

REPORT ON
9th DAE-BRNS INTERDISCIPLINARY SYMPOSIUM ON MATERIALS CHEMISTRY
(ISMC- 2022)

The 9th DAE-BRNS Interdisciplinary Symposium on Materials Chemistry (ISMC-2022) was held during December 7-10, 2022 at DAE Convention Centre, Anushaktinagar, Mumbai. The symposium was jointly organized by Chemistry Division, BARC and Society for Materials Chemistry (SMC) and was fully supported by Board of Research in Nuclear Sciences (BRNS).

The symposium was formally inaugurated on 7th December 2022. Prof. U. Kamachi Mudali, Vice-chancellor, VIT Bhopal University was the Chief -Guest of the function and Prof. Sandeep Verma, IIT Kanpur was the Guest of Honour. There were more than 475 registered delegates from all over the country and a few international participants. There were ten scientific sessions and four poster presentation sessions which comprehensively covered a broad spectrum of activities relevant to Materials Chemistry. Some of the themes discussed in the symposium includes Nuclear materials, Nanomaterials, Materials for healthcare, Polymers and Soft matter, Materials for energy conversion and storage, Carbon based materials, Fuel cell materials, Thin films and surface chemistry, Magnetic materials, Catalysis, Chemical sensors, Organic and organometallic compounds, High Purity Materials, Computational materials chemistry, etc. There were 19 Invited lectures which included 8 international speakers and rest from institutes like, JNCASR, IITs, IACS, CSIR-IMMT, BARC, IGCAR, NCL, IISER, etc. The symposium also included the SMC award lectures and 15 short presentations by young researchers. The proceeding of the 9th ISMC-2022 and three issues of SMC Bulletin were released during the inaugural session of the symposium. The symposium also included two evening lectures, one by Prof. R. Chidambaram, Chairman, School for Advanced Studies in Nuclear Science and Technology, BARC and Former Principal Scientific Adviser (PSA) to the GoI and Chairman of the Scientific Advisory Committee to the Cabinet (SAC-C). The second evening lecture was delivered by Dr. A. K. Tyagi, Director, Chemistry Group.

All the scientific sessions were highly interactive and informative and covered different aspects of materials chemistry. The valedictory session of ISMC-2022 was held on 10th December 2022. A brief overview of the symposium was presented by Dr. A. K. Tyagi, Chairman, ISMC-2022. Shri. K. Jayakumar, Controller BARC graced the occasion and distributed best poster awards sponsored by the American Chemical Society. A number of delegates, invited speakers and student participants expressed their views and opinions regarding the symposium. All the

delegates appreciated the high scientific standard of the symposium. Chairman, ISMC-2022 thanked all the delegates for their contributions in making ISMC-2022 a grand success.

