

practices for strengthening of Safety Culture". AERB officers presented the injury statistics of last five years which revealed that the incidences of injuries and fatalities have progressively reduced. The case study analyzing the causes of fatal accidents in four units of DAE and remedial measures were eye opener and presenters were grilled by the participants. The session also discussed on near miss accidents. 20 contributory papers on Industrial safety and 10 on Occupational Health safety were presented in parallel sessions on second day of the meet. The safety professionals had detailed deliberations on current practices, care and prevention.

The third day technical session covered 6 contributory papers on Industrial safety in addition to invited talk by Dr. P. T. V. Nair, AERB. This was followed by valedictory session the participation of thrilled audience in valedictory session on concluding day was unprecedented. The prizes for winners of Poster, Cartoon and Slogan Competitions conducted amongst DAE Employees were distributed. During feedback session, the participants appreciated the contents included and deliberated in technical sessions. The participant's whole heartedly appreciated the hospitality extended by RRCAT.

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N.3: One day theme meeting on Indus synchrotrons utilization

A one day theme meeting on "Indus synchrotrons utilization" was organized by RRCAT in association with Anand Niketan College, Gondwana University. The meeting was held at Anand Niketan College, Anandwan, Dist. Chandrapur, Maharashtra on 25th Jan 2016. The main objective of this meeting was to provide some basic information on synchrotron based beamlines and their application to applied and basic research areas to the faculties and research students from colleges and universities located near Anandwan. About 80 participants from various colleges and departments affiliated to the Gondwana University, RTM-Nagpur University, and SGB-Amaravati University, participated in this meeting. The meeting was inaugurated by Dr.S.M. Rodke, Director, Board of College and University Developments, Gondwana University. All the dignitaries present in the inauguration appreciated the efforts made by

RRCAT for organizing the meeting to create awareness about the uses of the beamlines at the Indus synchrotrons.



A photograph of the participants at the one day theme meeting at Anandwan.

Dr. Ravindra Makde (BARC/RRCAT), Dr. Archana Sagdeo (RRCAT), Dr. Vishal Dhamgaye (RRCAT), and Dr Mukul Gupta (UGC-DAE-CSR) delivered various talks at the meeting covering a wide spectrum of synchrotron based technologies and research. The presentations in this meeting started with an overview on Indus synchrotrons and their beamlines by Dr. Makde. Later Dr. Makde also presented the details about the imaging, protein crystallography, and infrared beamlines available at Indus. Dr. Dhamgaye introduced the basics of synchrotron radiation source. He then presented the recent results from x-ray fluorescence and x-ray lithography beamlines. Dr. Sagdeo introduced the techniques of x-ray absorption and x-ray diffraction and showed some recent results from EXAFS and XRD beamlines. Dr. Mukul Gupta covered the details of the beamlines managed by UGC-DAE-CSR, namely, the Angle integrated photo-electron spectroscopy and Soft x-ray absorption beamlines. He also presented some details of the laboratory based experimental facilities available for the university users at UGC-DAE-CSR.

The participants asked several queries related to synchrotron beamlines and their capabilities. At the concluding session, discussions between beamline scientists and the participants were held to explore the possibilities of utilization of the facilities at Indus synchrotrons for their research activities.

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