

# Expert Lecture

on

## Nanotechnology: Basics and Applications Under TEQIP III

**NPIU**  
National Project Implementation Unit

### Abstract of the lecture

Nanomaterials due to their nanometer dimensions possess several distinctive physico-chemical properties, which significantly differ from the bulk. Due to these unique properties, nanomaterials are employed in a myriad of applications of technological relevance. In this presentation, the speaker will speak on the basics of nanomaterials including the synthesis and the applications of nanomaterials, so that the audience can have some basic knowledge of nanomaterials.

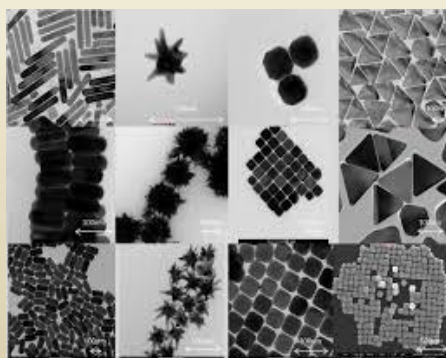


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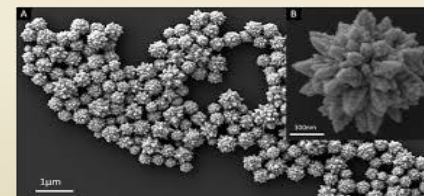
Department of Chemistry  
Rewa Engineering College, Rewa

**Date and Venue:** 23<sup>rd</sup> March 2018  
(Friday), 12.30 pm, New Hall, REC Rewa



### About the speaker

Dr. Tridib Kumar Sarma obtained his PhD from Indian Institute of Technology Guwahati in 2004. He then worked as Alexander von Humboldt post doctoral fellow (2004-2006) at University of Heidelberg, Germany and as a JSPS fellow (2007-2009) at Tokyo University, Japan. Since 2009, he is working as an Assistant Professor in the Department of Chemistry, IIT Indore. His research is focused mainly on carbon and hybrid nanomaterials for optical, catalytic and biomedical applications.



**Organizing Committee**

Dr. Manoj Solanki (HOD & Chairman)  
Dr. Bhagwati Sharma  
Dr. Jhasaketan Sahu  
Dr. Alkadevi Verma

*All interested are cordially invited*