



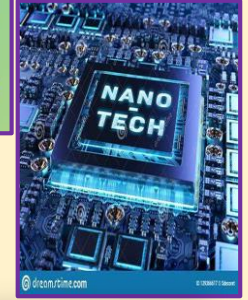
ಬಿ.ಎಂ.ಎಸ್. ತಾಂತ್ರಿಕ ಮತ್ತು ವ್ಯವಸ್ಥಾಪನಾ ಮಹಾವಿದ್ಯಾಲಯ  
( ಎ.ಟಿ.ಯು. ಅಡಿಯಲ್ಲಿನ ಸ್ವಾಯತ್ತ ಸಂಸ್ಥೆ )  
**BMS** INSTITUTE OF TECHNOLOGY & MANAGEMENT  
(Autonomous Under VTU)

Department of Physics  
Register yourself for an Open Course

### **Current Trends in Nanoscience and**



**Date: 12.06.23 - 16.06.23**  
**Venue : Advanced Materials Lab, BSN**



#### **This Open Course explores about Nanoscience and Nano-engineering**

- ❖ Interdisciplinary fields, involves the study and manipulation of materials and systems in nanoscale level.
- ❖ Interesting field for the budding engineers.
- ❖ In nanotechnology, nanomaterials and nanofabrication techniques can be useful.
- ❖ Beneficial to gain hands-on experience through internships and research opportunities.
- ❖ Provides the job opportunities and start-up companies in near future.

**Convener:** Dr. Lokesh R, HoD Physics  
**Contact for the Registration:-**

- ❖ Dr. Daruka Prasad B, (9535100437)
- ❖ Dr. Ashwini K R, (9844529596)

**Course registration at <https://projects.bmsit.ac.in>**  
**Online Fee Payment Details:**

- 1. Login into: <https://bmsitm.gnums.in>**
- 2. Go to Menu Fee->other Fee**
- 3. Select the Fee Head as Open Course fee and pay Rs. 400/-**

***BMS Institute of Technology and Management***  
***Department of Physics***

**Course Schedule: *Current Trends in Nanoscience and Engineering - 2022-2023***

<b>Day/Date</b>	<b>Seession 1 (8.30 am to 10.30 am)</b>	<b>Tea break</b>	<b>Seession 2 (10.50 am to 12.50 pm)</b>	<b>Lunch break</b>	<b>Seession 3 (1.50 pm to 4.00 pm)</b>	<b>4.00pm-4.30pm</b>
Monday 12/06/2023	Inauguration Title : “Nanomaterials in Gas and humidity sensors” Dr. Dhananjaya N, Professor, Dept. of Physics, BMSIT & M.	10.30 am to 10.50 am	Title : “Market applications of graphene and its related materials” Dr. Kavitha C, Associate Professor, Dept. of Physics, BMSIT & M.	12.50 pm to 1.45 pm	Title : “Python in nanoscience” Dr. Daruka Prasad, Assistant Professor, Dept. of Physics, BMSIT & M.	Assessment and Feedback
Tuesday 13/06/2023	Title : “Nanomaterials in display devices and sensors” Dr. Yashaswini Assistant Professor, Dept. of Physics, BMSIT & M.		Title : “Nanomaterials in Advanced forensic applications” Dr. Basavaraj R B Assistant Professor, Dept. of Physics, BMSIT & M.		Title : “Electrochemical sensors as an enhanced sensing platform for nanomolar detection” Dr. Jyothi Abbar, Associate professor, HoD, Dept. of Chemistry, BMSIT & M.	Assessment and Feedback
Wednesday 14/06/2023	LAB VISIT					Assessment and Feedback
Thursday 15/06/2023	“Nanomaterials synthesis and its luminescence properties” Dr. Ashwini K R Assistant Professor, Dept. of Physics, BMSIT & M.	10.30 am to 10.50 am	Title : “Chromisim and its applications” Dr. Suresh Kumar, Assistant professor, Dept. of Chemistry, BMSIT & M.	12.50 pm to 1.45 pm	Title : “latest trends in Lithium ion battery and their applications” Dr. Ravichandra K R Assistant professor Professor, Dept. of ME, BMSIT & M.	Assessment and Feedback
Friday 16/06/2023	Title : “Nanomaterials in battery applications” Dr. T. Ramakrishnappa, Professor, Dept. of Chemistry, BMSIT & M.		Hands on session in R&D Synthesis of nanomaterial by wet chemical method,		Assessment and Feedback	valedictory