POORNIMA
COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on Seminar on VRF Systems and Chillers

TITLE AND DURATION: "Seminar on VRF Systems and Chillers" (27-09-2017)

SPONSORS & SUPPORTERS: Nil

ORGANIZERS:

Rajasthan Technical University, Kota and Department of Mechanical Engineering, Poornima College of Engineering, Jaipur.

OBJECTIVES:

To expand students understanding of the nature and purposes of a university. To facilitate students adjustment to the challenges of life and learning at India. To identify practical learning skills and concepts that will promote students' academic success. To encourage students to explore the connection between university study and life enrichment, lifelong learning, and civic responsibility. To promote respect for diversity issues and concepts.

EXPECTED OUTCOMES:

Outcome of the technical seminar are to gather, study and understand advancements in Mechanical Engineering, Analyze literature & Understand Challenges and opportunities and identify problems in certain area of Mechanical Engineering, Understand use of modern tools and techniques, Understand Technical Report writing, presentation and delivery.

Dr. Mahesh Bundele
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Director
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Sitapura, JAIPUR

BROCHURE / POSTER / LEAFLET / FLYER:

PROGRAM SCHEDULE:

Program	**Timings**
Arrival of Guests at Director Office, PCE	9:00 AM
Welcome of Guests at AB-05	9:15 AM
Welcome of Dignitaries Mr. Priyank Garg, Jt Managing Director at Advance Valves, Noida. Memento presentation by Dr. R. P. Rajoriya, Director, PCE	9:15 AM to 9:20 AM
Opening Remarks by **Dr. R. P. Rajoriya**, Director, PCE	9:20 AM to 9:25 AM
Group Photograph	9:25 AM to 9:30 AM
Lecture on VRF Systems and Chillers by Mr. Priyank Garg	9:30 AM to 10:30 AM
Votes of Thanks by HOD Dr. Hemant Kumar Gupta	10:30 AM

BRIEF BIODATA OF RESOURCE PERSON:

Mr. Priyank Garg, Jt Managing Director at Advance Valves, Noida.

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ABSTRACT OF THE SESSION:

Department of Mechanical Engineering organized a Lecture on **VRF Systems and Chillers** at MT-09, **September 27, 2017** at PCE Campus Jaipur, for Final year Mechanical Engineering students. Lecture was conducted by Mr. Priyank Garg, Jt Managing Director at Advance Valves, Noida.

The basic objective of this Lecture was aware the students about valves, advance valves, its applications and opportunities for mechanical engineers in the field of chillers as per customer requirements.

Mr. Priyank Garg started his session with said that Advance has a wide range of valves to meet the requirements of the Power sector. We offer a reliable double-eccentric design for our butterfly valves for CW, FW & DM Water applications, and the high-performance Triple eccentric Butterfly valves for Steam-based and high-pressure applications. Our dual plate check valves are a superior NRV option as compared to the swing-check valve.

We offer double eccentric butterfly valves upto NB 3000 mm suitable for various power-based applications. Our valves offer optimum combination of performance and life-cycle cost. Our high- performance metal - Seated Triple Eccentric Butterfly & Dual Plate Check Valves are approved by the Indian Boiler Regulation (IBR) Authority. The Triple Eccentric valve has an intrinsic fire-safe design which makes it suitable for numerous applications, including steam-based applications where temperatures are in excess of 750 deg C. In fact, this valve can replace the more bulky Gate Valve as well, in certain applications. Some of our prestigious clients in this sector include NTPC, BHEL, NPCIL, Bhushan Power, Alstom Power, Jindal Power, Larsen & Toubro, Tata Power, MSEB, BSES and many others, including those who have developed their own captive power plants.

Mr. Priyank Garg also motivated the students to work in the field of designing valves as per the customer demand. He explained some career opportunities in designing filed for students.

GLIMPSES:

LIST OF PARTICIPANT:

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FEEDBACK ANALYSIS:

	Effective use of Time	Effectiveness of Theoretical Session	Course Content Planning and Organization	Effectiveness of Hands on Sessions
Strongly Agree	28	25	31	24
Agree	11	11	8	12
Neutral	0	6	0	3
Disagree	0	0	0	0
Strongly Disagree	4	1	4	4