



Science Academies' Refresher Course on 'Frontiers of Theoretical Physics' 1–16 February 2021

Sponsored by
Indian Academy of Sciences, Bengaluru
Indian National Science Academy, New Delhi
The National Academy of Sciences, India, Prayagraj

Organised by
Physics Department, Assam Don Bosco University, Assam

Science Academies' Refresher Course on 'Frontiers of Theoretical Physics' (SARCFTP), will be organised by the Physics Department, Assam Don Bosco University, from 1 to 16 February 2021.

A refresher course (RC) on theoretical physics is a very rare event, particularly in Northeast India. Thus, such an RC would definitely enhance the quality of physics education at undergraduate and postgraduate levels and would also keep the teachers up to date with modern developments in the field. This would add value to their teaching especially in the context of modern UGC model syllabus for the undergraduate courses. The topics for the RC include computational techniques, group theory and its application and quantum field theory and its applications. The topics are very carefully chosen to address the need of physics teachers at all levels. Prof. Sudhakar Panda (FNA, FNASc, FASc, J.C. Bose Fellow), Director of NISER, will be course director and Dr Samrat Dey, Head of Physics Department, Assam Don Bosco University, will be the course coordinator.

Applications for attending the RC are invited from teachers with experience in teaching undergraduate and/or postgraduate courses in physics. The organisers may consider selecting a few interested M.Sc. students also. Thirty-five participants will be accepted for the course. Selected participants will be provided with roundtrip bus/train (three-tier AC) fare by the shortest route and local hospitality during the course, in addition to course materials.

Interested applicants must submit their applications ONLINE by clicking on the following link:

<https://web-japps.ias.ac.in:8443/Refreshcourse/FTP.jsp>

Also a hard copy of the application (along with detailed CV) should be sent through the Head of the Institution (stating that leave will be sanctioned if the applicant is selected for the RC) to Dr Samrat Dey, Course Coordinator (SARCFTP) and Head (Physics Department), Assam Don Bosco University, Sonapur 782 402, Assam.

Last date for receipt of applications: **8 January 2021.**