

MECHANICAL ENGINEERING DEPARTMENT ORGANIZED TECHNICAL ACTIVITIES .STUDENTS PARTICIPATED IN THE ACTIVITES WITH FULL SPIRIT.“ARDUNIO WORKSHOP”,“CAREER GUIDANCE AND COUNSELING FOR MECHANICAL ENGINEERING”,“CAMPUS-QUEST 2K16”,“PATENT FILLING” “TEACHERS DAY” CELEBRATION AND WORKSHOP ON “VIBRATION ANALYSIS AND CONSULTANCY OPPORTUNITIES” WERE CONDUCTED IN DEPARTMENT

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WORKSHOP ON ARDUINO ROBOTICS UNDER EYANTRA LAB

With full enthusiasm Two days' workshop on ARDUINO robotics was organized by Mechanical Engineering department of Sinhgad College Of Engineering, Korti, Pandharpur on 20th and 21st August, 2016. The function was presided over by Prof. B. M. Shivagunde and Prof. A. D. Harale. 49 students were participated for this event.

The purpose is to give introduction of Arduino to students, especially Mechanical students so that they can build hobby in robotics and can also implement automation projects. Students were provided complete kit containing Arduino uno board, bread board, various sensors .like potentiometer, LM35 temperature sensors, and LEDs, DC motor, LCD display. The function was started with Saraswati Worship, followed by brief introduction of ARDUINO. Scope of robotics is also discussed to

encourage Students. Dr. K. J. Karande, Principal, SKNSCOE encouraged students



Inaguration function-Head of Dept. Prof.Dr.RT Vyavahare.Coordinators- Prof.S.G Kularni,Prof.S.S Nagane, Prof.V.B Bhosale

for participation in such technical events and also to increase the student membership in professional bodies. He also encouraged students for broader vision in acquiring the technical knowledge. First session of 20th Aug started with Introduction of Arduino, followed by kit distribution and drivers and software installation. The second session is about programming the Arduino for various

operation of Digital Write function of Arduino. In third session Digital Read function of Arduino is described and used in program to solve various problems. The first session of 21st Aug was started with use of Analog Write function of Arduino followed by Servo motor control programming.

In second session DC motor controlling is described. Various programs were written to control the speed and direction of rotation of DC motor.

The third session is about using LCD display, and Arduino was programmed to display various messages and sensor values on LCD display. The Analog Read function of Arduino was also discussed in this session.

Workshop on “Vibration Analysis and Consultancy Opportunities”



Inauguration ceremony

In Department of Mechanical Engineering, One Day Workshop on “Vibration Analysis and Consultancy Opportunities” was organised on 17/09/2016. On this occasion Dr. Prof. S.P. Chavan (Professor, WCE, Sangli) was present as Chief Guest

Welcome and Felicitation of guest by Hon. Prof. R.T.

Vyavahare, HOD Mechanical. After our traditional lamp lightening ceremony, Dr. Chavan shares his valuable experience in vibration analysis. He focused mainly industrial vibration analysis and consultancy opportunities in relevant field. This event was organised mechanical department under the guidance of Prof. R.T. Vyavahare,



Inauguration Ceremony

Welcome and Introduction of guest by Prof. B. S. Gandhare, Prof. R. T. Vyavahare, HOD Mech felicitated Prof. Dr.Sandip Kale. Prof. Dr. Kale started his speech with importance of IP (Intellectual

EXPERT LECTURE ON “PATENT FILLING”

Property), various forms for patent filling, details about procedure of patents filling, and shared his personal experience about patent filling and motivated faculty for innovative thinking and writing and filling patents followed by discussion and question - answer with faculty. Twenty five (25) mechanical department teaching faculty and PG

ME (Design) students attended the expert lecturer. Prof. S. S. Kulkarni, PG Head and Prof. S. G. Kulkarni Dean R&D ,Prof. S. D. Katekar also present during the lecture. Vote of thanks by Prof. B. S. Gandhare, expert lecturer coordinator.

CARRIER GUIDANCE AND COUNSELING ENGINEERS



Er.Hari Dudhankar , addressing students

Welcome and Introduction of guest by Prof. B. S. Gandhare, Prof.S.S.Kulkarni, PG Head Mech felicitated Er.Hari Dudhankar, Senior Manager (R&D), WBC, Jaipur. Started his speech with importance of Metallurgy for industry. He explained heat treatment processes such as annealing, normalizing, hardening and tempering. And shared practical examples and experience. He also treatment process and pictures of diffrence furnaces used in industry. He also interacts with student and faculty during lecturer.

“CAMPUS- QUEST 2K16”

Mechanical Engineering Students’ Association (MESA) has organized **Campus- Quest 2K16** to give idea about the actual campus placement drive to students on 2nd and 3rd September, 2016. One hundred and twenty five (125) students have participated in this competition. Prof. Dr. Rajshree Badage (Training and Placement Officer), Prof.S.K.Kotgiri and Prof.K.R.Patmase and CA Pavankumar Zanvar has judged GD competition and Mr. Aniruddha Thombare (Data Torrent) has taken the personal & technical interviews. Mitesh Kashaveni got 1st prize and Pournima Kotgiri got 2nd Prize. This competition was coordinated by Prof. A. W. Kale, (Faculty Adviser, MESA) and Prof.U.S.Gholap under the guidance of Hon. Principal Dr. K. J. Karande and Head of Dept. Prof. R. T. Vyavahare.



TPO,Dr,Rajashree Badge delivering prize to Pournima Kotgiri

“TEACHERS DAY” CELEBRATION

In Department of Mechanical Engineering, Teachers Day was celebrated on 07/09/2016. On this occasion Hon. Mangaltai Shaha (Founder of ‘PALVI’) was present as Chief Guest. Welcome and Felicitation of guest by Hon. Prof. R.T. Vyavahare, HOD Mechanical. After our tra-

ditional lamp lightening ceremony, T.E. Mechanical students tributes their teachers and express their views about Dr. Sarvepalli Radhakrishnan. Chief guest Hon. Mangaltai Shaha said that this celebration was organised to show appreciation to the teachers for their contri-

butions to society and to enhance the special bond that teachers and students share, which are key components



Prof.Dr.R T Vyavahare ,falicitating Hon.chief guest Mangaltai Shaha



Traditional lamp lightening ceremony



BE (Mechanical) Industrial Visit at MSRTC Workshop, Pandharpur.

ONE DAY SEMINAR “ADVANCES IN MANUFACTURING”

Welcome and Introduction of Programme is anchored by Prof.S.A Bansode and Prof.N.L.Phule .Prof.S.D.Katekar introduced chief guest Prof.S.A.Jeurkar, Secretary IE(I) .Dr.K.J.Karande felicitated Prof.S.A.Jeurkar, Secretary IE(I) and Prof.R.T.Vyavahare, HOD Mech felicitated Principal, Dr.K.J.Karande. Er. S A Jeurkar, Secretary, IE(I) SLC delivered speech on Transfer of knowledge, information by the seminar and reduce the gap between theory and practical. Conventional Manufacturing and other than conventional 3D Printing, welding, material handling system, rapid prototype discussed. And information and work about IE(I), India. Dr.K.J.Karande motivated faculty and students to listen the experts and innovation and creativity for manufacturing products. Vote of Thanks by Prof.B.S.Gandhare, convener of the IE(I) seminar.



Er. S A Jeurkar, Secretary, IE(I) SLC was delivering speech