



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
YELAHANKA – BANGALORE - 64
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.

MONTHLY PROGRESS REPORT FOR THE MONTH OF OCTOBER- 2018

Date: 02/11/2018

MoUs / Awards / Recognitions

This should cover any MoUs entered into with external agencies; any awards received by the department / faculty member / student and recognitions like giving expert talk in other institutions / chaired a seminar / BoE member, etc.

Memorable Moments

Any activity conducted by the department which had good impact and was memorable in nature.

Industry – Institute Interaction

This should cover industrial visits, industry experts visiting the institute, faculty internships, etc.

Department of Electronics and Communication Engineering organized a visit to U R Rao Satellite Centre, leading Centre of ISRO, on 8th October, 2018 for students of 3rd, 5th and 7th semesters.

The United Nations General Assembly had declared “World Space Week” as an annual event to be commemorated between October 4th – 10th every year, in recognition of two important dates in space history i.e. launch of first human satellite SPUTNIK-1 on October 4th, 1957 and signing of the Outer Space Treaty on October 10th, 1957. On this occasion URSC invited students from various colleges to participate in the program.

ISRO Satellite Centre (ISAC) is the lead center of the Indian Space Research Organization (ISRO) responsible for design, development, assembly & integration of communication, navigation, remote sensing, and scientific development and launch of small satellite missions.

The interactive program on Satellite Technology was scheduled from 1:30pm to 4:00pm and Shri P. Kunhikrishnan, the current Director of URSC, initially explained in brief the design, development and realization of all the satellites of the Indian Space Program. Subsequently various professors gave short lectures various topics like;

- Making of Satellites
- Mechanical and Electronic Subsystems of Satellites
- Nano satellites and its technologies
- Importance of quality in satellite building
- Benefits of Satellites to Common man

Various other functions of the institute were described such as the clean room where the satellites were assembled, the working of Chandrayana 2 which will be launching in 2018, various images of India taken at different angles from the satellites, for the purpose of geographical/weather study were seen.

The Industrial Visit was attended by students of ECE and TCE and was beneficial for the students to directly understand about the various concepts of satellite and space missions done by ISRO.



Industrial visit was organized to IPA weighing and Automation Pvt Ltd. on 23rd October, 2018 by Prof Anil Kumar, Prof Ravindra and Prof Hamsavahini for students of 5th Semester A Section.



Workshops / Faculty Development Programmes/ Fests

This should cover workshops conducted by the department wherein external agencies / participants were part of the workshop / FDPs conducted and fests like inter collegiate technical fest.

Seminars / Expert Talks

This should cover seminars conducted by the department and talks given by subject experts.

Expert talk on “Self Realization” was conducted on 5 th Oct 2018 as part of the club activity. The resource person was Dr. Manjunath ,Professor and Head (ISE dept) and the Convener was Prof. Rashmi N, Assistant Professor, Dept of ECE.The talk started by formal welcome and Students from first semester participated in this talk .The total number of students participants were 50. Dr. Manjunath, started the talk with the importance of self realization in today’s world. The talk also included the important tips for improving our confidence level and realizing our strength and weakness. He also motivated students to work more towards strength.





On 24 th OCT 2018, a Partial delivery was organized by Rashmi N and Vinutha B(Course coordinator- Microwave and antennas), ECE department,BMSITM. The lecture was guided by Vikramathithan, Associate Professor, Dept. ECE,SVIT, Bangalore. He specializes in Microwave engineering . The lecture was conducted on the topic “ Microwaves and antennas”. He briefed the students about the concepts related to Field theory and antennas . It was an enlightening session as he shared real life experiences and told the students about the importance of antennas designs. It was a learning and interactive session for the students .After the session responses of the students were collected.



Expert talk on “ Power lines and its Fault detection” was conducted on 25 th Oct 2018 in CR 105. The resource person was Dr. Madhu Palati, Professor (EEE dept) and the Convener was Prof. Rashmi N. The students of first Sem participated in this talk .The total number of students participants were 80. Dr.Madhu Palati, started the talk with the importance of power lines and basic parameters to designing it. The talk also includes the fault in powerlines and how it can be detected. The talk was really enlightening in cross disciplinary subjects.





Mrs. Mamatha , Assistant professor delivered a talk on Cryptography –Symmetric Ciphers on 26.10.2018 in Gnanavardhana.



Mr Anilkumar D , Assistant professor delivered a talk on Leadership Styles on 12.10.2018 in Gnanavardhana.



Departmental Co-curricular Activities

This should cover activities like blended classes / quiz, student internships, etc.

Dr. Seema Singh conducted Quiz for the course, “Electronic Instrumentation” using EDMODO tool for III Semester ‘C’ section on 29th October, 2018. The snap shows the usage of ICT tools.

Publication of Research Papers by the Faculty Members, BMSIT&M

This should cover only papers published by national / international magazines / journals with volume, ISSN Nos, impact factor, etc.

A Paper was presented by Dr. A. Shobha Rani and Mr. Raghunandhan on “Centroid and Gateway Based Hierarchical Routing Protocol for Wireless Sensor Networks” at SDM Institute of technology , Ujire on 27th and 28th October 2018.

Sports

This should cover sports activities conducted by the department / prizes won, etc.

Placement Activities at BMSIT&M

This should cover the placement activities done by the department.

Workshops / Seminars / FDPs attended

This should cover details of workshops / seminars / FDPs attended by the faculty members with small briefing about the event and how it helps the faculty member / institute.

This should cover details of papers presented in the conferences / workshops.

The above report should be with Calibri font and with 10 font size. If no activity is conducted under any of the above heads, NIL report should be mentioned. As far as possible provide one or two clear photographs for any of the event conducted.