DEPARTMENT OF MECHATRONICS ENGINEERING

Activity report -2017-2018

SI.NO	Event Name
1	**Talk on Internet of Things**
2	**Workshop on "Android App Development" by Google Disc**
3	**Workshop on "Internet of Things"**
4	**Technical Talk on "Industrial Automation 4.0"**

MECHATRONICS & AUTOMATION CLUB FOR XPLORATION- (MAC-X)

Mechatronics and Automation Club for Xploration (MACX) is a Technical and cultural Association run by and for the students of Mechatronic Engineering, MITE Moodbidri, under the guidance of a faculty coordinator. It is headed by the President, Vice President, Secretary, Treasurer, Sports Coordinator and Cultural Coordinator who are nominated and elected by the students of the department.

Since its inception in 2014, MACX has been actively organizing various activities to instill passion, vigor and enthusiasm amongst the students. It has consistently been the pioneer in subduing difficulties of the various aspects of technical fields through guest lectures, workshops, seminars, tech-talks and alumni interactions. The prime motive of the association has been to encourage students to display their hidden talents and to provide a platform to showcase their competence and nourish interpersonal skills which would help them in realizing their dreams.

The association also focuses on keeping up with the present trends by actively organizing workshops on current technologies and guiding students for higher education by various interactive sessions. Students are also mentored and encouraged to participate in social impact programmes such as blood donation camps, Swachh Bharat Campaigns, Visits to Orphanages and old age homes and providing selfless service to rural areas to aid in overall development.

MTR01: Talk on "Internet of Things"

A talk on IOT was organized by the department of Mechatronics. **Mr. Anil M Prabhu** and **Ms. Asma (HR)** from ANP works delivered the talk on **5th of April 2018** in the campus. The talk was organized with the motive of integrating idea of students of various institutions and coming up with the innovative project based on IOT. Students were offered to display their ideas on what they can incorporate with IOT to make new projects. The talk was also followed by a session by Ms. Asma on what an industry looks forward to engineering graduates, tips on CV and E-mail. The two hour talk was concluded with a Q/A session.

MTR02: Workshop on "ANDROID APP DEVELOPMENT" BY Google Disc

A two days workshop on android app development was organized on the **6th and 7th of April 2018**. The workshop was conducted by **Mr. Abhinandan Sreekumar**, student of VIII semester who is the Google Developers Student Club Lead along with **Mr. Clyde Shelton Bangera**, student of VIII semester a Google applied CS representative. **Mr. Syed Mohammed Ridhan**, student of VIII semester and **Mr. Kashyap** developer of Kannada news app BeeShort. The workshop was

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Badaga Mijar, Moodabidri, Karnataka - 574225

Page | 2

commencement of two month training. session. The students were trained to develop a basic app. The workshop concluded with a two hour Hackathon which was conducted through Hackerearth.

MTR03: Workshop on "INTERNET OF THINGS"

A two days workshop on Internet of Things was organized by the department of Mechatronics on the **6th and 7th of October 2017** in Auditorium III. **Mr. Nishanth Singh**, Senior Technical Consultant, ProTex Technologies, Maharastra was the resource person for the workshop. Totally 78 students were attended the workshop and enhanced their knowledge. HOD and faculty of the department were present.

MTR04: Technical Talk on "Industrial Automation 4.0"

The Department of Mechatronics Engineering of Mangalore Institute of Technology and Engineering had organized a technical talk on INDUSTRY 4.0 in collaboration with BOSCH REXROT on **01/03/2018.** Mr. Santhosh was the resource person The one hour talk covered up topics like industrial revolution, current industrial requirements and how students should be prepared in advance for the upcoming changes in the technology. The company representative interacted well with the students and cleared out many querries and

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Page | 3

doubts during the Q & A session. Totally 80 students were attended the workshop and enhanced their knowledge. HOD and faculty of the department were present.