 20<sup>th</sup> April 2018 @ 9.00 am

Venue: MBA Seminar Hall, 2<sup>nd</sup> Floor,  
Admin & PG Block, BITM, Ballari

Chief Guest /  
Resource Person:

**Sri. Amarnath. S.N,** BE-CIVIL  
Design Engineer,  
FE Designs, Bengaluru

In the Presence of:

**Prof. Prithviraj Y J,** BE, M.Tech.  
Deputy Director,  
BITM, Ballari

Presided by:

**Dr. Yashvanth Bhupal,** BE, MS, Ph.D.  
Chairman & Director,  
BITM, Ballari

**Dr. V.C. Patil,** BE, M.Tech. Ph.D.  
Principal

**Dr. H. Mahabaleswara,** BE, M.Tech. Ph.D.  
Prof. & HOD – Civil Engg.

Co-ordinators

**Mr. Anil Kumar HM,** BE, M.Tech.  
**Mr. Md. Khalid S,** BE, M.Tech.

Staff & Students.

Dept. of Civil Engineering

## **WORKSHOP REPORT**

The department of Civil Engineering conducted Two Day workshop on “**CYPE Software-Applications to civil engineering**”. In association with Design Engineer, FE Designs, Bangalore. The program details are as follows:

1. Name of the event : **CYPE Software-Applications to Civil Engineering**
2. Date : 20-04-2018 to 21-04-2018
3. Time : 10AM To 4:30 PM
4. Venue : Civil Seminar Hall.
5. Resource Person : Dr Amarnath. S. N, Bangalore.
6. Workshop Co-ordinators : Mr. Anil Kumar H.M and Mr. Md. Khalid

### **Objectives of the Workshop:**

- To demonstrate the basic applications of CYPE software.
- To provide hands on session on CYPE software.
- To create building models using Co-ordinate system.
- To create of building models using Cad Drawing at the back ground.

### **Outcome:**

- Overall the software tool is an added advantage in the training program.
- The participants trained on the trending software tools in creating building models using co-ordinate system.
- Hands on session were provided on CYPE software to all the participants.



  
Principal  
Ballari Institute of Technology & Management  
BALLARI

**REGISTRATION FORM**

Name : .....

Department : .....

Organization : .....

Address : .....

.....

.....

Pin Code : .....

Phone : .....

Email : .....

Academicians / Industry / PG / Ph.D Students

.....

Accommodation Yes / No .....

**PAYMENT DETAILS (DD/NEFT)**

DD :

DD No. : .....

Dated : .....

Name of the Bank & Branch :

.....

NEFT :

UTR No.: .....

Dated : .....

Note : Limited to 40 participants

Signature of  
the Candidate

Signature of the  
Principal / Sponsoring  
Authority

**ORGANIZING COMMITTEE**

**Chief Patron:**

Dr. Yashvanth Bhupal  
Director, BITM, Ballari

**Patrons:**

Prof. Prithviraj Y.J  
Dy. Director, BITM, Ballari  
Dr. V.C. Patil  
Principal, BITM, Ballari

**Convener:**

Dr. Rajashree V. Biradar  
Prof. CS & E, BITM, Ballari

**Coordinators:**

Mrs. Anita Patil  
Mr. Girish Kumar. D  
Mr. Srisaila Nath

**Workshop Committee**

All Teaching and non teaching Staff members  
and Students of Computer Science &  
Engineering Department, BITM, Ballari.



Organized by

**Department of Computer Science & Engineering**  
**Ballari Institute of Technology and Management**  
"Jnana Gangothri" Campus, No. 873/2,  
Ballari-Hospet Road,  
Near Allipur, Ballari - 583104

## ABOUT THE ORGANIZATION

Ballari Institute of Technology & Management (BITM) was established in the year 1997 at Ballari in Karnataka under the management of Tungabhadra Education Health & Rural Development Trust (T.E.H.R.D). It is affiliated to the Visvesvaraya Technological University (VTU), Belagavi and approved by AICTE New Delhi. The institute has been accredited by NAAC and ISO 9001:2015 certified. BITM is rated and ranked consistently with top 20 colleges in Karnataka. BITM empowers the Students with Technical & Managerial Skills, Professional Ethics & Values, and an appreciation of Human Creativity & Innovation for an inquisitive mind.

## ABOUT THE DEPARTMENT

Computer Science and Engineering Department was started in the year 1997. The course is an outcome based structured to help students achieve their goal. It had added a PG programs to its credit namely Computer Networking Engineering (CNE) since 2004 and is permanently affiliated to VTU. The department also has VTU recognized Research Centre. The department has professional excellence in advanced technologies and research. The department has highly qualified, experienced and dedicated staff members to cater the needs of the students. The department has MoU with Wipro's mission 10X, IBM co-branded special labs and Infosys Campus Connect programs.

## MISSION AND VISION OF THE DEPARTMENT

**Mission:** To impart top quality professional education by mentoring the students to become multi skilled professionals with rewarding career through team work, innovative thinking, commitment and ethical responsibility.

**Vision:** To train the students with in-depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity, social awareness and leadership skills for the overall development

## WORKSHOP OBJECTIVES

- To introduce the principles of Internet of Things (IoT), core concepts, technology trends, infrastructure, application areas, platforms and market analysis.
- To build IoT application utilizing off the shelf hardware, sensors and cloud components.
- To provide an appropriate platform for academicians and industrialists to interact and share knowledge about the developments in the field of IOT.

The workshop includes theory, demonstration and lab sessions delivered by renowned industrial experts.

## ACCOMMODATION

Accommodation will be arranged on request in college hostel. Limited accommodations are available. Please inform in advance for accommodation

## REGISTRATION FEE

For online registration go to the following link:  
<https://goo.gl/forms/NC3jC8fma53sS1hb2>  
Rs 1000/ for all participants.

### Mode of Payment (DD/NEFT)

**DD:** Send filled registration form along with DD drawn in favor of **The Director BITM, Ballari** payable at Ballari on or before **27/01/2018** to the below mentioned address.

(OR)

**NEFT:** Send filled registration form along with UTR No. to the below mentioned address.

Acc No: 10977111000168

In favor of **Director, BITM Ballari**  
**Pragathi Krishna Gramina Bank, Allipur,**  
**Ballari, IFSC Code: PKGB0010977**

## ADDRESS FOR COMMUNICATION

**Dr. Rajashree V Biradar**  
Professor, Dept. of CSE, BITM, Ballari  
[bitmcseiot18@bitm.edu.in](mailto:bitmcseiot18@bitm.edu.in)

## PROGRAMME SCHEDULE

**Day 1 : 9/02/2018**

Demonstrations and Hands on sessions on Basic concepts of IOT.

**Day 2 : 10/02/2018**

Demonstrations and hands on lab sessions on building IOT applications

## CONTACT PERSONS FOR FURTHER DETAILS

Mrs. Anita Patil - 9886106778  
Mr. Girish Kumar D - 9886954954  
Mr. Srisaila Nath - 9886064926

## **WORKSHOP REPORT**

Two-day National Workshop on the **Internet of Things (IoT)** was organised by the department of Computer Science Engineering for the faculty members, research scholars and PG students. The Internet of Things (IoT) has evolved from the convergence of wireless technologies, and the Internet, by connecting “things” in the real world such as home appliances, industrial equipment, surveillance cameras, monitoring sensors, and actuators.

The program details are as follows:

1. Name of the event : **National workshop on Ineternet of Things (IOT)**
2. Date : 09-02-2018 to 10-02-2018
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall.
5. Resource Person : Dr. R.N Kulkarni, Prof and HOD CSE Dept.
6. FDP Co-ordinators : Dr. Rajashree Biradar

### **Objectives of the Workshop:**

- To explain the features of IoT.
- To understand the IoT Architecture.
- To describe the recent protocols in IoT (6LWPAN, RPL, MQTT, Zigbee).
- To understand M2M in IoT.
- To design an IoT system--- Power supply, Processor, Memory Sensor Interface
- To understand the Cloud-centric Internet of Things.
- To know the applications of IoT in industry .
- To study Security and privacy issues in IoT.
- To know the Research challenges in IoT

### **Outcome:**

- The participants understood the features of IoT.
- Workshop helped in exploring IoT applications in industry, domestic and commercial areas.
- Participants have learnt about protocols of IoT.
- Workshop provided a platform to discuss research challenges, security and privacy issues of IoT.







## **WORKSHOP REPORT**

The department of Computer Science Engineering was conducted Two-days Workshop on the “**Avenues for Research and Publications**” for the faculty members, research scholars and the students. The participants were got an opportunity to discuss their research papers/ideas and its publication avenues with the resource persons and clarify their doubts.

The program details are as follows:

1. Name of the event : **Workshop on Avenues for Research and Publications**
2. Date : 18-01-2018 to 19-01-2018
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall.
5. Resource Person : Dr. R. N. Kulkarni, Prof and HOD CSE Dept.
6. FDP Co-ordinators : Dr.R. N. Kulkarni, Prof and HOD CSE Dept.

### **Objectives of the Program:**

- To create awareness about journal publications, its need, relevance, and scope.
- To know the importance of literature review and defining the problem.
- To discuss formulation of hypotheses/model.
- To know the importance of research methodology.
- To understand the usage of various reference styles and introduction of reference tools.
- To know the importance of Plagiarism, copyright, academic journal's rating & impact factor
- To identify the right journal and submitting the paper for peer-review process.
- To understand the role of citations and means to improve citations.

### **Outcome:**

- Created awareness about journal publications, its need, relevance, and scope.
- Workshop helped in exploring details of research methodology.
- Participants have learnt about formulation of hypotheses/model.
- Workshop provided a platform to discuss research challenges, Plagiarism, copyright, academic journal's rating & impact factor.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY.

Date: 16/12/2017

## CIRCULAR

Faculty Development Program on Instructional Design and Delivery (IDDS) will be conducted from 18<sup>th</sup> to 22<sup>nd</sup> Dec. 2017 at Tom Peter's Hall, 1<sup>st</sup> Floor, Admin & PG Block.

The following contents will be covered:

This course would cover the following content:

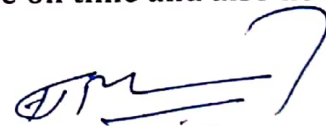
- (a) Teaching learning process;
- b) Redefining instructional objectives;
- (c) Instructional Planning;
- (d) Instructional Methods;
- (e) Technology enabled Teaching Learning Process;
- (f) Classroom Management
- (g) Fundamental of Student Evaluation; and
- (h) Simulated teaching session.

It also covers the research underlying these topics and adopt different pedagogies in learning the content. The course is delivered in an interactive format and would require sufficient preparation for each session and active participation by the participants. This Course is proper blend of lecture, demonstration and guided practice session. Course explores the class handling through the principle of teach, touch and transform. The training methodology includes face to face lectures by resource persons followed by discussions, blended method of guided practice session, experience sharing, individual and group tasks.

The learning activities in the each lecture are distributed in such a way to ensure the achievement of the learning objectives in a flexible manner. There are guided practice sessions with precise deadlines to be observed.

**All the faculty members listed below are required to be on time and also no leave will be sanctioned during this 5 days FDP.**

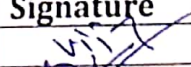
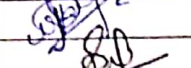
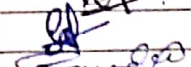
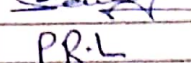
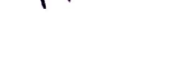
**Faculties are required to adjust their any exam duties.**



Prof. P. D. Shivraj,  
Deputy Director,

Ballari Institute of Technology & Management,  
BELLARY.

### Electrical & Electronics Engg.

Name	Signature
1. Vijay Kumar M K	
2. Pushpalatha Kumari	
3. Sarala P	
4. Sarala J	
5. Sandeep	
6. Rajyalakshmi	PR-L

ONE WEEK FDP  
On

“INSTRUCTIONAL DESIGN AND DELIVERY  
SYSTEMS”

**REGISTRATION FORM**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mobile No. \_\_\_\_\_

Date: \_\_\_\_\_ Signature of the  
Applicant

Signature of the HOD

**Chief Patron:**

Dr. Yashvanth Bhupal  
Chairman & Director/Managing Trustee

**Patrons:**

Prof. Prithviraj .Y.J  
Deputy Director/Trustee

Dr. V C Patil  
Principal

Dr. K S R Sridhar  
Vice-Principal

**Organizing committee:**

Dr. U. Eranna, Prof. and HOD, ECE  
Prof. B.S. Khened, Prof. and HOD, EEE  
Dr. R.N. Kulkarni, Prof. and HOD, CSE  
Dr. Yadavalli Basavaraj, Prof. HOD, ME  
Dr. H. Mahabaleswar, Prof. and HOD, Civil  
Dr. Suresh, Prof. and HOD, Chemistry  
Dr. T. Machappa, Prof. and HOD, physics

**Resource Persons:**

From NITTR CHENNAI, T.N

**Dr. K.S.A. DINESH KUMAR**

**Dr. G. JANARDHANAN**

**Er. V. SHIVA KUMAR**

**Dr. S. SOMASUNDRAM**



**BALLARI INSTITUTE OF  
TECHNOLOGY &  
MANAGEMENT**

“JnanaGangotri” Campus, #873/2, Bellary-  
Hospet Road, Allipur, Ballari- 583104,  
Karnataka

ONE WEEK FDP  
on

“INSTRUCTIONAL DESIGN AND  
DELIVERY SYSTEMS”

18<sup>th</sup> to 23<sup>rd</sup> December 2017



Organized By:

**BALLARI INSTITUTE OF  
TECHNOLOGY AND MANAGEMENT,  
BALLARI**

#### **ABOUT INSTITUTION:**

Ballari Institute of Technology and Management (BITM) is established in the year 1997 with the aim of providing quality education. The institution is run by T.E.H.R.D trust which was founded by Late. Smt. Basavarajeswari, Former Union minister. The campus spread over 11 acres of greenery, with ecofriendly surroundings, has facilities that are a class apart, combining aesthetics with modernity. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and affiliated to Visveswaraya Technological University (VTU), Belgaum. The institute is certified by ISO 9001-2008. Separate hostel facility for boys & girls and a recreational area, BITM has come a long way, in terms of providing the very best of technical and management education with highly acclaimed academic delivery complemented with superlative infrastructure. BITM plays a vital role in producing top-quality professionals to meet industrial and technological requirements.

#### **WORKSHOP OBJECTIVES:**

The new role of teachers demands a new way of thinking and understanding of the new vision of the learning process. There is enough evidence in different fields of educational practice to understand that learning does not happen in the absence of

teacher expertise in what to teach and how to teach it. Strong formal teaching and learning, aided by various educational technologies and premised on an up-to date understanding of the vocational, technical and professional field of practice is what is 'good enough' for Technical education. Ensuring that teachers are central to the reformation of curriculum will enable the development of pedagogy that provides the most favorable condition of learning and the highest quality learning outcomes for all students.

#### **TOPICS COVERED:**

- Teaching Learning Process (TLP)
- Redefining Instructional Objectives
- Instructional Planning
- Instructional Methods
- Technology Enabled Teaching Learning Process (TLP)
- Classroom Management
- Fundamentals of Students Evaluation
- Simulated Teaching Sessions.

## **FDP REPORT**

The Institute has organised Six-days FDP on “Instructional Design and Delivery Systems” for the faculty members. The resource persons were from The National Institute of Technical Teachers Training and Research (NITTTR) Chennai, Tamil Nadu. The program details are as follows:

1. Name of the event : **Instructional Design and Delivery Systems**
2. Date : 18-12-2017 to 23-12-2017
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall.
5. Resource Person : Dr. K.S.A. Dinesh Kumar, Dr. G. Janardhanan, Er. V. Shiva Kumar and Dr. S. Somasundram
6. FDP Co-ordinators : HODs of all the Depts.

### **Objectives of the Program:**

- To understand the Teaching Learning Process (TLP).
- To redefine Instructional objectives.
- To carry out Instructional Planning.
- To discuss Instructional Methods.
- To understand Technology Enabled Teaching Learning Process (TLP).
- To know the classroom management
- To analyse the fundamentals of students evaluation
- To practice simulated teaching sessions.

### **Outcome:**

- Faculty members understood the Teaching Learning Process (TLP) approaches.
- The FDP has enabled the participants to redefine instructional objectives for their respective subjects.
- The FDP has provided platform to discuss and understand instructional methods and classroom management.
- The practice simulated teaching sessions enhanced their teaching skills.



## Invitation

All faculty members are invited  
for the inauguration of  
**Faculty Development Programme**  
Conducted by NITTTRC, Chennai

On Monday, 18<sup>th</sup> December 2017 @ 9.00 AM  
Venue: BITM Auditorium, 3<sup>rd</sup> Floor, Admin & PG Block

### Resource Persons:

	<p><b>Dr. K. S. A. Dinesh Kumar.</b>, Ph.D., M. ASCE., M. ISTE., M. ICL., Assistant Professor &amp; Estate Officer Department of Civil Engineering National Institute of Technical Teachers Training and Research Chennai Taramani, Chennai - 600 113</p>
	<p><b>Dr. G. Janardhanan.</b>, Ph.D (USA) ., M.ASCE., M.ASEE., M.IEL., M.IGS., M.ISTE.,M.NSWA., Associate Professor &amp; Head i/c Centre for Environmental Management &amp; Centre for International Affairs (Addl. Charge) National Institute of Technical Teachers Training and Research Chennai Taramani, Chennai - 600 113</p>
	<p><b>Er. V. Sivakumar</b> Associate Professor &amp; Head i/c NITTTR Extension Centre (Bengaluru) National Institute of Technical Teachers Training and Research Chennai S J Government Polytechnic Campus, Seshadri Road, Bengaluru, Karnataka 560001</p>
	<p><b>Dr. S. Somasundaram.</b>, Ph.D., M.ISTE., Assistant Professor &amp; Officer Vehicle In Charge Department of Mechanical Engineering National Institute of Technical Teachers Training and Research Chennai Taramani, Chennai - 600 113</p>

Note: After the inauguration, the participating faculty will assemble at Tom Peter's Hall, 1<sup>st</sup> Floor, Admin & PG Block.

Dr. V.C. Patil  
Principal

Prof. Prithviraj.Y.J  
Deputy Director.

Dr. Yashvanth Bhupal  
Director

Basavarajeswari Group of Institutions

ಬಳ್ಳಾರಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ & ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್, ಬಳ್ಳಾರಿ

**BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI**



**FACULTY DEVELOPMENT PROGRAM ON**

**INSTRUCTIONAL DESIGN AND DELIVERY**



**Conducted by:**

**National Institute of Technical Teachers Training and Research Chennai**

**From 18<sup>th</sup> to 22<sup>nd</sup> Dec. 2017**

**Venue: Tom Peter's Hall, 1st Floor, Admin & PG Block. BITM, Ballari**

**Resource Persons:**

**Dr. K. S. A. Dinesh Kumar.,** Ph.D., M. ASCE., M. ISTE., M. ICI.,

**Dr. G. Janardhanan.,** Ph.D (USA). M.ASCE. M.ASEE., M.IEI. M.IGS. M.ISTE., M.NSWA.

**Er. V. Sivakumar**

**Dr. S. Somasundaram.,** Ph.D., M.ISTE.

Principal  
Ballari Institute of Technology & Management  
BELLARY

Two – Days FDP  
On

## Interactive Session on OBE and NBA Documentation

### REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

E-mail: \_\_\_\_\_

Mobile No. \_\_\_\_\_

Date: \_\_\_\_\_  
Signature of the  
Applicant

Signature of the HOD

### Chief Patron:

Dr. Yashvanth Bhupal  
Chairman & Director/Managing Trustee

### Patrons:

Prof. Prithviraj .Y.J  
Deputy Director/Trustee

Dr. V C Patil  
Principal

Dr. K S R Sridhar  
Vice-Principal

### Organizing committee:

Dr. U. Eranna, Prof. and HOD, ECE  
Dr. B.S. Khened, Prof. and HOD, EEE  
Dr. R.N. Kulkarni, Prof. and HOD, CSE  
Dr. Yadavalli Basavaraj, Prof. HOD, ME  
Dr. H. Mahabaleswar, Prof. and HOD, Civil  
Dr. Suresh, Prof. and HOD, Chemistry  
Dr. T. Machappa, Prof. and HOD, physics

### Resource Persons:

*Dr. Jagadish K, MSRIT Bangalore*



## BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

"JnanaGangotri" Campus, #873/2, Bellary-  
Hospet Road, Allipur, Ballari- 583104,  
Karnataka

TWO DAYS FDP  
on

## "Interactive Session on OBE and NBA Documentation"

14<sup>th</sup> and 15<sup>th</sup> October 2017



Organized By:

Ballari Institute of Technology  
& Management, Ballari

#### **ABOUT INSTITUTION:**

Ballari Institute of Technology and Management (BITM) is established in the year 1997 with the aim of providing quality education. The institution is run by T.E.H.R.D trust which was founded by Late. Smt. Basavarajeswari, Former Union minister. The campus spread over 11 acres of greenery, with ecofriendly surroundings, has facilities that are a class apart, combining aesthetics with modernity. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and affiliated to Visveswaraya Technological University (VTU), Belgaum. The institute is certified by ISO 9001-2008. Separate hostel facility for boys & girls and a recreational area, BITM has come a long way, in terms of providing the very best of technical and management education with highly acclaimed academic delivery complemented with superlative infrastructure. BITM plays a vital role in producing top-quality professionals to meet industrial and technological requirements.

#### **WORKSHOP OBJECTIVES:**

Outcome based education (OBE) is student-centered instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Its focus remains on evaluation of outcomes of the program by

stating the knowledge, skill and behavior a graduate is expected to attain upon completion of a program and after 4 – 5 years of graduation. In the OBE model, the required knowledge and skill sets for a particular engineering degree is predetermined and the students are evaluated for all the required parameters (Outcomes) during the course of the program.

Program outcomes are narrower statements that describe what students are expected to know and be able to do by the time of graduation. They must reflect the 12 Graduate attributes as described by NBA for under graduate engineering programs. Course outcomes are the measurable parameters which evaluates each students performance for each course that the student undertakes in every semester.

#### **TOPICS COVERED:**

- Overview of OBE
- Mission, Vision PEOs and Pos
- Program curriculum and gaps
- CO/PO Mapping and CO Attainment Calculations
- PO Attainment Calculation
- Overview of SAR
- Assessment Methods

- Best Practices, SAR preparation and Documentation

## **FDP REPORT**

The institute has organised Two-day FDP on “**Interactive session on Outcome Based Education (OBE)**” for the faculty members. The participants were got an opportunity to discuss the OBE and NBA process with the resource person and clarified their doubts.

The program details are as follows:

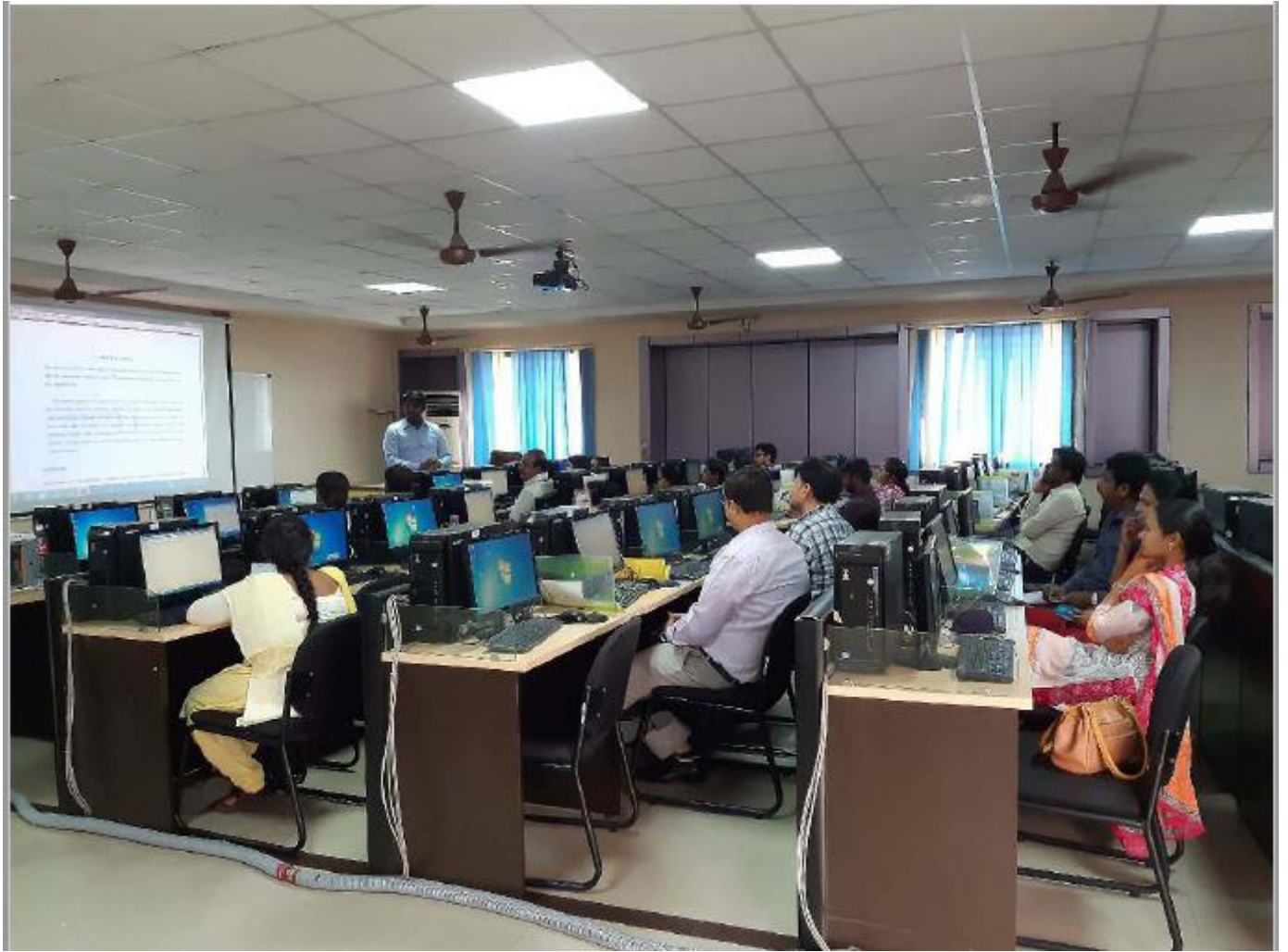
1. Name of the event : **Interactive session on Outcome Based Education (OBE)**
2. Date : 14-10-2017 to 15-10-2017
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall.
5. Resource Person : Dr. Jagadish K, MSRIT Bangalore.
6. FDP Co-ordinators : All dept. HODs

### **Objectives of the Program:**

- To create awareness about Outcome Based Education (OBE).
- To understand the process of defining Mission, Vision PEOs and POs.
- To identify the program curriculum and gaps.
- To discuss the CO/PO mapping.
- To discuss CO/ PO attainment calculations.
- To describe overview of SAR.
- To discuss assessment methods.
- To describe the process of SAR preparation and Documentation.

### **Outcome:**

- Awareness about Outcome Based Education (OBE) was created among the participants.
- FDP helped to understand the process of defining Mission, Vision, PEOs and POs.
- Participants have cleared the doubts regarding CO/PO mapping.
- Participants have cleared the doubts regarding CO/PO attainment calculations.
- The process of SAR preparation and Documentation were also discussed.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY



For further details contact :

Prof. Shankare Gouda : 9008538575  
Prof. Dinesh K.: 8152087770  
Prof. Devika Rani P.: 9731520181

**CENTER FOR MANAGEMENT DEVELOPMENT AND RESEARCH (CMDR)**

In association with  
**Center for Industry Interactions (CII)**

Presents  
**One Day**

**FACULTY DEVELOPMENT PROGRAMME**

On

**“FINANCIAL MODELING USING SPREADSHEET”**



*Department of Management Studies*

**BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

"Jnana Gangotri" Campus, No.873/2, Bellary-Hospet Road,  
Ailapur, BALLARI-583 104, KARNATAKA STATE, INDIA.

22nd September 2017

Venue : MBA Lab,  
PG & Admin Block 1st floor,  
DMS-BITM

## About BITM

Balleri Institute of Technology and Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognised by Govt. of Karnataka, Approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2015 and accredited by NAAC National Board of Accreditation. BITM plays a vital role in crafting world class engineers and management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

## About BITM-DMS :

The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporates scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organisational settings. The ideology of DMS is to develop facets of management through education, training, counselling and publications.

DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO 9001:2015 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 41st in beyond IIM's B-school survey 2016 conducted by Higher Education Review.

## To Whom:

Exclusively for UG & PG Faculty (Finance)

## Participation fee :

Rs. 500/- per participant inclusive of lunch, refreshments and certificate. The fee is payable through DD in favour of 'The Director, BITM, payable at Ballari'

## Programme schedule :

- 09.00 am to 09.30 am : Registration
- 09.30 am to 11.00 am : Excel modelling in financial management-TVM, EMI calculation, valuation of securities, bond amortization schedule, duration.
- 11.00 am to 11.30 am : Tea Break
- 11.30 am to 1.00 pm : Excel modeling in investment planning- Business modeling using NPV & IRR.
- 1.00 pm to 2.00 pm : Lunch Break
- 2.00 pm to 3.30 pm : Excel modeling in investment management- CAPM, efficient frontier, portfolio construction using spreadsheet.
- 3.30 pm to 4.00 pm : Tea Break
- 4.00 pm to 5.00 pm : Derivatives- Black Scholes model, life cycle financial planning using spreadsheet and financial statement analysis.

## Profile of the Resource Person :

Dr. P. Varadharajan has been with PSGIM since 2007, he has specialized in financial modeling, security analysis and portfolio management, derivatives and project appraisal and finance. He has nearly 13 years of teaching and 3 years of corporate experience. He has published 59 research articles in various finance journals (National & International). He has participated in numerous workshops, faculty development programmes conducted by Indian Institute of Management (IIM) Kozhikode, IIT Kharagpur and BSE training programme at Mumbai. Dr. P. Varadharajan is one of the core committee team member which led the PSG Institute of Management to attain the Prestigious ACTBSP (Association of Collegiate Business Schools and Programme) accreditation. His business and professional experience ranges from PVC pipe manufacturing, construction material, textiles and share market. He has visited the University of Toledo, Ohio and Wright State University, Dayton and was exposed to active trading platforms.



## **FDP REPORT**

The FDP on “**Financial Modelling using spreadsheet**” was conducted by the department of MBA for the faculty members. The program details are as follows:

1. Name of the event : **Financial Modelling using spreadsheet**
2. Date : 22-09-2017
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall.
5. Resource Person : The resource person was Dr. P. Varadhrajan professor of PSGIM specialized in financial modelling.
6. FDP Co-ordinators : Dr. G. P. Dinesh and Prof. Shankar Gouda

### **Objectives of the Program:**

- To analyse the importance of excel modelling in financial management, TVM and EMI calculation.
- To create awareness about excel modelling in Investment Planning and Business modelling using NPV and IRR.
- To apply spreadsheet in the construction of CAPM, efficient frontier and portfolio.
- To apply spreadsheet for black scholes model and life-cycle financial planning

### **Outcome:**

- Created awareness about excel modelling in Investment Planning and Business modelling using NPV and IRR.
- Workshop helped in exploring the applications of spreadsheet in the construction of CAPM, efficient frontier and portfolio.
- Participants have learnt about the usage of spreadsheet black scholes model and life-cycle financial planning.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY



**For Any Enquiries Please Contact:**

Dr. Shaheeda Banu : 9845737140

Prof. Divyashree N : 9742251673

Prof. Jayasheelan : 9845314013



**Ballari Institute of Technology and Management**

# 873/2, Near Allipur, Hospet Road,  
Bellary-583104

Tel: 08392 210566, 242900, 210588

Fax: 08392 237197

URL: [www.bitm.edu.in](http://www.bitm.edu.in)



**Center for Management  
Development and Research (CMDR)**

In Association with

**Center for Industry Interactions (CII)**

Presents

**One Day  
Faculty Development Program**

On

**“QUALITY ASSURANCE IN  
HIGHER EDUCATION”**

**Department of Management Studies  
Ballari Institute of Technology and Management, Bellary**

### **About BITM**

Ballari Institute of Technology and Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognised by Govt. of Karnataka, Approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2015 and accredited by NAAC National Board of Accreditation. BITM plays a vital role in crafting world class engineers and management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

### **About BITM-DMS:**

The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organisational settings. The ideology of DMS is to develop facets of management through education, training, counselling and publications. DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO 9001:2015 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 41st in beyond IIM's B-school survey 2016 conducted by Higher Education Review.

The best HE (Higher education) practices in the world to ensure quality education and holistic development of the student for the benefits of all stake-holders will be discussed in details. Issues like governance, academic freedom, teaching-learning process, continuous development program, academic audit, edtech etc will be discussed in details during the FDP. This FDP will focus on global perspective and how faculty and institutions can upgrade themselves to meet the emerging challenges in the higher education sector and remain competitive.

### **Date and Venue**

21st August, 2017 BITM Seminar Hall

### **Registration**

Participants are to be nominated by their organizations or can sponsor themselves as well. The last date of receiving the duly filled nomination forms along with Cash/Demand Draft drawn in favor of "Director, BITM" payable at Bellary is 18th August, 2017.

### **Fees**

Rs. 500 per participant. The Fee include Course Materials, Stationery, and Working Lunch/ Tea/Coffee during the breaks.

### **Resource Persons**

#### **Shri. Bholanath Dutta,**

Founder and President-MTC Global, World Bank, Bangalore.  
Quality Assurance Expert in Higher Education in overseas countries,  
MTC Global, Bangalore.

#### **Dr. Sheelan Misra,**

Professor & HOD, Dept. of Management Studies,  
New Horizon Engineering College, Bangalore.

## **FDP REPORT**

One day FDP on Quality Assurance in Higher education was conducted by the department of management studies, BITM for the faculties of different organizations in Bellary. The FDP gave insights about the best higher education practices in the world and addressed the issues like governance, academic freedom, teaching –learning process, continuous development etc. The FDP focussed on how faculty and institutions can upgrade themselves to meet the emerging challenges in the higher education sectors and remain competitive. The program details are as follows:

1. Name of the event : **Quality Assurance in Higher education**
2. Date : 21-08-2017
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall.
5. Resource Persons : **Sri.Bholanath Dutta**, Founder president –MTC Global World Bank, Bangalore and **Dr. Sheelan Misra** Prof. and HOD Dept of Management Studies, New Horizon College Bangalore.
6. FDP Co-ordinators : Dr. Shaheeda Banu, Prof. Jayasheelan and Prof. Divashree N

### **Objectives of the Program:**

The objective of the FDP is to discuss about the following topics

1. Archaic systems and regulations in Higher Education
2. Academic Programs
3. Quality of Learning Opportunities
4. Research and other scholarly activities
5. Community Involvement
6. Effectiveness of Quality Management and Enhancement
7. Specific tools/Instruments

### **Outcome:**

- The participants learnt modern techniques of teaching and learning process, student support and learning resources in detail.
- The faculty members understood the quality of learning opportunities and effective tools.
- The participants also understood the effectiveness of quality management and enhancement in Higher education.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

## **TRAINING PROGRAM REPORT**

The BITM has conducted the training program on “**Certification of Internal Auditors**” against ISO-9001-2015 QMS requirements in association with Innovative Management Consultant. The training details are as follows:

1. Name of the event : **Training Program on ISO Internal Auditors**
2. Date : 07-08-2017 and 08-08-2017
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall.
5. Resource Person : Mr. R. Ravibabu, Innovative Management Consultant,  
Bangalore
6. Training Co-ordinator : Dr.T.Machappa

### **Objectives of the Program:**

- This training was intended to qualify ISO 9001:2015 auditor’s certification.
- To conduct effective audits of an organization's quality management system.
- To understand the requirements of ISO 9001:2015 to be able to conduct a successful audit.

### **Outcome:**

The participants were trained for two days and a test was conducted to certify as internal auditors. Total 18 participants were successfully certified as internal auditors.



# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

"JnanaGangotri" Campus, #873/2, Bellary-Hospet Road, Allipur, Ballari- 583104, Karnataka

**"TRAINING PROGRAM ON INTERNAL AUDITORS-ISO-9001-2015 QMS"**

on  
**7<sup>th</sup> and 8<sup>th</sup> August 2017**



**Resource Person**

**Mr. Ravibabu**

**INNOVATIVE MANAGEMENT CONSULTANT**

**Bangalore-560 026**

A  
G



Principal  
Ballari Institute of Technology & Management  
BELLARY



Criteria - 6.3.3

Professional Development /  
Administrative Training for Teaching  
and  
Non-Teaching Staff  
for  
Academic year  
**2016-17**

Faculty Development Program

on

IBM Software Training Under the Carrier  
Education System

**REGISTRATION FORM**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mobile No. \_\_\_\_\_

Date: \_\_\_\_\_  
Signature of the  
Applicant

Signature of the HOD

**Chief Patron:**

Dr. Yashvanth Bhupal  
Chairman & Director/Managing Trustee

**Patrons:**

Prof. Prithviraj .Y .J  
Deputy Director/Trustee

Dr. V C Patil  
Principal

Dr. K.S.R. Sridhar  
Vice-Principal

**Convener:**

Dr. Aradhana  
Professor, CSE

**Resource Person:**

Ms.Bharathi Sundaraval  
EDI Consultant, IBM,  
India Pvt.,Ltd, Bangalore

Faculty Development Program

on

IBM Software Training Under the Carrier  
Education System

20 to 23<sup>rd</sup> FEB 2017



Organized By:

DEPARTMENT OF  
COMPUTER SCIENCE ENGINEERING  
BITM, BELLARY



**VENUE:**

Ballari Institute of Technology & Management,  
"Jnana Gangotri" Campus, #873/2,  
Bellary-Hospet Road,  
Allipur, Ballari- 583104  
KARNATAKA.

## **FDP REPORT**

Four-days FDP on “**IBM BlueMix and cloud computing**” was conducted by the department of Computer Science Engineering for the faculty members in Association with IBM carrier education program. BlueMix is a PaaS offering from IBM based on open standards and cloud to build, deploy, manage and run Omni-channel applications like web and mobile, big data and other smart services. There are currently 50 services available on BlueMix to help developers rapidly create and deploy innovative solutions.

The program details are as follows:

1. Name of the event : **IBM BlueMix and cloud computing**
2. Date : 20-02-2017 To 23-02-2017
3. Time : 9:30 AM To 4:30 PM
4. Venue : CSE Seminar Hall, Millennium Block
5. Resource Person : Ms. Bharathi Sundarval, EDI Consultant, IBM India Pvt. Ltd. Bangalore
6. FDP Co-ordinator :Dr. Aradhana.

### **Objectives of the Program:**

- To explore on the BlueMix and its Applications.
- To discuss about development of web applications using BlueMix.
- To discuss about the development of IoT based applications.
- To develop social analytic applications using Watson services.

### **Outcome:**

- This FDP provided an opportunity for the participants to learn the techniques with hands on from IBM Resource Persons.
- Participants realized development of web applications using BlueMix.
- Participants understood development of IoT based applications.
- The participants learnt development of social analytic applications using Watson services.



  
 Principal  
 Ballari Institute of Technology & Management  
 BELLARY

Three Days National Level  
Advanced Workshop on  
NS-3 Simulator (NS-3 - 2017)  
26-28 January - 2017

REGISTRATION FORM

Name : \_\_\_\_\_

Department : \_\_\_\_\_

Organization : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Pincode : \_\_\_\_\_

Mobile : \_\_\_\_\_

email id : \_\_\_\_\_

Academicians / Industry / PG / Ph.D Students

PAYMENT DETAILS :

Amount : Rs. 2,000/-

D.D. No. .... Date .....

Name of the Bank & Branch : .....

Note: Limited to 40 participants

Chief Patron:

Dr. Yashvanth Bhupal  
Director, BITM, Ballari

Patrons:

Prof. Prithviraj Y.J  
Dy. Director, BITM, Ballari

Dr. V.C. Patil  
Principal, BITM, Ballari

Conveners:

Dr. Rajashree V. Biradar  
Prof. Dept. Of CSE, BITM, Ballari

Dr. R.N. Kulkarni  
Prof. & Head, CS & E, BITM, Ballari

Workshop Committee

All Teaching and Non teaching Staff members and  
Students of Computer Science & Engineering  
Department, BITM, Ballari.



Signature of the  
Candidate

Signature of the Principal /  
Sponsoring Authority

Three Days National Level  
Advanced  
Workshop On  
NS-3 Simulator  
(NS-3 - 2017)  
From 26<sup>th</sup> to 28<sup>th</sup> January 2017



Organised by:

Dept. Of Computer Science & Engg

**BALLARI INSTITUTE OF  
TECHNOLOGY  
& MANAGEMENT**

"Jnana Gangotri" Campus, #873/2, Ballari Hosapete Road,  
Near Allipura, Ballari - 583 104 (Karnataka)

### About the Institution

Ballari Institute of Technology and Management (BITM), Ballari was established in the year 1997 with the aim of providing quality education. The institution is run by T.E.H.R.D Trust, founded by Late. Smt. Basavarajeswari, Former Union Minister. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and affiliated to Visvesvaraya Technological University, Belagavi. The institute has been accredited by NAAC and is certified by ISO 9001-2008. BITM empowers the Students with Technical & Managerial Skills, Professional Ethics & Values, and an appreciation of Human Creativity & Innovation for an inquisitive mind. It plays vital role in producing top-quality professionals to meet industrial and technological requirements.

### About Department

The Dept. of Computer Science & Engineering was started in the year 1997 with a vision of training the students with cutting edge technologies by incorporating the necessary programs to enhance creativity, social awareness and leadership skills for the overall development. The course is an outcome based structured to help students to achieve their goal. It had added a PG program to its credit viz., Computer Networking Engineering (CNE) in the year 2004 and the Department is permanently affiliated to VTU. The department also has VTU recognized Research Centre. The department has highly qualified, experienced and dedicated staff members to cater the needs of the students. The department has MoU with Wipro's Mission 10X and Infosys Campus Connect programs.

### Workshop Objectives

The main objective of the workshop are :

- To learn the advanced discrete network simulation using NS-3 that caters the needs of researchers.
- To demonstrate and solve a set of canonical simulation based experiments in the area of wireless networking.
- To provide an appropriate platform for academicians and industrialists to interact and share knowledge about the developments in the field of computer networking.

The workshop includes theory, demonstration and lab sessions to learn basic and advanced concepts of networking using NS-3 simulator.

### Resource Persons :

1. **Dr. Mohit P Tahilani**, NITK, Surathkal
2. **Mrs. Manasa Tahilani**, NMAMIT, NITTE

### Accommodation :

Accommodation will be arranged on request in college hostel. Limited accommodation are available. Please inform in advance for accommodation.

### Who shall attend?

This workshop is aimed at the multi-faceted audience from Industries, Academics, Researchers and PG Students from Engineering Colleges and Universities.

### Registration Fee

Rs. 2,000/- for all the participants

### Mode of Payment

Send filled registration form along with DD drawn in favour of the "**Director BITM, Ballari**" payable at Ballari on or before 31/12/2016 to the following address :

### Address for Communication

**Dr. Rajashree V Biradar**

Professor, Dept. of CSE

BITM, Ballari

bitmcseadns3@gmail.com

### Programme Schedule

**Day 1 : 26/01/2017**

Demonstration and Hands on lab sessions on

**Basic Concepts** of NS-3

**Day 2 : 27/01/2017**

Demonstrations and hands on lab sessions on

**Advanced Concepts** of NS-3

**Day 3 : 28/01/2017**

Demonstrations and hands on lab sessions on

**Advanced Concepts** of NS-3

### Contact persons for further details

Mr. Sudhakar Avareddy	94491 77481
Mr. Jagadish R.M.	99865 95484
Mrs. Anita S. Patil	99861 06778
Mr. Sridhar S.K.	88802 52777
Mr. Girish Kumar D	98869 54954

## WORKSHOP REPORT

Three-days Workshop on the “**NS3 Simulator**” was organised by the department of Computer Science & Engineering for the faculty members. The performance of the wired and wireless network protocols can be evaluated using simulation tools. Popular open source network simulator like NS-3 is extensively adopted by the Research community. NS-3 can be efficiently used to simulate the real time secure network applications. The workshop details are as follows:

1. Name of the event : **NS3 Simulator**
2. Date : 26-01-2017 to 28-01-2017
3. Time : 9:30 AM To 4:30 PM
4. Venue : CSE Seminar Hall, Millennium Block
5. Resource Person : Dr R.N.Kulkarni, Prof. and HOD CSE Dept.
6. Workshop Co-ordinator :Dr. Rajshree Biradar.

### Objectives of the workshop:

- To model network security and recompilation of source code.
- To install NS-3 software.
- To understand NS-3 node architecture & C++ programming with Python scripts.
- To explain point-to-point CSMA Ethernet and tracing wireshark.
- To describe wireless network topology and graphs GNU Plots.
- To analyse the protocols TCP– congestion control protocol and TCP–FTP transfer.
- To explore the use of WiFi and WAVE Protocols, Integration of V2V and V2I with SUMO.

### Outcome:

- Participants learnt the model of network security and installation of NS3 software.
- Participants realized NS-3 node architecture & C++ programming with Python scripts.
- Participants understood the wireless network topology and graphs GNU Plots.
- The participants learnt about the protocols TCP– congestion control protocol and TCP–FTP transfer.



Handwritten signature in green ink.

Principal  
Ballari Institute of Technology & Management  
BELLARY



Three Days Faculty Development Program  
on  
Outcome Based Education.  
(BITM-FDP-2016)  
18-20, July 2016

REGISTRATION FORM

Name : .....  
Department : .....  
Organization.....  
Address : .....  
.....  
Pin Code : .....  
Phone : .....  
Email : .....  
.....

PAYMENT DETAILS

Amount : Rs. 3000.  
Check/DD No. : .....  
Date : .....  
Name of the Bank & Branch:  
.....

Signature of the  
Candidate

Signature of the  
Principal / Sponsoring  
Authority

Chief Patron:

Dr. Yashwanth Bhupal  
Director, BITM, Ballari

Patron(s):

Prof. Prithviraj Y.J.  
Dy. Director, BITM,  
Ballari

Convener(s):

Dr. V.C.Patil  
Principal, BITM, Ballari  
Dr. Yadavalli Basavaraj  
Prof. & Head  
ME, BITM, Ballari  
Prof. Basavaraj Khened  
Prof & Head EEE. BITM,  
Ballari

FDP Committee

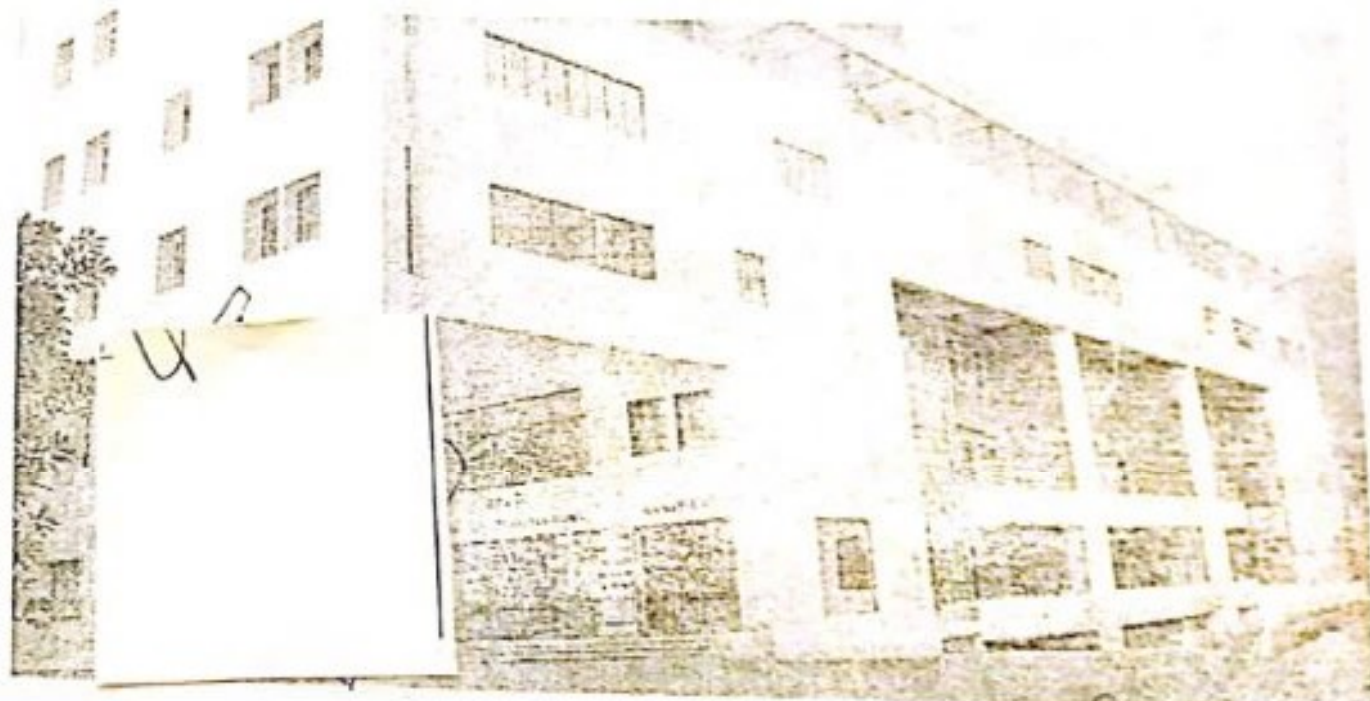
All Teaching and Non Teaching staff members  
and students of BITM, Ballari.

Three Days Faculty Development Program  
on  
Outcome Based Education.  
(BITM-FDP-2016)  
18-20, July 2016



Organized by

Baliari Institute of Technology &  
Management  
"Jnana Gangothri" Campus, No. 873/2,  
Ballari-Hospet Road, Near Allipur,  
Ballari - 583104



## About the organization

### About The Organization

Ballari Institute of Technology & Management (BITM) was established in the year 1997 at Ballari in Karnataka under the management of Tungabhadra Education Health & Rural Development Trust (T.E.H.R.D). It is affiliated to the Visvesvaraya Technological University (VTU), Belagavi and approved by AICTE NewDelhi. The institute has been accredited by NAAC and also ISO 9001:2008 certified. The institute is ranked as top 15<sup>th</sup> college in Karnataka according to EDU RAND magazine. The college is 96<sup>th</sup> best college in India According to OUTLOOK magazine among 850 Engineering colleges.

#### Major Achievements of our Institute

NAAC Accredited Institution

An ISO 9001:2008 Certified Institution since 2005.

#### Engineering Program Rankings & Ratings:

Ranked 96<sup>th</sup> Best in India as per Outlook Survey India's-Best Professional Colleges- July 2013 Issue.

Rated 'AAA' by Careers 360 magazine-India's Best Engineering College-April 2015 & April 2016 Issue.

Ranked 40<sup>th</sup> in Top 100 Engineering Colleges in India - Silicon India Education - June 2015.

Ranked 6<sup>th</sup> in Top 10 Private Colleges in Karnataka - Silicon India Education - June 2015.

Ranked 37<sup>th</sup> Best in India by The Higher Education Review - May 2015 Issue.

Rated '\*\*\*\*'(4 Star) by Career Connect Magazine-April 2016 Issue.

### Workshop Benefits

- Get yourself aware of the OBE system.
- Acquire hands-on experience on designing the OBE system for your educational programs.
- Get a chance to interact with Experts of OBE system.
- Understand the requirements of OBE accreditation system Assessment Tools
- Enhance quality of your educational programs.
- International recognition of your Engineering Program through adoption of OBE system.

### Resource Persons

1. Dr Linganagouda Kulkarni, Academic Advisor
2. Sudhindra Mokhasi, CEO Contineo Acceredia, Bangalore.
3. Balaji C R, President, Contineo Acceredia, Bangalore.

### Accommodation

Accommodation will be arranged on request in college hostel. Limited accommodations are available. Please inform in advance for accommodation.

### Who shall attend?

This FDP is aimed at the multi-faceted audience from Industries, Academics, and Researchers from Engineering Colleges and Universities.

### Registration Fee

Participants from Academic/PG/Ph.D. Students : Rs 2000/-

### Mode of Payment

Send filled registration form along with DD drawn in favor of The Director BITM, Ballari payable at Ballari on or before 17/07/2016 to the following address:

### Address For Communication

Dr. Yadavalli Basavaraj

Prof. & Head

ME, BITM, Ballari

9448755268

Prof. Basavaraj Khened Prof & Head EEE, BITM, Ballari

9845845644

### Programme Schedule

**Day1: 18/07/2016**

NBA for Lab Assistants.

Accreditation: Quality Initiative

A paradigm shift for quality in education

**Day2: 19/07/2016**

A phased approach to implementation of OBE process and milestones /Academic Leadership & Team work / SAR Criteria

**Day3: 20/07/2016**

Faculty Instructions to prepare for PEO, PO/PSO, CO & Mapping.

Note: Detailed Schedule Enclosed along with this invitation letter.

Morning Tea and evening High Tea will be provided by the college.

## **FDP REPORT**

The institute has organised Three-days FDP on “**Outcome Based Education (OBE)**” for the faculty members. The program details are as follows:

1. Name of the event : **Outcome Based Education (OBE) and NBA**
2. Date : 18-07-2016 to 20-07-2016
3. Time : 9:30 AM To 4:30 PM
4. Venue : BITM Auditorium
5. Resource Person : Dr. Lingangouda kulkarni, Academic advisor,  
Mr.Sudhindra Mokhasi, CEO Contineo Accredia, Bangalore  
and Mr.Balaji C R, Contineo Accredia, Bangalore.
6. FDP Co-ordinators : All Dept. HODs.

### **Objectives of the Program:**

- To create awareness about the Accreditation-Necessity, benefits and process.
- To explain NBA road map, documents and continuous Improvements.
- To discuss the process of defining Mission, Vision, PEOs and POs.
- To apply Blooms taxonomy of learning.
- To discuss CO/PO Mapping and CO attainment calculations.
- To explain the different rubrics and assessment methods.
- To discuss PO attainment calculation.
- To describe SAR preparation and Documentation.

### **Outcome:**

- Faculty members got an opportunity to interact with experts in clearing doubts related to OBE and NBA process.
- Participants understood the importance of OBE.
- Participants understood the CO/PO Mapping and CO attainment calculations.
- The participants understood SAR preparation and documentation process.



**WORKSHOP ON OBE AND NBA ACCREDITATION FROM 18TH - 20TH OF JULY 2017**

  
Principal  
Ballari Institute of Technology & Management  
BELLARY

Criteria - 6.3.3

Professional Development /

Administrative Training for Teaching  
and

Non-Teaching Staff  
for

Academic year  
**2015-16**



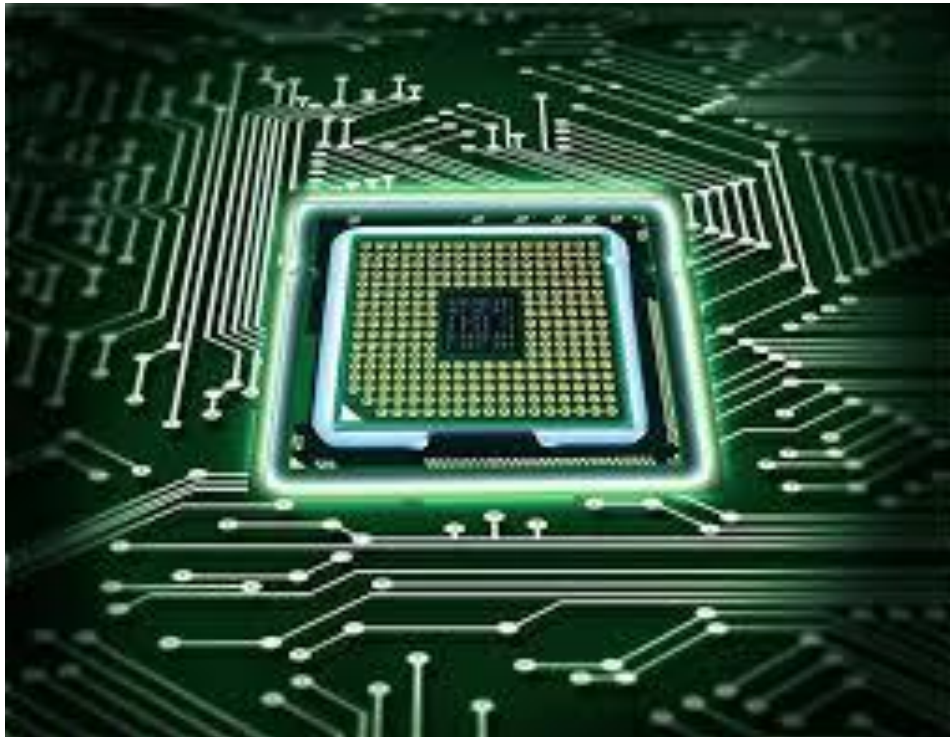
**BALLARI INSTITUTE OF TECHNOLOGY AND  
MANAGEMENT**

**ONE DAY WORKSHOP**

**on**

**“ADVANCED VLSI DESIGN USING CADENCE TOOL”**

**27<sup>th</sup> January 2016**



**Organized  
by**

**Department of Electronics and  
Communication Engineering, BITM, Bellary**

**Co-ordinator**

**Prof. Sadyojatha**

## ABOUT THE WORKSHOP

The main objective of the workshop is to offer an intensive hands-on experience on various aspects of VLSI design, such as schematic drawing, simulation, verification of design and creation of layout by using CADENCE. For a given design, Cadence allows for various tools from other vendors also to be integrated. The workshop will focus to familiarize faculty to conduct VLSI lab experiments by using Cadence tool. The program will help the faculties to develop Projects right from Design Simulation to Synthesis to Layout and finally Verification. Researchers can use CADENCE tool for all the levels of chip design.

## WORKSHOP TOPICS

The workshop offering detailed hands on experience on the following topics of VLSI design using Cadence tools.

- **VLSI Design Basics**
- **Analog and Digital VLSI Design**
- **Schematic drawing, simulation and verification of design.**
- **Creation of layout using Cadence.**
- **Analog design using Virtuoso.**
- **Simulation using Virtuoso.**
- **Synthesis and verification using encounter.**

## RESOURCE PERSON

Mr.Venu, Cadence Design Systems Pvt.Ltd. Bangalore

## **WORKSHOP REPORT**

One day Workshop on “**Advanced VLSI Design using Cadence Tool** ” has been organised by the Department of Electronics and Communication Engineering for the faculty members. The program was jointly coordinated by Cadence Design Systems Pvt.Ltd., Bangalore. The objective of the program was to offer detailed hands on experience on various aspects of VLSI design using Cadence tools. The program details are as follows:

1. Name of the event : **Advanced VLSI Design using Cadence Tool**
2. Date : 27-01-2016
3. Time : 10AM To 4:30 PM
4. Venue : EC Seminar Hall
5. Resource Persons : Mr.Venu, Cadence Design Systems Pvt.Ltd., Bangalore
6. Workshop Co-ordinator : Prof. K.M.Sadyojatha

### **Objectives of the WORKSHOP:**

- To create schematic drawing, simulation and verification of design.
- To create digital circuit layouts using Cadence.
- To design analog circuits using Virtuoso.
- To simulate the circuit using Virtuoso.
- To synthesise and verify the circuits using encounter.
- To carry out various case studies about area, power and timing issues.

### **Outcome:**

- Participants understood how to create, simulate and verify design schematics.
- Participants have learnt about design and simulation of analog circuits using Virtuoso
- Participants carried out various case studies about area, power and timing issues



# ONE DAY WORKSHOP ON ADVANCED VLSI DESIGN USING CADENCE TOOLS



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

Three Days National Level  
Workshop on  
NS3 and Open Source ICT  
(NS3 & OSICT - 2016)

REGISTRATION FORM

Name : \_\_\_\_\_

Department : \_\_\_\_\_

Organization : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Pincode : \_\_\_\_\_

Telephone : \_\_\_\_\_

Mobile : \_\_\_\_\_

email id : \_\_\_\_\_

Academicians / Industry / PG / Ph.D Students

**PAYMENT DETAILS :**

Amount : Rs. 2,000/-

D.D. No. \_\_\_\_\_ Date \_\_\_\_\_

Name of the Bank & Branch : \_\_\_\_\_

Note:

1. PG/Ph.D students should attach the proof signed by Principal
2. Workshop is limited to 40 participants

Signature of the  
Candidate

Signature of the Principal /  
Sponsoring Authority

**Chief Patron:**

**Dr. Yashvanth Bhupal**  
Director, BITM, Bellary

**Patrons:**

**Prof. Prithviraj Y.J**  
Dy. Director, BITM, Bellary

**Dr. V.C. Patil**  
Principal, BITM, Bellary

**Conveners:**

**Dr. R.N. Kulkarni**  
Prof. & Head, CS & E, BITM

**Dr. Rajashree V. Biradar**  
Prof. Dept. Of CSE

**Coordinators:**

**Mr. Sudhakar Avareddy**  
Asst. Prof., Dept. Of CSE

**Mr. Jagadish R M**  
Asst. Prof., Dept. Of CSE

**Workshop Committee**

Teaching and Non teaching Staff members and Students  
Dept. of Computer Science & Engg.  
BITM, Ballari.



Three Days National Level  
Workshop On  
**NS3 and Open Source ICT**  
**(Ns3 & OSICT-2016)**  
From 24<sup>th</sup> to 26<sup>th</sup> March 2016



Organised by:

**Dept. Of Computer Science**  
**BALLARI INSTITUTE OF**  
**TECHNOLOGY**  
**& MANAGEMENT**

"Jnana Gangotri" Campus,  
#873/2, Ballari Hosapete Road,  
Near Allipura, Ballari - 583 104 (Karnataka)  
Ph.: 08392-237100 / 190, Fax : 237197  
email: bitmbly@gmail.com, web: www.bitm.edu.in

### About the Organisation

Ballari Institute of Technology & Management (BITM) was established in the year 1997 at Ballari in Karnataka under the management of Tungabhadra Education Health & Rural Development Trust (T.E.H.R.D). It is affiliated to the Visvesaraya Technological University (VTU), Belagavi and approved by AICTE New Delhi. The institute has been accredited by NAAC and also ISO 9001:2008 certified. The institute is ranked as top 15th college in Karnataka according to EDU RAND magazine. The college is 96th best college in India According to OUTLOOK magazine among 850 Engineering colleges.

### About the Computer Science Department

CSE Department trains the students with in-depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity, social awareness and leadership skills for the overall development is the vision of the department. The Computer Science and Engineering Department was started in the year 1997. The course is an outcome based structured to help students to achieve their goal. It had added two PG programs to its credit namely Computer Networking Engineering (CNE) in the year 2004 and Computer Science & Engineering (CSE) in the year 2013. The department has highly qualified, experienced and dedicated staff members to cater the needs of the students. The department has MoU with Wipro mission 10X and Infosys Campus Connect programs. The department is also set up with MTLIC (Mission 10X Learning center) lab to carry out collaborative projects

### Workshop Objectives

The main objective of the workshop is to provide an appropriate platform for academicians and industrialists to interact and share the knowledge about the developments in the field of Computer Networking.

The workshop includes theory, demonstration and lab sessions to learn NS-3 simulator. This workshop also includes demonstrations on current trends in open source ICT (Information and Communication Technologies) mainly on Software defined networks (SDN) and Open Source Network Operating System from the experts.

### Resource Persons :

1. **Dr. Mohit P Tahilani**, Professor, NITK, Surathkal
2. **Mrs. Manasa Tahilani**, Professor, NMAMIT, NITTE
3. Open Source Software experts from Industry.

### Accommodation :

Accommodation will be arranged on request in college hostel. Limited accommodation is available. Please inform in advance for accommodation.

### Who shall attend?

This workshop is aimed at the multi-faceted audience from Industries, Academics, Researchers and PG Students from Engineering Colleges and Universities.

### Registration Fee

Participants from Academic / PG / Ph.D Students :  
Rs. 2,000/-

### Mode of Payment

Send filled registration form along with DD drawn in favour of the Director BITM, Ballari payable at Ballari on or before 08/03/2016 to the following address :

#### **Dr. Rajashree V Biradar**

Professor, Dept. of CSE

Ballari Institute of Technology & Management

"Jnana Gangothi" Campus, No. 873/2,

Ballari - Hospet Road, Near Allipur

Ballari - 583 104.

### Programme Schedule

#### **Day 1 : 24/03/2016**

Demonstration on Open source Softwares (ICT)

#### **Day 2 : 25/03/2016**

Hands on Lab Sessions on NS-3

#### **Day 3 : 26/03/2016**

Hands on Lab Sessions on NS-3

### For Further details, please contact :

Mr. Sudhakar Avareddy 94491 77481

Mr. Jagadish R.M. 99865 95484

Mr. Virupaksha Gouda 98861 22362

Mrs. Anita S. Patil 99861 06778

Email: bitmcsens3@gmail.com

Visit : www.bitm.edu.in/ns3osict

## WORKSHOP REPORT

Three-days workshop on the “**NS3 Simulator**” was organised by the department of Computer Science Engineering for the faculty members. The performance of the wired and wireless network protocols can be evaluated using simulation tools. Popular open source network simulator like NS-3 is extensively adopted by the Research community. NS-3 can be efficiently used to simulate the real time secure network applications. The following topics have been covered during the workshop:

The program details are as follows:

1. Name of the event : **NS3 Simulator**
2. Date : 24-03-2016 to 26-03-2016
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall
5. Resource Persons : Dr. Mohit P Tahilani, Prof. NITK Suratkal  
and Mrs. Manasa Tahilani, Prof. NMAMIT, Nitte.
6. FDP Co-ordinator : Dr. Rajashree Biradar

### Objectives of the Workshop:

- To model network security and recompilation of source code.
- To install NS-3 software.
- To understand NS-3 node architecture & C++ programming with Python scripts.
- To explain point-to-point CSMA Ethernet and tracing wireshark.
- To describe wireless network topology and graphs GNU Plots.
- To analyse the protocols TCP– congestion control protocol and TCP–FTP transfer.
- To explore the use of WiFi and WAVE Protocols, Integration of V2V and V2I with SUMO.

### Outcome:

- Participants learnt the model of network security and installation of NS3 software.
- Participants realized NS-3 node architecture & C++ programming with Python scripts.
- Participants understood the wireless network topology and graphs GNU Plots.
- The participants learnt about the protocols TCP– congestion control protocol and TCP–FTP transfer.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

# BROCHURE

Department Name:	Computer Science & Engineering
Name of the Event:	Project Development Methodology and Technical Paper Writing
Date(s) of Conduction:	13 <sup>th</sup> , 15 <sup>th</sup> and 16 <sup>th</sup> Feb 2016
Venue:	Seminar Hall, Millennium Block, BITM, Ballari
Resource Person(s):	Dr. R N Kulkarni



A three day Workshop on

Research Methodology & Technical paper writing

From February 13th, 15th and 16th 2016

Venue: Seminar Hall, Millennium Block, BITM, Ballari

Ballari Institute of Technology & management, Ballari  
Organized by Department of CSE

## WORKSHOP REPORT

The department of Computer Science Engineering was conducted Three-days workshop on the “**Project Development Methodology Technical Paper Writing**” for the faculty members, research scholars and the students. The program details are as follows:

1. Name of the event : **Project Development Methodology Technical Paper Writing**
2. Date : 13-02-2016 to 16-02-2016
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall
5. Resource Persons : Dr. R. N. Kulkarni Professor and HOD of CSE Dept.
6. Workshop Co-ordinator : Dr. R.N.Kulkarni

### **Objectives of the Workshop:**

- To explain how to write and apply for the project proposals.
- To create awareness about journal publications, its need, relevance, and scope.
- To know the importance of literature review and defining the problem.
- To discuss formulation of hypotheses/model.
- To know the importance of research methodology.
- To understand the usage of various reference styles and introduction of reference tools.
- To know the importance of Plagiarism, copyright, academic journal's rating & impact factor
- To identify the right journal and submitting the paper for peer-review process.
- To understand the role of citations and means to improve citations.

### **Outcome:**

- Participants understood how to write and apply for the project proposals clearly.
- Created awareness about journal publications, its need, relevance, and scope.
- Workshop helped in exploring details of research methodology.
- Participants have learnt about formulation of hypotheses/model.
- Workshop provided a platform to discuss research challenges, Plagiarism, copyright, academic journal's rating & impact factor.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY



**SIX – DAYS FDP  
ON  
COMPUTER AIDED ELECTRICAL DRAWING &  
CONTROL SYSTEMS**

**(CAEDCS)**

21st -26th Jan 2016



**Organized By:**

**DEPARTMENT OF  
ELECTRICAL & ELECTRONICS ENGINEERING  
BITM, BELLARY**



**VENUE:**

**Ballari Institute of Technology & Management,  
"JnanaGangotri" Campus, #873/2,  
Bellary-Hospet Road,  
Allipur, Ballari- 583104**

## **FDP REPORT**

Six-days FDP on the “**Computer Aided Electrical Drawing (CAED) and Control Systems**” was organised by the department of Electrical and Electronics Engineering for the faculty members. The resource persons were from the EEE department BITM, Ballari. The following topics have been covered during the FDP

The program details are as follows:

1. Name of the event : **Computer Aided Electrical Drawing (CAED) and Control Systems**
2. Date : 21-01-2016 to 26-01-2016
3. Time : 10AM To 4:30 PM
4. Venue : Power System Simulation lab
5. Resource Persons : Prof. B.S Khened, Mr. Vijaya Krishna. M,  
Mr. Kamal Kishore.Y, EEE Dept. BITM, Ballari.
6. FDP Co-ordinator : Prof. B.S.Khened

### **Objectives of the FDP:**

- To explain the basics of MATLAB and control system tool box.
- To analyse time domain and frequency domain.
- To solve problems on Nyquist and Bode Plots using MATLAB.
- To study CAED Commands.
- To develop DC and AC windings using CAED.
- To draw DC machines assembly drawings using CAED.
- To draw transformers assembly drawings using CAED.

### **Outcome:**

- The FDP provided hands-on-sessions for solving controls system problems using MATLAB software.
- FDP provided a better insight into the development of DC and AC windings.
- FDP also focused on DC and AC machines assembly drawings using CAED.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

# Ballari Institute of Technology & Management, Ballari

"Jnana Gangotri" Campus, No.873/2, Ballari-Hospet Road, Allipur, Ballari – 583 104 (Karnataka)  
Ph: 08392-210566 / 210588 / 210599 Fax: 242900



## Faculty Development Program



on

“Analysis of Real time Engineering Problems using ANSYS”

18<sup>th</sup> to 23<sup>rd</sup> January 2016



DR. RAJAGOPAL MECHANICAL BLOCK

Organized Jointly in coordination with

Department of Mechanical  
Engineering  
BITM, Bellary

M/S Innovent Engineering  
Solutions Pvt. Ltd.,  
Bangalore

Co-ordinator

**PROF. RAGHAVENDRA JOSHI**

Dept. Of Mechanical Engineering

## **FDP REPORT**

Six-Days FDP on “**Analysis of Real Time Engineering Problems using ANSYS Software**” was organised by the Department of Mechanical Engineering for the faculty members and research scholars. The workshop was jointly coordinated by M/S Innovent Engineering Solutions Pvt.Ltd., Bangalore. The following topics have been covered during the FDP

The program details are as follows:

1. Name of the event : **Analysis of Real Time Engineering Problems using ANSYS Software**
2. Date : 18-01-2016 to 23-01-2016
3. Time : 10AM To 4:30 PM
4. Venue : Mechanical Seminar Hall
5. Resource Persons : From M/S Innovent Engineering Solutions Pvt. Ltd., Bangalore
6. FDP Co-ordinator : Prof. Raghavendra Joshi

### **Objectives of the FDP:**

- To explain about the overview of ANSYS and its applications
- To formulate finite element starting from governing equations.
- To analyze one and two dimensional finite element analysis.
- To formulate quadrilateral and higher order elements.
- To solve 1-D and 2-D problems using ANSYS software.
- To solve axisymmetric and 3D problems.
- To analyze dynamics of finite element formulation.

### **Outcome:**

- The programme was included hands-on-sessions for solving engineering problems using ANSYS software.
- FDP provided a better insight into the formulation of finite element starting from governing equations.
- Participants worked on solving 1-D , 2-D and 3-D problems using ANSYS software.

Criteria 9.6

# **Faculty Development Programme on Analysis of Real time Engineering Problems using ANSYS**

18<sup>th</sup> to 23<sup>rd</sup> January 2016

Organized jointly by

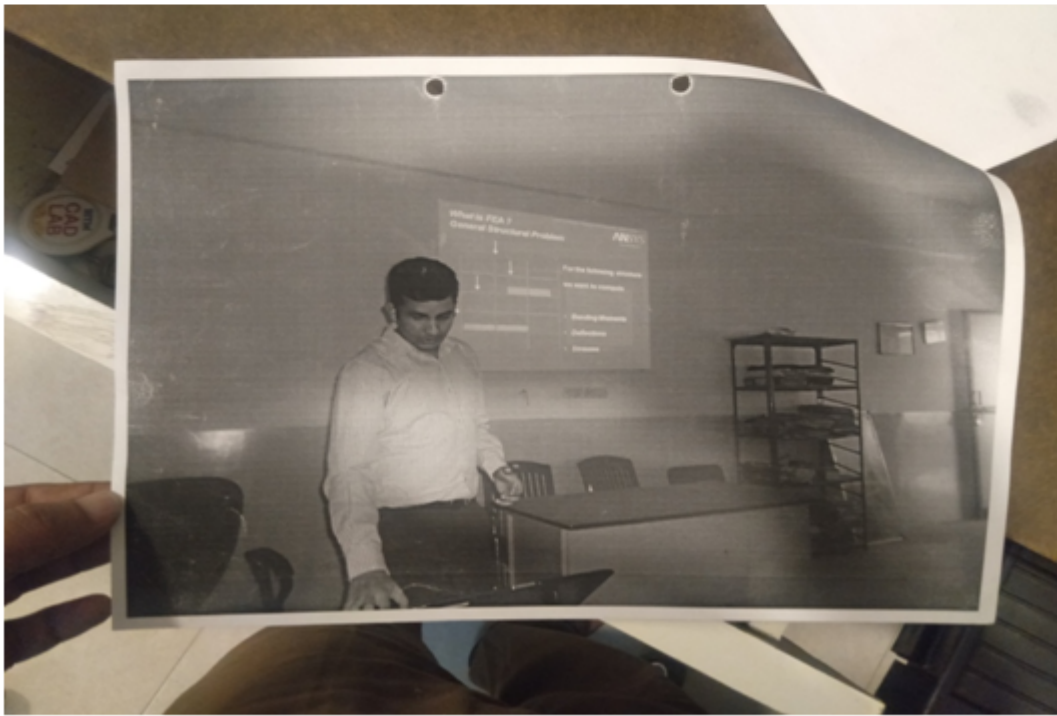
Department of Mechanical Engineering  
Ballari Institute of Technology & Management  
Bellary

M/s Innovent Engineering Solutions Pvt. Ltd.  
Bangalore

Co-ordinator  
RAGHAVENDRA JOSHI



Principal  
Ballari Institute of Technology & Management  
BELLARY



  
Principal  
Ballari Institute of Technology & Management  
BELLARY.

ONE DAY WORKSHOP  
ON  
**EMERGING TRENDS IN  
BASIC SCIENCE & TECHNOLOGY**

REGISTRATION FORM

Full Name: \_\_\_\_\_

Department: \_\_\_\_\_

College Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

Mobile: \_\_\_\_\_

e-mail id: \_\_\_\_\_

Date: \_\_\_\_\_ Signature \_\_\_\_\_

Send to:  
**Dr. Suresh**  
Professor & Head  
Department of Chemistry  
BITM, Ballari - 583 104  
Email: dsuresh61@yahoo.com  
Cell No: 9481435753

Note: TA/DA should be borne by the Delegates  
Sponsoring Institute.

**Chief Patron:** Dr. Yashwanth Bhupal  
Director, BITM  
**Patrons:** Prof. Prithviraj Y.J., Deputy Director, BITM  
Dr. V.C. Patil, Principal, BITM

**Conveners:** Dr. Suresh,  
Prof. & HOD, Chem. Dept, BITM, Ballari  
Prof. K.H. Hari Kumar,  
Principal, BPSC, Ballari

**Co-Conveners:** Dr. K.S.R. Sridhar, Vice Principal  
Prof. & HOD, Maths Dept., BITM, Ballari  
Dr. T. Machappa,  
Prof. & HOD, Physics, BITM, Ballari

**Advisory  
Committee:** Prof. K. Darukesh,  
Principal, Papal Tree PU College, Ballari

Prof. Mahalingana Gouda,  
Principal, Govt. PU College, Tekkalakote

Prof. Janskaraj Pattar  
Govt. (Es-Mp) PU College, Bellary

Prof. Prasanna Anjaneyulu,  
Sri Chaitanya PU College, Ballari

Prof. Thippeswamy J. S.,  
National PU College, Hospet.

**ORGANIZING  
COMMITTEE**  
Mr. J. Ravindra, AP, Chemistry  
Ms. Vindhya R., AP, Chemistry  
Mr. Sharana Kumar T.M., AP, Chemistry  
Ms. Dharani, AP, Chemistry  
Mr. Chidanada R. Kumar, AP, Chemistry  
Dr. N. Gururaj, Asso. Prof. Maths  
Dr. D. Shaik Meera, Asso. Prof. Maths  
Dr. Prahlad, AP, Maths  
Mr. Syed Mohiuddin, AP, Maths  
Mr. J.S.T. Swamy, AP, Maths  
Mrs. Sunitha, AP, Maths  
Dr. Rama Rao, AP, Maths  
Mr. Manjunatha S., AP, Physics  
Mr. Sunil Kumar, AP, Physics  
Mr. Raghavendra, AP, Physics  
Mr. Veeresh, AP, Maths

**Also Supported by:** Mr. M. Srinivas Reddy, Lect. Chem.  
Mr. M. Ramanjaneyulu, Lect. Chem.  
Mr. A. Suresh, Lect. Chem.  
Mr. G. Narendra, Lect. Chem.  
Ms. Leela.G., Lect. Chem.

Supporting Staff  
Research Scholars  
& Students

ONE DAY WORKSHOP  
ON  
**EMERGING TRENDS  
IN  
BASIC SCIENCE &  
TECHNOLOGY**

On Saturday, 9<sup>th</sup> January, 2016



ORGANISED BY

**DEPARTMENT OF CHEMISTRY  
BALLARI INSTITUTE OF  
TECHNOLOGY  
& MANAGEMENT**

"Jnana Gangotri" Campus,  
#873/2, Ballari-Hosapete Road,  
Near Allipura,  
Ballari - 583 104 (Karnataka)

Ph : 08392-237100 / 190, Fax: 237197  
email: bitmbly@gmail.com, Web: www.bitm.edu.in



#### ABOUT THE ORGANIZERS

Ballari Institute of Technology & Management, Ballari was started under the aegis of Tungabhadra Education Health & Rural Development Trust (R), Ballari in the year 1997.

Ballari Institute of Technology & Management is one of the well established premier Engineering & Management Colleges with the objective of imparting technical education, management education, research and training to meet the challenges of 21st century. BITM has many benchmarking activities to its credit. It has received ISO 9001:2008 Certification from IM Moody International Agency. It is accredited with National Assessment & Accreditation Council (NAAC), approved by Government of Karnataka, All Indian Council of Technical Education (AICTE), New Delhi and affiliated to VTU Belagavi.

BITM founded in the year 1997, has established its identity in Engineering and Technological education. It offers BE programmes in Computer Science Engineering, Electronics & Communication Engineering, Electrical & Electronic Engineering, Mechanical Engineering, Civil Engineering and M. Tech programmes in Computer Science, Mechanical and Electronic Engineering. It has also been recognized as Research Center under VTU in Physics, Chemistry, Mathematics, Computer Science Engineering, Electronics & Communication Engineering, Mechanical Engineering and MBA. Number of research programmes is supported by FIST.

#### ABOUT THE DEPARTMENT

Department of Chemistry has qualified and committed faculty members. It has well equipped laboratories. Department of Chemistry has recognized as a Research Center by VTU, Belagavi. Many students have registered for Ph.D. under VTU.

#### THE AREAS OF RESEARCH:

Coordination Chemistry, Solution State Chemistry and Material Science.

#### SCOPE OF WORKSHOP

The main objective of the workshop is to provide an appropriate platform for academicians to interact and share the developments in the field of Science and Technology in general and Chemistry in particular.

Theme of the workshop is to include wide variety of interesting lectures from the experts and to share the knowledge to bridge the gap between Pre-University curriculum and Engineering Curriculum.

#### WHO CAN PARTICIPATE?

Chemistry Faculty and Research Students.

#### ACCOMMODATION

Accommodation will be arranged on request in college Guest house. Limited accommodations are available. Please inform in advance for accommodation.

#### TECHNICAL SESSION RESOURCE PERSONS:

1<sup>ST</sup> SESSION **DR. A. DAYANAND,**  
PROFESSOR,  
DEPT. OF MICROBIOLOGY,  
GULBARGA UNIVERSITY,  
KALBURGI.

2<sup>ND</sup> SESSION **DR. K.S. LOKESH**  
ASSOCIATE PROF.  
DEPT. OF CHEMISTRY,  
SRI KRISHNANDEVARAYA UNIVERSITY,  
BALLARI.

3<sup>RD</sup> SESSION **DR. B.G. SHIEPARAMATTI,**  
PROFESSOR,  
DEPT. OF ELECTRONICS & COMM. ENGRG.,  
BASAVESWARA ENGG. COLLEGE,  
BAGALAKOTE.

#### BASAVARAJESWARI GROUP OF INSTITUTIONS

- Sanjay Gandhi Polytechnic, Ballari (1992)
- Ballari Institute of Technology & Management, Ballari (1997)
- Beilary Industrial Training Centre, Ballari (2002)
- Basavarajeswari Kids Academy, Ballari (2006)
- Basavarajeswari Public School & College, Ballari (2006)
- BPSC Pre University College, Ballari (2012)
- Ballari Business College, Ballari (2012)



Sir CWRaman Block

Department of Chemistry



## WORKSHOP REPORT

The Department of Chemistry was organised one day Workshop on “**Emerging Trends in Basic Science and Technology**” for the faculty members and research scholars. The program details are as follows:

1. Name of the event : **Emerging Trends in Basic Science and Technology**
2. Date : 09-01-2016
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall
5. Resource Persons : Dr. A. N. Dayanand, Professor, Dept. of Microbiology, Gulbarga University Gulbarga.  
Dr. K.S. Lokesh, Associate Professor, Dept. of Chemistry, SK University, Ballari.  
Dr. B.G. Sheeparamatti, Professor, Dept. of ECE Basaveswara Engineering College Bagalkote.
6. Workshop Co-ordinator : Dr. Suresh Prof. and HOD Dept. of Chemistry.

### **Objectives of the Workshop:**

The objective of the workshop was to provide an appropriate platform for academicians to interact and share the recent developments in the field of science and technology.

### **Outcome:**

Workshop provided a better insight into the recent trends in the field of Ceramic Materials and Nanomaterials and application of Catalysts in various fields. The workshop focused on the latest technologies and systems in the field of chemical engineering, Chemistry and Physics



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

Criteria - 6.3.3  
Professional Development /  
Administrative Training for Teaching  
and  
Non-Teaching Staff  
for  
Academic year  
**2014-15**

Five – Days FDP  
on

**Flexible Manufacturing System  
by Technical Expert from  
MTAB India**

**REGISTRATION FORM**

Name: \_\_\_\_\_

\_\_\_\_\_ Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mobile No. \_\_\_\_\_

Date: \_\_\_\_\_ Signature of  
the

Applicant  
Signature of the HOD

**Chief Patron:**

Dr. Yashvanth Bhupal  
Chairman & Director/Managing Trustee

**Patrons:**

Prof. Prithviraj .Y.J  
Deputy Director/Trustee

Dr. V C Patil  
Principal

Dr. K S R Sridhar  
Vice-Principal

**Organizing committee:**

Dr. Yadavalli Basavaraj, Prof. HOD, ME

Dr. Venkat Raman, Prof. HOD, ME

**Resource Persons :**

**Experts from Industry and  
Academic Institutions**



**BALLARI INSTITUTE OF TECHNOLOGY  
& MANAGEMENT**

**FIVE DAYS FDP  
ON**

**“Flexible Manufacturing System  
by Technical Expert from  
MTAB India”**

12<sup>th</sup> to 15<sup>th</sup> June 2015



Organized By:

**DEPARTMENT OF  
MECHANICAL ENGINEERING**

## ABOUT INSTITUTION:

Ballari Institute of Technology and Management (BITM) is established in the year 1997 with the aim of providing quality education. The institution is run by T.E.H.R.D trust which was founded by Late. Smt. Basavarajeswari, Former Union minister. The campus spread over 11 acres of greenery, with ecofriendly surroundings, has facilities that are a class apart, combining aesthetics with modernity. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and affiliated to Visveswaraya Technological University (VTU), Belgaum. The institute is certified by ISO 9001-2008. Separate hostel facility for boys & girls and a recreational area, BITM has come a long way, in terms of providing the very best of technical and management education with highly acclaimed academic delivery complemented with superlative infrastructure. BITM plays a vital role in producing top-quality professionals to meet industrial and technological requirements.

## WORKSHOP OBJECTIVES:

A flexible manufacturing system (FMS) is a production method that is designed to easily adapt to changes in the type and quantity of the product being manufactured. Machines and computerized systems can be configured

to manufacture a variety of parts and handle changing levels of production.

A flexible manufacturing system (FMS) can improve efficiency and thus lower a company's production cost. Flexible manufacturing also can be a key component of a make-to-order strategy that allows customers to customize the products they want. Such flexibility can come with higher upfront costs. Purchasing and installing the specialized equipment that allows for such customization may be costly compared with more traditional systems.

MTAB is equipped with modern Manufacturing facilities, Mechanical and Electronic Assembly and Testing facilities, including CNC Vertical Machining Centre, High Precision Grinding Machine, Measuring Machine & Quality Control equipment like Renishaw laser ball bar & testing equipment. MTAB serves the educational and industrial training sectors, fulfilling Advanced Manufacturing Technology and Automation requirements with indigenous and imported systems to leading engineering and technical training institutions including IITs, NITs and Government & private training centers and tool room training all over India & overseas.

## TOPICS TO BE COVERED:

- Vertical Machining Centre (Industrial)
  - MTAB STARTURN CNC Lathe Trainer
  - MTAB FMS Cell
  - Rapid prototyping machines
  - Dimension Elite 3D Printer
  - FDM 200MC
  - IBM Intelli Workstations and Computers
- 
- **To discuss the features of following Software tools:**
  - ARENA – 2D Simulation tool
  - MINITAB – Quality Control tool
  - DFMA – Product design tool

## **FDP REPORT**

The Department of Mechanical Engineering has organised “5-Days FDP on “**Flexible Manufacturing System by Technical Expert from MTAB India Pvt. Ltd.**” for the faculty members. The program was conducted in Association with MTAB India Pvt. Ltd. Bangalore. Production with a flexible manufacturing system (FMS) is largely automated, reducing overall labor costs. Flexible Manufacturing System (FMS) is an integrated, computer controlled, automated manufacturing system. The program details are as follows:

1. Name of the event : **5-Days FDP on Flexible Manufacturing System by Technical Expert from MTAB India Pvt. Ltd**
2. Date : 12-06-2017 to 17-06-2015
3. Time : 10AM To 4:30 PM
4. Venue : Mechanical Seminar Hall
5. Resource Persons : From MTAB India Pvt. Ltd. Bangalore
6. FDP Co-ordinator : Dr. U. Venkataraman

### **Objectives of the FDP:**

- To discuss the features of following hardware related topics.
  - Vertical Machining Centre (Industrial)
  - MTAB STARTURN CNC Lathe Trainer
  - MTAB FMS Cell
  - Rapid prototyping machines
    - Dimension Elite 3D Printer
    - FDM 200MC
  - IBM Intelli Workstations and Computers
- To discuss the features of following Software tools:
  - ARENA – 2D Simulation tool
  - MINITAB – Quality Control tool
  - DFMA – Product design tool

### **Outcome:**

- Participants got exposure to FMS using MTAB with respect to hardware and software.
- Participants are provided with hands on experience of FMS using MTAB.



A handwritten signature in green ink, appearing to be "Chini".

Principal  
Ballari Institute of Technology & Management  
BELLARY





## BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

"Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari - 583 104 (Karnataka)

### DEPARTMENT OF MECHANICAL ENGINEERING

*It is our pleasure to invite you cordially to the "Inaugural Function"*

### VTU -VGST Sponsored Faculty Development Program (FDP)

on

**Process Quality through Optimization Techniques & Waste utilization in steel Manufacturing**

On 20<sup>th</sup> to 23<sup>rd</sup> May 2015 @ 9.30 AM  
At Seminar Hall, Millennium Block, BITM, Ballari

**SRI V. LOKESHA**

Joint Director, District Industries Centre, Ballari.  
Dept. of Industries & Commerce

**Dr. S.J.V. MAHIPAL**

Chairman, T.E.H.R.D. Trust\*, Ballari  
will be distinguished Guest of Honour

**Dr. YASHVANTH BHUPAL**

Director, BITM, Ballari  
will preside over the function

**Prof. Prithviraj Y.J**  
Dy. Director, BITM, Ballari

**Dr. V.C. Patil**  
Principal, BITM.

**Dr. Yadavalli Basavaraj**  
Chief-co-ordinetor  
HOD, ME, BITM, Ballari

STAFF, DEPT. OF MECHANICAL ENGG.

17/1



## BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

"Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari - 583 104 (Karnataka)

### DEPARTMENT OF MECHANICAL ENGINEERING

### VTU -VGST Sponsored Faculty Development Program (FDP)

on

**Process Quality through Optimization Techniques & Waste utilization in steel Manufacturing**

On 20<sup>th</sup> to 23<sup>rd</sup> May 2015 @ 9.30 AM  
At Seminar Hall, Millennium Block, BITM, Ballari

To,  
Smt./Sri \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

# FDP REPORT

The VTU-VGST-Sponsored 4 Days FDP on “**Process Quality through Optimization Techniques and Waste Utilization in Steel Manufacturing**” was conducted by the Department of Mechanical Engineering for the faculty members. The program details are as follows:

1. Name of the event : **Process Quality through Optimization Techniques and Waste Utilization in Steel Manufacturing**
2. Date : 20-05-2015 to 23-05-2015
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall
5. Resource Persons : Experts from industry and Academic institutions
6. FDP Co-ordinator : Dr. Yadavalli Basavaraja

## **Objectives of the FDP:**

- **To discuss the features of following optimization Techniques:**
  - Grey Relational Analysis (GRA)
  - Response Surface Methodology (RSM)
  - Genetic Algorithm (GA)
  - Swam Optimization Technique (SOT)
- **To discuss the features of following optimization tools and software:**
  - MATLAB
  - MINItab
  - Design Expert
  - Statistica
  - Statpro

## **Outcome:**

- FDP provided a better insight into the Optimization Techniques and Optimization tools and software.
- The FDP focused on the waste utilization in steel manufacturing using optimization techniques, tools and softwares.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY

## REGISTRATION FORM

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Pin Code: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

## PAYMENT DETAILS

Academicians/Industry/UG/PG/Ph.D/Students

Amount: \_\_\_\_\_  
DD No.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Name of the Bank & Branch: \_\_\_\_\_

Note:UG/PG/Ph.D.students attach the proof signed by principal

Signature of the Candidate

Signature of the  
Principal/Sponsoring Authority

## ORGANIZING COMMITTEE

Chief Patron: **Dr.Yashwanth Bhupal**  
Director,BITM  
Patrons: **Prof. Prithviraj.Y.J.**  
Dy.Director,BITM  
**Dr.V.C.Patil**  
Principal,BITM  
Convener: **Dr. R.N.Kulkarni**  
Prof.&Head  
CS&E,BITM  
Coordinators: **Prof. Srinivas.C.K.**  
**Prof. PhaniRamaPrasad.P.**

## WORKSHOP COMMITTEE

All Teaching and nonteaching staff members  
and students of Computer Science &  
Engineering Department.  
BITM,Ballari.



Department of Computer Science &  
Engineering.

Two Days National Level Workshop on  
Research Issues in Computer Science & Engineering  
(RICE-2015)



10<sup>th</sup> & 11<sup>th</sup> April 2015



Organized by

Department Of Computer Science & Engineering



Convener  
**Dr. R.N.Kulkarni**  
Professor & HOD

Coordinators  
**Prof. Srinivas.C.K.**  
**Prof. Phani Rama Prasad.P.**



Ballari Institute Of Technology & Management  
"Jnana Gangothri" Campus, No.873/2 Ballari  
Hospet Road, Near Allipur, Ballari 583104

## ABOUT THE COLLEGE

Ballari Institute of Technology & Management (BITM) was established in the year 1997 under the management of Tungabhadra Education Health & Rural Development Trust (T.E.H.R.D. Trust). The institute is located at Ballari in Karnataka. It is affiliated to the Visvesvaraya Technological University, Belagavi. The institute has been accredited by NBA and has been conferred ISO 9001:2008 certification. The institute is ranked as top 15<sup>th</sup> college in Karnataka according to EDU RAND magazine. The college is 96<sup>th</sup> best college in India According to OUTLOOK magazine among 850 Engineering colleges.

## ABOUT THE DEPARTMENT

Training the graduates with in-depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity, social awareness and leadership skills for the overall development is the vision of the Department. The Computer Science and Engineering Department was started in the year 1997. The course is an outcome based structured to help students to achieve this goal. The course was accredited by National Board of Accreditation (NBA). It has added two PG programs to its credit namely Computer Networking Engineering in the year 2004 and Computer Science & Engineering in the year 2013 and a research centre in the year 2013. The department has a total of 35 teaching faculty members with various specializations, out of which 3 are PhD holders and 8 are pursuing Ph.D. The faculty members are dynamic, energetic and highly qualified to meet the requirements based on the current knowledge of the students. The department has MDU with Mission 10X Technologies, Infosys Campus Connect and BigDataLab.

## WORKSHOP OBJECTIVES

1. To introduce and discuss emerging challenging Research Issues in the domain of Computer Science & Engineering and Information Technology.
2. To promote research activities culture among faculty members of engineering colleges and institutions.
3. To provide a platform for Ph.D students to discuss their on-going research work.
4. To form interdisciplinary research groups across various institutions and universities.
5. To provide the opportunity for the research aspirants, PG students who have plans to register for research in the near future.
6. To collaborate with industry and academicians to solve engineering problems.

## TOPICS TO BE COVERED

- ★ Big Data
- ★ Cloud Computing
- ★ Social media
- ★ Mobile Computing
- ★ Software Engineering
- ★ Object Modeling and Technology
- ★ Project Management
- ★ Data Analytics
- ★ Wireless Adhoc/ Sensor Networks

## RESOURCE PERSONS

Eminent experts from industry and academicians will discuss the emerging Research Issues

## WHO SHALL ATTEND?

This Workshop is aimed at the multi-faceted audience from Industries, Academics, Researchers and MTech / MCA / B.E. Students from Engineering Colleges and Universities.

## ADDRESS FOR COMMUNICATION

**Prof. C.K. Srinivas / Prof. Phani Ram Prasad P.**  
**Coordinators (RICE-2015)**

Two Days National Level Workshop  
on Research Issues in Computer Science & Engineering  
Department of Computer Science & Engineering  
Ballari Institute of Technology and Management

Ghanta Gangothri Campus, No. 873/2,  
Ballari-Hospet Road, Near Allipur, Ballari - 583104  
MOBILE: +919886684832, +918553165675

Email-ID: [bitmrice2015@gmail.com](mailto:bitmrice2015@gmail.com)  
web: [www.bitmedi.in](http://www.bitmedi.in)

## REGISTRATION DETAILS

- (Includes Courseware, Working Lunch and Tea)
- ★ Academicians/ Industry Participants: **Rs. 1000**
  - ★ UG/PG/Ph.D Students Academicians: **Rs 800**

Interested participants from Industry, Colleges and Research Institutes are requested to fill the registration form and send the same to the coordinator. Registration fee will be accepted through Demand Draft drawn in favor of "Director, BITM, Ballari" payable at Ballari along with the completed registration form. Registration fee does not include transportation and accommodation charges.

## DATES TO REMEMBER

Last date for receipt of Registration Form with DD **25<sup>th</sup> March, 2015.**

# WORKSHOP REPORT

The department of Computer Science Engineering was conducted Two-days Workshop on “**Research Issues in Computer and Engineering (RICE)**” for the faculty members and research scholars. The workshop details are as follows:

1. Name of the event : **Research Issues in Computer and Engineering (RICE)**
2. Date : 10-04-2015 to 11-04-2015
3. Time : 10AM To 4:30 PM
4. Venue : CSE Seminar Hall
5. Resource Persons : Dr. R. N. Kulkarni, Prof and HOD CSE Dept. and other dept Professors.
6. Workshop Co-ordinators : Mr. Paniram Prasad and Mr. C K Srinivas

## **Objectives of the workshop:**

**To discuss the research issues in the areas of computer science and engineering**

- Social Media
- Mobile computing
- Software engineering
- Object modelling and technology
- Project Management
- Data Analytics
- Cloud Computing
- Wireless Adhoc/Sensor Network etc.,

## **Outcome:**

The workshop provided the insight of emerging challenging research issues in the domain of Computer Science Engineering and Information technology to the faculty members and research scholars.



Principal  
Ballari Institute of Technology & Management  
BELLARY

**CENTER FOR MANAGEMENT DEVELOPMENT AND RESEARCH (CMDR)**

in association with

**CENTER FOR INDUSTRY INTERACTIONS (CII)**

Presents  
One Day  
Faculty Development Program  
On

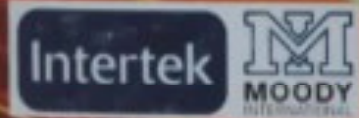
# Innovation & You

**For Any Enquiries Please Contact:**

Prof. Shankar Goud: 9008538575

Prof. Mansur Baig : 9900113220

Prof. Jayasheelan : 9845314013



**BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

# 873/2, Near Allipur, Hospet Road,

Bellary-583104

Tel: 08392 210566, 242900, 210588

Fax: 08392 237107

Department of Management Studies

**Ballari Institute of Technology and Management,**

Bellary



## **Innovation and You**

*Education is a light that shows the mankind the right direction to surge. The purpose of education is not just making a student literate but adds rationale thinking, knowledgeability and self sufficiency. When there is a willingness to change, there is hope for progress in any field. Creativity can be developed and innovation benefits both students and teachers.*

*Innovation is difficult to define and there are several definitions of innovation in the literature. Consequently, student, individual and institutional perceptions and interpretations of innovation are subjective and vary. Practice that may be viewed and described as innovative by one student group or institution may be common place in another. However, since innovative practice is time bound and operating within a rapidly changing environment, it may be viewed as both innovative and common practice simultaneously, across institutions.*

*This FDP aims to provide inputs related to teaching learning process and key attributes for a faculty to play a significant role in changing the education landscape in India.*

## **Date and Venue**

*6th September, 2014 BITM Seminar Hall*

## **Registration**

*Participants are to be nominated by their organizations or can sponsor themselves as well. The last date of receiving the duly filled nomination forms along with Cash/Demand Draft drawn in favor of "Director, BITM" payable at Bellary is 30th August, 2014.*

## **Fees**

*Rs. 500 per participant. The Fee would include Course Materials, Stationery, and Working Lunch/ Tea/Coffee during the breaks.*

## **Resource Persons**

### **Shri. S.N.Rao**

*Director, Shatavahana Ispat Limited, Hyderabad*

### **Mr. Praveen Kumar Naidu**

*Learning & Development Consultant, Azim Premji Foundation, Bangalore*

### **Mr. P. Shashidhar**

*DGM, Learning & Development, IBM (India) Pvt.Ltd, Bangalore*

### **Dr. Rajendra Joshi**

*Talent Transformation, Wipro Technologies, Bangalore*

### **Mr. Pramoda Vyasa Rao**

*Executive and Leadership Coach, Oracle India Limited, Bangalore*

## **FDP REPORT**

The Department of Management studies presents one day FDP on “**Innovation and you** for the faculty members. The program was conducted in association with Centre for Management Development and Research (CMDR) and Centre for Industry Interactions (CII). The purpose of the education is not just to make student literate but adds rational thinking, knowledge ability and self sufficiency. The FDP provides an opportunity for creative thinking and innovation benefits to both students and teachers. The program details are as follows:

1. Name of the event : **Innovation and you**
2. Date : 06-09-2014
3. Time : 10AM To 4:30 PM
4. Venue : MBA Seminar Hall
5. Resource Persons : Shri. S.N. Rao, Director, Shatavahana Ispat Ltd. Hyderabad.  
Mr. P. Shashidhar DGM, IBM (India) Bangalore and  
Dr. Rajendra Joshi, Wipro Tech. Bangalore
6. FDP Co-ordinators : Mr. Shankar Gouda, Mr. Mansur Baig and Mr. Jayasheelan

### **Objectives of the FDP:**

- The FDP aims at providing research stimulus to keen learners comprising scholars, academicians and practitioners.
- To create awareness about growing importance of research and publications in academic career.
- To encourage the faculty members to develop and incorporate research based insights into their learning.
- To encourage faculty members and students involvement in research.
- To discuss the development and implement of in house research projects relevant to industry and society.

### **Outcome:**

- This FDP provided the need of research among the faculty members, either doing research or planning to undertake research work.
- Encouraged the faculty members and students about research and developments in industrial environments.



  
Principal  
Ballari Institute of Technology & Management  
BELLARY