



POORNIMA

COLLEGE OF ENGINEERING

Report of PASSPORT- 2017

Poornima's Academic Skill Sensitization Program of Orientation and Training (Technical Training for Faculties)

July 03-07, 2017

On July 3rd, 2017, Monday, Faculty training program (Passport-2017) was inaugurated at Poornima College of Engineering, Jaipur. It was 5 days training program from July 5th to July 9th 2017 for the knowledge upgradation of faculty members of Mechanical Engineering.

At the outset, Dr. O.P. Sharma, Director, Poornima College of Engineering welcome the participants and made them acquainted with the importance of training program. Mr. Shailendra Kasera, Coordinator, Faculty Training Program made the participants aware about the time table and schedule of the program through the help of a power point presentation.



The training program started with the lecture of Mr. Amit Mandal, Associate Professor, Poornima College of Engineering on “Advancement in Automobile Engineering” covering the DTSI, Twin inlet and Outlet valve and their uses.


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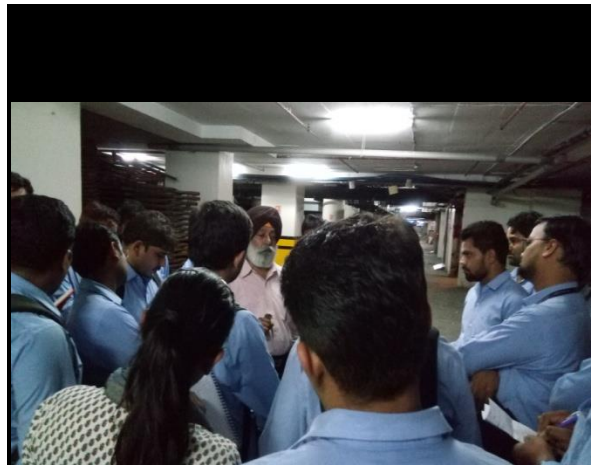
After the Lecture, all the participants visited Morani Hyundai, Jaipur under the guidance of two experts: Mr. Naveen Mathur and Mr. Govind Raj. They highlighted and made the participants know about the advances in automobile. The first day of the training ended with positive note and sharing of the knowledge. It was attended by 23 participants.



On July 4th, 2017, Tuesday, all the participants had an assignment related to last session under the supervision of program coordinator. Their after Mr. Shailendra Kasera took a lecture on the topic “Centralized Air Conditioning Systems-Fundamental of Chillers & its Working”. It made the participants aware about the functioning and working of Chillers of World Trade Park, Jaipur.



At Word Trade Park, Jaipur, a visit was organized under the leadership of Mr. Malkeet Singh. As an expert, he made the participants known about a working of Chiller & application of Air Handling Equipments. Under the visit, The participants observed three chillers with the capacity of 800 tons each which consume 2 lacks letter water per day using the 480 unit per chiller per hour. These chillers are used for centralized air conditioning at WTP. The second day program ended with the sharing of knowledge and wisdom. It was attended by 23 participants.



On July 5th, 2017, Wednesday, all the participants had an assignment related to last session under the supervision of program coordinator. Their after Mr. R.S. Saxena, (Former Addl. Chief Engineer, PWD, Chairman, ISLE, RSC, Jaipur, President Elect, ISHRAE, Jaipur, CWC Member, FSAI Rajasthan) took a lecture on “Solar Energy Application”. He made the participants acquainted with the current scenario of solar power in Rajasthan through a power point presentation. The Presentation was quite impressive due to the details and data related to Conventional Power Resources, Solar Radiation and Solar Energy Generation etc. The presentation expanded the horizons of knowledge of the participants. After that Dr. Arun Kumar Behura also took a lecture on “Applications of Solar Energy”. He made the participants acquainted with Thermal Solar Energy& Photovoltaic Solar Energy etc. It was attended by 23 participants.



A visit to power plant of PU was also conducted in which the expert Mr. Ashish Raj shared his views about the working of power plant of Poornima University, Jaipur. The participants got to know about the infra of solar power plant which has 334 no of panel with capacity of 300 W per panel. The power plant has the maximum capacity of 1000 kW. The third day of the program ended enthusiastically giving a positive message of knowledge & sharing.



On July 6th, 2017, Thursday, all the participants had an assignment related to last session under the supervision of program coordinator. Their after Dr. Hemant Kumar Gupta took a lecture on Fundamentals of Nano Technology, Nano Material, Types, Properties, Comparison and Applications. He emphasized on the learning of new technology related to Nano. A special Lecture was taken by Prof. D.S. Kumani, in which he covered up the fundamental of robotics-Motion of rigid bodies, Mechanical System etc. The lecture was quiet impressive. The session ended with positive remarks. It was attended by 23 participants.



On July 7th, 2017, Friday, all the participants had an assignment related to last session under the supervision of program coordinator. The fifth day of training was quiet full of knowledge and wisdom. All the participants along with the participants visited CIPET, Jaipur under the module “Plastic Injection Molding and Rapid Prototyping”. The experts from CIPET, Mr. Madan Manohar and Mr. Alok Sahu delivered lecture through the PPT on fundamental of Rapid Prototyping, and Plastic Injection Molding respectively. This lecture extended the horizon of knowledge’s of all the participants, where in they learnt about CAD, solid model, Rapid Prototyping and the use of material and the properties etc. after the lecture, all the participants visited the infrastructure of CIPET, Tool Rooms and machine related to PIM under the guidance of Mr. Arindam Patra. It was attended by 23 participants. The Passport-2017 ended with accomplishment of all the objective of learning advanced technology.



List of Attendees

S. No.	File no	Name	Code	Designation	Department
1	4543	Yogesh Mishra	F	Asst Prof	ME
2	5001	Asha Sanjay Kumawat	F	Asst Prof	ME
3	5548	Pushpendra Kumar	F	Asst Prof	ME
4	5552	Reddi Paga Mani	F	Asst Prof	ME
5	5421	Amarendra Uttam	F	Asst Prof	ME
6	4298	Gazanand Rathore	F	Asst Prof	ME
7	4992	Sagar Kumar	F	Asst Prof	ME
8	3939	Amit Mandal	F	Asso Prof	ME
9	5139	Aruna Kumar Behura	F	Asso Prof	ME
10	5362	Bhavesh Devra	F	Asso Prof	ME
11	1498	Ram Murari Sharma	TO	Tech Off.	ME
12	5563	Robin Gupta	F	Asso Prof	ME
13	5555	Dipak Ranjan Jana	F	Professor	ME
14	2972	Shailendra Kasera	F	Asst Prof	ME
15	3156	Kalpit Jain	F	Asst Prof	ME
16	3554	Sanjay Kumawat	F	Asst Prof	ME
17	3656	Rizwan Mohammed Khan	F	Asst Prof	ME
18	4801	Prashant Mishra	F	Asst Prof	ME
19	4886	Praveen Kumar Tyagi	F	Asst Prof	ME
20	5309	Ravindra Mahawar	F	Asst Prof	ME
21	5292	Peeyush Vats	F	Asso Prof	ME
22	1129	Devi Singh Kumani	F	Professor	ME
23	5289	Hemant Kumar Gupta	F	Professor	ME