

## Report on Workshop conducted at Department of Physics

On 25<sup>th</sup> April, 2019

<b>Title:</b>	One day “Inter-University Accelerator Centre (IUAC) Acquaintance Workshop”.
<b>Date(s):</b>	25 <sup>th</sup> April, 2019
<b>Venue:</b>	Seminar Hall, Department of Physics, Rajiv Gandhi University Doimukh, Arunachal Pradesh.
<b>Preamble:</b>	A One day “Inter-University Accelerator Centre (IUAC) Acquaintance Workshop” has been conducted on 25 <sup>th</sup> April, 2019, at Department of Physics, Rajiv Gandhi University Doimukh. The objectives of this workshop is to provide depth knowledge regarding accelerator based scientific research work in Physics, Material Science, Chemistry and Radiation Biology among the Faculties, Post Graduate Students, and Research Scholars. This workshop has been sponsored by Inter-University Accelerator Centre (IUAC), New Delhi and partially sponsor by Rajiv Gandhi University, Doimukh, Arunachal Pradesh.
<b>Participant’s Profile:</b>	A total of 58 participants including faculties, research scholars and Post Graduate Students were participated.
<b>Description about the Program:</b>	On the inaugural function, Prof Amitava Mitra, Director Internal Quality Assurance Cell (IQAC), Vice-Chancellor ( <i>in charge</i> ) participated as Chief Guest. In his Chief Guest address, he emphasized the enhancement of department of Physics, including university infrastructure. Dr. Pravin Kumar (senior scientist F) from IUAC New Delhi addressed about the centre facilities including sophisticated accelerators systems and experimental facilities in project mode involving several universities in the research area of Materials Science. In his talk, he addressed about the facilities provided by IUAC New Delhi to the faculties, scholars and post graduate students. He also mention about the ions radiation treatment on the materials for change in surface structure and topography. Prof R.P. Singh (senior scientist G) from IUAC New Delhi addressed about the facilities in the field of Nuclear Physics and radiation Physics. In his talk, he also emphasize on how to use the facilities from IUAC New Delhi. Dr. Md. H Rashid (Faculty from Chemistry Department RGU Doimukh) gives a brief talk on Nanomaterials synthesis and its characterization. In his talk, he mentioned the different synthesis technique of nanomaterials

	<p>and its characterizations. Dr. Yana Bagbi (Guest faculty Physics Department, RGU Doimukh) gives a brief talk on the topic Nano magnetite in the treatment of heavy metal contaminated waste water. In her talk, she mentioned about the purification of heavy metal contaminated water from biocompatible magnetite nanosorbents. The entire session was an interactive session and the speakers answered many queries raised by the participants. Prof. Sanjeev Kumar, HOD Physics Department, proposed vote of thanks. The entire programme was co-ordinated with the support of the faculty, guest faculty, Ph.D. research scholars, and Post graduates students of the department of Physics Rajiv Gandhi University Doimukh, Arunachal Pradesh.</p>
<b>Feedback:</b>	<p>All the participants including faculties, delegates, research scholar, post graduate students expressed their gratitude to the staffs of department of Physics Rajiv Gandhi University, Doimukh for creating opportunity for scholar to use the facilities in IUAC New Delhi on the basis of workshop.</p>
<b>Future Perspectives:</b>	<p>The department of Physics is looking forward to organize future workshop/conferences to provide more opportunity for the students and research scholar in the department.</p>
<b>Report Submitted by:</b>	<p>Prof. Sanjeev Kumar and Dr Upamanyu Das          Coordinators of workshop          Department: Physics</p>



Registration Desk



Dignitaries on the dais



Lamp lighting



Seminar hall



Talk by Dr. Pravin Kumar (IUAC New Delhi)



Talk by Dr. R.P. Singh (IUAC New Delhi)



Talk by Dr. Md. H Rashid (RGU Doimukh)



Talk by Dr. Yana Bagbi (RGU Doimukh)



Memento Presented to the speakers



**High tea**



**Group photo**



**Volunteers photo**