

REPORT OF GUEST LECTURE

Department of Electronics and communication Engineering in the Rajasthan College For Engineering For Women had conducted a guest lecture on **22.03.2017** at Ashoka Hall. All the students of Electronics Engineering Department were present at this knowledge sharing session. This Lecture was delivered by **Prof. Manish Tiwari, ECE Department**, Manipal University Jaipur. The guest lecture was scheduled to start at 10.30 am Prof. Manish Tiwari began his lecture with introduction about Photonic Crystal Fibers. He emphasized on today's technology, uses of non-linear optics etc.

GUEST LECTURER:-

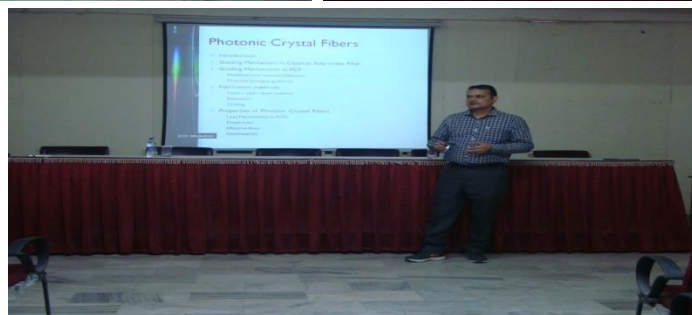
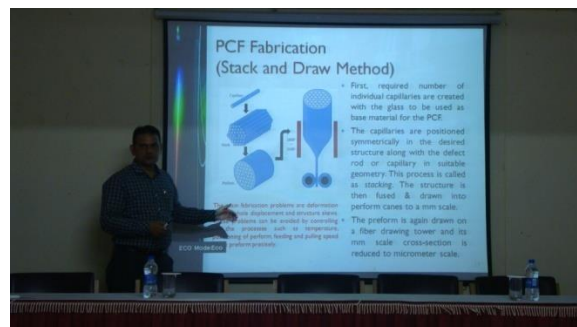
Dr Manish Tiwari is working as Professor in Department of Electronics & Communication Engineering, School of Electrical, Electronics & Communication Engineering, Manipal University Jaipur. He is have qualified the following- Doctor of Philosophy, Bachelor of Engineering, Master of Technology with the specialization in optoelectronics, electronics and telecommunication and VLSI design respectively.

The personality Holds an experience of 14 years and still counting.



OVERVIEW:-

In his lecture he explained all the processes that were involved in manufacturing of Photonic Crystal Fibers. The processes involved were Introduction, guiding mechanism of PCF, fabrication Methods and properties of PCF. Various components of an engine is produced using some or the other processes listed above. After explaining the manufacturing processes, he illustrated various materials used in the manufacturing of the components of the PCF. He explained the process flow in detail and elucidated the testing methods employed in manufacturing. He disclosed some modern techniques that are used in its manufacturing.



He also threw light on how the material testing can be done in an industry. He finally concluded his lecture by pointing out the difference between Knowledge and Information. After his lecture the students were given time to interact with the dignitary. Through the interaction, several other information about PCF and scope of Optical Science in future.

 **CONCLUSION:-**

The lecture was of great success. It helps students to know about something new and prepare themselves for something innovative and new. The Lecture came to an end with the Vote of Thanks by the Professor

