

SUMMER NANO-IMMERSION

An Online Program on Nanoscience and Nanotechnology for +1 and +2 Students

June 22-26, 2020



Organized by
**Nanotechnology Research Center (NRC) and
Department of Physics and Nanotechnology**
Faculty of Engineering and Technology
SRM Institute of Science and Technology
Kattankulathur-603203

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranking private institutions in India accredited by NAAC with A++ grade. Ministry of HRD places SRMIST in category-A. It has over 55, 000 students and 2600 faculties, offering a wide range of undergraduate, postgraduate and doctoral program in Engineering, Management, Medicine & Health Sciences, Agriculture and Science and Humanities. The institution has moved up through international alliances and collaborative initiatives to achieve global excellence. The **Nanotechnology Research Center (NRC)** is established with the aim of excelling to create the state-of-the-art facilities for nanotechnology research and development of products. **Department of Physics and Nanotechnology** has a team of highly qualified and experienced faculty members to teach and carryout cutting edge research in the areas of nanoscience and nanotechnology.

ABOUT THE PROGRAM: The aim of this five days program is to impart the fundamentals and futuristic applications of nanotechnology to young, talented and highly motivated +1 and +2 school students. This program provides foundations, basics concepts, impact and implications of nanoscience and nanotechnology. Specific applications of nanotechnology in energy and environment will be discussed.

Program Schedule



Day - 1: 22-06-2020, 18.00-19.00 Hrs
Foundations of Nanotechnology-I

Prof. M. S. Ramachandra Rao,
Prof. R. Srinivasan Institute Chair Professor,
Department of Physics, IIT Madras



Day - 2: 23-06-2020, 18.00-19.00 Hrs
Foundations of Nanotechnology-II

Dr. J. Suryanarayana
Associate Professor, Department of Physics,
IIT Hyderabad



Day - 3: 24-06-2020, 18.00-19.00 Hrs
How to make and see nanomaterials?

Prof. S. Balakumar,
Director, National center for Nanoscience and
Nanotechnology, University of Madras



Day - 4: 25-06-2020, 18.00-19.00 Hrs
Applications of Nanotechnology

Dr. Arvind Kumar Chandran,
Assistant Professor, Dept. of Chemical Engineering,
IIT Madras



Day - 5: 26-06-2020, 18.00-19.00 Hrs
Scope and prospects of Nanotechnology

Prof. N. Victor Jaya
Department of Physics, Anna University, Chennai

No registration fee

Register on or before 17-06-2020, 5.00 pm

Zoom meeting ID and password will be shared only for
the registered participants

Registration

can be made through

<https://tinyurl.com/y8lnt5wa>

e-certificates will be provided to all the
participants

For queries:

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