19-04-2022

Prof. A. Karthigeyan,
Professor and Head, Department of Physics and Nanotechnology
SRM Institute of Science and Technology, Kattankulathur, Chennai 603203

To,
The Principal/Head of the Institution

Dear Sir/Madam,

Sub: Request to encourage students to register (the link provided below) for the **Webinar** on the Fascinating World of Materials Science and Engineering, which is being organized exclusively for 10+2 and UG students on 30th, April 2022.

Greetings from SRMIST, Chennai

At the outset, I wish to congratulate and appreciate you for your extraordinary efforts in keeping your institute in the top-ranking institutions in India. I believe that the primary and secondary level institutions in India play a significant role in nurturing young students for tertiary and higher levels of education.

As you may be aware, the SRM Institute of Science and Technology is one of the top-ranking universities in India with over 52,000 full-time students and more than 3200 faculty across all the campuses - offering a wide range of undergraduate, postgraduate, and doctoral programs in Engineering & Technology, Management, Medicine & Health Sciences, Science & Humanities, Law and Agricultural Sciences. It has been accredited by NAAC with the *Highest 'A++' Grade,* placed in *Category I with 12 B Status* by the MHRD-UGC, and *ranked 35* nationally under Universities Category by the NIRF in 2020. SRMIST is globally rated as '*Four Star'* University by renowned ranking agency QS and given '*Diamond*' Rating by QS-IGAUGE in the Indian context.

In our country, many higher educational institutions offer Materials Science and Engineering courses at UG and PG levels, including IITs, IISc, and SRM IST. Every year thousands of graduates obtain their degrees at bachelor's, Master and Doctoral levels. Almost all the graduates are employed in reputed companies/institutions or admitted into top-ranking institutions for higher studies. However, we still feel that many 10+2 students and UG students are unaware of the benefits of this fascinating area of study.

In studying materials, there are elements of physics, mathematics, biology, and chemistry; all taught in a cohesive and self-contained way within the course. This makes for a varied and stimulating experience, giving you the tools to make a real difference in industry and research. The prominent themes are biomaterials, nanomaterials, advanced manufacturing, smart materials, composites, energy generation and storage, and green and sustainable materials.

Creating new materials and making existing materials perform better is the key to advances in science and engineering, be it in industry or research organizations. There are smaller numbers of materials graduates than in other disciplines, which, combined with a strong need from industry and research for these people, means that most students get good jobs in their final year. Because of the

multidisciplinary nature of the Materials Engineering or Materials Science course, students will acquire a range of scientific and technical skills and knowledge and other generic skills such as management, presentation skills, and occupational health and safety. The kinds of jobs our graduates obtain range from plant managers to research scientists, CEOs, consultants, patent attorneys, and business development managers.

Materials Science and Engineering is a key aspect of most companies worldwide. In the race to make things stronger, cheaper, lighter, more functional, and more sustainable, the manipulation of materials, properties, and processes is key. This means graduates in this area can work or do research in most countries.

To provide necessary information about the fascinating world of Materials Science and Engineering and enlighten the young minds with proper guidance, the Department of Physics and Nanotechnology is organizing an Exclusive Webinar on Introducing the Materials Science and Engineering on **30th, April 2022 (09:30 AM – 01:00 PM).** The speakers are eminent teachers and researchers in Materials Science and Engineering from India's finest institutions.

We request you to encourage students to register and utilize this opportunity to listen to experts talks and know the state-of-the-art research problems in Materials Science and Engineering.

Please Register here (Free): https://tinyurl.com/MSE-Webinar

We anticipate your active participation in making the program successful.
Please find the attached Flyer and Program schedule attached to this letter.

For any inquiries, please feel free to contact hod.phy.ktr@srmist.edu.in (or) gopalakc@srmist.edu.in (or) kiranmak@srmist.edu.in

Best Regards,

Signature
Name of HoD: Dr. A. Karthigeyan
Seal:

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