

## National Science Day

CSIR-Central Building Research Institute, Roorkee celebrated the National Science Day on February 28, 2018. Prof. Raj Hirwani, Former Head and Technical Advisor, CSIR Unit for Research and Development of Information Products (CSIR-URDIP), Pune graced the occasion as the Chief Guest and Prof. Anjan Sil, Head, Department of Metallurgical and Materials Engineering, IIT, Roorkee was the Guest of Honor. Dr. N. Gopalakrishnan, Director, CSIR-CBRI, Roorkee presided over the function.



Prof. Raj Hirwani presented a lecture on “Patent Information for Research and Business Development”, and apprised about patents, patent citing analysis, patent mapping etc. Explaining the importance of patents, he said that patinformatics opens new areas of research and play a crucial role in determining the Institute's core strength, structure, capacity, mergers and acquisitions, investment risk, human resources management etc. He also gave details on the services offered by URDIP to CSIR, nation's start-up companies, other institutions and companies in the domestic and foreign corporate world.



Prof. Anjan Sil presented a lecture on “Energy Storage Materials for Sustainable Future” and talked about green energy, lithium ion batteries and their miniaturization, electronic vehicles, polymer based materials, energy storage devices, nanotechnology, carbon nanotubes etc. He also discussed the research being carried on in the advanced areas of sustainable lithium alternates, new cost effective techniques, reuse of lithium extracts etc.

In his Presidential Address, **Dr. N. Gopalakrishnan**, Director, discussed the contributions and achievements of CSIR-CBRI, Roorkee.



**Dr. S. Sarkar**, Senior Principal Scientist conducted the programme and presented the formal introduction of the Chief Guest. **Dr. S.R. Karade**, Senior Principal Scientist presented the formal introduction of the Guest of Honor and **Dr. B. S. Rawat**, Principal Scientist presented a vote of thanks.