

MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY

REPORT of Lecture-1

A session of online lectures series was conducted on the occasion of Deeksha week by Department of Physics and Material Science, Madan Mohan Malaviya University of Technology, Gorakhpur on 24 September 2022 at 11 a.m. through Google meet .The session was inaugurated by Head of Department Prof. D.K Dwivedi and with a welcome address and coordinated by Prof. B.K Pandey .The speaker of the day was Dr. RAJ BAHADUR YADAV Scientist 'D'(Deputy Secretary) Regional Centre of Military Airworthiness (RCMA), Korwa CEMILAC, DRDO, Ministry of Defence, Amethi. Delivered his lecture on the topic "DESIGN AND DEVELOPMENT OF OPTICAL COMPONENTS AND DEVICES AND IT'S APPLICATIONS. where he through light on the points like: Optical design, Optical Fabrication and it's technology, Optical components, Electromagnetic spectrum, Digital optics, Atmospheric transmission of IR radiation, Sensor response, Infrared materials, Micro optics to Nano photonics, Futuristic directed research programme on Micro optics and Nano photonics, Optics technology, And the software tools for Optical Design are "Zemax, Code V, Oslo, and much more newly research ideas and modifications on optical design technology and their future aspects related to industrial and research areas.

The lecture was attended by Professors, Guest Faculties, Scholars ,students of PMSD .

The presentation invoked questions in the mind of the participants which was well addressed by the speaker along with that he motivated students to join the field of Research and Development .


Later the session was ended with vote of thanks to all ,by Dr. Abhishek Gupta .

The session turned out to be very interactive, informative, members of the audience are significantly more likely to pay attention, to stay engaged, and to stay tuned.

Department of Physics and material science.

Madan Mohan Malaviya University of Technology, Gorakhpur, 273010 INDIA.


25/09/2022
Prof. B. K. Pandey
Physics & Material Science Department
M.M.M. University of Technology, Gorakhpur


25-09-2022
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MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY

REPORT of Lecture-2

A session of online lectures series was conducted on the occasion of Deeksha week by Department of Physics and Material Science ,Madan Mohan Malaviya University of Technology, Gorakhpur on 22 September 2022 at 11 a.m. through Google meet .The session was inaugurated by Head of Department Prof. D.K Dwivedi and with a welcome address by Prof. B.K Pandey .The speaker of the day was Dr Manoj Kumar Gupta, Scientist and Recipient of CSIR- Young Scientist Award -2020 Physical Sciences, Assistant Professor(AcSIR) Hybrid Building Materials and Manufacturing Division CSIR- Advanced Materials Process Research Institute, Bhopal. Member at INSA-INYAS, Government of India, delivered his lecture on the topic "SMART NANO STRUCTURED BASED FLEXIBLE NANO GENERATOR DEVICES AND GREEN HYBRID COMPOSITE FOR SUSTAINABLE DEVELOPMENT where he through light on the points like: Fundamentals of Nano-materials and Nano-composites, Piezoelectric Nano-generators for Energy and Sensor Application ,Bio Compatible Piezoelectric Nano-generators, Triboelectric nanogenerators / Pyroelectric Nano-generators, Advanced Hybrid Composite from Industrial Inorganic Waste, Parali to Particle Board: Technological Solution to Stop Stubble Burning.

The lecture was attended by Professors, Guest Faculties, Scholars ,students of PMSD .

The presentation invoked questions in the mind of the participants which was well addressed by the speaker along with that he motivated students to join the field of Research and Development .


Later the session was ended with vote of thanks to all ,by Dr. Abhishek Gupta .

The session turned out to be informative and fruitful.

Department of Physics and material science.

Madan Mohan Malaviya University of Technology, Gorakhpur.


25/09/2022
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