

Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad – 431 004 (MS), India
Department of Electronics

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"NAAC Reaccredited with 'A' Grade"

In order to enhance the Employability of students, following activities were taken throughout the academic year 2017-18 at Department of Electronics.

Course	Course Code	Course Title	Activities Undertaken
M.Sc. Electronics	ELET 111	Electronic Systems	i) Industrial visit was arranged. ii) One day workshop on "Basic electronics circuit design" was conducted. iii) Expert talk was arranged and Delivered by Industry Expert on "Industrial Safety Measures"
	ELET 112	Industrial Power Electronics	i) Industrial visit was arranged. ii) Industrial visit was arranged to get students familiarized with onsite fabrication and working of power electronic circuits iii) Expert talk was arranged and Delivered by Industry Expert on "Opportunities in Industries"
	ELET 113	Embedded Systems I	i) Industrial visit was arranged. ii) One day training program on "Basic programming in 8051" was conducted. iii) Expert talk was arranged and delivered by Industrial Experts on "Recent Trends in Industrial Development".
	ELET 114	8086 Microprocessor and Interfacing	i) Industrial visit was arranged. ii) Department level competition was held to design simple prototype based application useful for Industrial application. iii) Expert talk was arranged and delivered by Industrial Experts
	ELET 211	Embedded Systems II	i) Industrial visit was arranged. ii) One day Hands on Training workshop on "PIC Microcontroller and its applications" was carried out.

		iii) Expert talk was arranged and delivered by Industrial Experts.
ELET 212	Microcontroller Interfacing	i) Industrial visit was arranged. ii) Industrial Visit was conducted iii) Expert talk was arranged and delivered by Industrial Experts
ELET 213	Sensors and Actuators	i) Industrial visit was arranged. ii) Familiarization workshop on "Opportunities in Research" was conducted. iii) Expert talk was arranged and delivered by Industrial Experts
ELET 214	Advanced Sensors Technology	i) Industrial visit was arranged. ii) Familiarization workshop on "Recent Trends in Sensors" iii) Expert talk was arranged and delivered by Industrial Experts was conducted.


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Date 23 November 2017

Project Title

Sr.	Name of Candidate	Name of the Preproject Title
1	Ms.Ansari Tubiya Rubab	Geo Modified PDOT:PSS Nano composite for copper ion sensor
2	Mr.Aurangabadkar Venkatesh Ratnakar	Precision Digital Temperature Monitor
3	Mr.Dabhade Manoj Suresh	Detection of RPM of Industrial Motors with non contact mode operation
4	Mr Dabhade Sumit Anil	Street Light Automatic Intrensicity Controller
5	Mr. Dhakne Sunil Madhavrao	Solar power plant: Case Study- Erection,Installation and commisioning
6	Mr.Gaikwad Mahendra Madhukar	Safety Head cap for Industrial workers using Ultra Sonic waves
7	Mr.Gawali Gajanan Ashok	Mosture detection in Industrial Labs
8	Mr Ghule Prashant Sukhdev	Blind Stick for Visually Challenged Persons
9	Mr.Gore Vishal Kisan	Intelligent Solar Tracking System
10	Mr Khobragade Swarup Nandu	Prototype for Electronic Voting machine
11	Mr. Rakhe Sumit Sheshrao	Automatic Door closer/ opener Operation using IR Sensor
12	Ms.Winkare Rutika Harish	Peptide modified PDOT:PSS Nano composite for Lead detection

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Date: 02-06-2018

Minutes of the Departmental Committee meeting held on June 02, 2018

A meeting of Departmental committee of Department of Electronics was held on June 02, 2018 at 11:00 AM at Department of Electronics, with Professor M.D. Shirsat, Head, Department of Electronics in the chair. Other members present were Professor P.W. Khirade, Department of Physics, Mr. Sudhir Sambray, CEO Luans Electronics Aurangabad, and Professor S.N. Helambe, Head, Department of Electronics, Deogiri College Aurangabad. The meeting began with warm welcome by the Chairman. Following business was transacted.

1. Minutes of last meeting was confirmed.
2. The new curricula for M. Sc. 3rd and 4th semester was presented and after thorough discussion and meticulous considerations it was resolved to recommend revised curriculum to the appropriate authorities of the University for further processing (Annexure – A).
3. It was resolved to purchase equipments (as per annexure B) from non-recurring budget head sanctioned to the Department of Electronics (Annexure – B)
4. Many students from the Department are engaged in research work. Therefore, Department needs to have some research oriented equipments to cater the needs of students doing research work. Therefore, Departmental committee decided to purchase UV-VIS Spectrophotometer with the following specifications mentioned in Annexure C. But approximate cost of the aforesaid instrument is around 8 lakhs rupees. Department of Electronics is having only 5 Lakhs rupees for the purchasing of scientific equipments under non-recurring budget head for the year 2018-19. To overcome this issue, Departmental committee proposed to club the non-recurring budget head of Department of Electronics with non-recurring budget head of RUSA-Center for Advanced Technology having budget of Rs. 5 Lakhs for the year 2018-19.