



# BMS

## INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

### DEPARTMENT OF PHYSICS

<b>Event Name</b>	Five days Faculty Development Programme
<b>Topic</b>	Smart Materials and their Emerging Technologies
<b>Date</b>	26 <sup>th</sup> – 31 <sup>st</sup> July 2019
<b>Event Name</b>	Seminars / Expert Talks by our faculty members
<b>Highlights of the event</b>	<ul style="list-style-type: none"><li>➤ Live demonstrations from BMSCE external lab visit.</li><li>➤ Distinguished scientists from premier institutions have given invited talks.</li></ul>
<b>Number of Participants benefited with this</b>	External candidates: 25 Numbers and Internal candidates: 12 Numbers.
<b>Day wise session details</b>	<p><b>Day 1:-</b> Prof <b>S Sampath, IISc</b> delivered the keynote address on 26th July 2019 and he gave the importance of Two Dimensional Layered Materials: Applications and Challenges. The second session was by <b>Dr. C. Kavitha, BMSIT&amp;M</b>, explained about the Synergic properties of carbon based smart materials and their versatile applications. The day was ended with the third session by <b>Dr. Ramesha A.R, RL Fine Chem Pvt. Ltd</b> and he explained about Current Societal requirement of Industry-Academica interface.</p> <p><b>Day 2:-</b> Second day was started with the lecture by <b>Dr. Chandrashekar Rout, Jain University</b> explained about 2D-Materials for Energy storage devices. Second lecture was by <b>Dr. Daruka Prasad, BMSIT&amp;M</b> explained about the Non-destructive characterization for soft materials.</p> <p><b>Day 3:-</b> First session of this day was by <b>Dr. Gurumurthy Hegde, BMSCE, Bengaluru</b> explained about the Waste to Wealth based smart Materials . The whole day was utilised for BMSCE R&amp;D centre lab visit.</p> <p><b>Day 4:-</b> <b>Dr. Bivas Saha, JNCASR</b> explained about Metal/Semiconductor Superlattices: A New Paradigm in Solid State Energy. Second lecture was by <b>Dr. Shivakumar, IISc, Bangalore</b> explained about Nano and Multi functional materials. Third lecture was given by <b>Dr. H.S.S. Ramakrishna Matte, CeNS</b>. He explained about Understanding the Role of Molecular Interactions for Next Generation Opto-Electronic Devices.</p> <p><b>Day 5:-</b> This day was started with the talk by <b>Dr. Dhananjay N, BMSIT</b>, Talking about advanced materials for white LEDs and second lecture on intellectual properties on materials was given by <b>Dr. T.N. Praveen, BMSIT</b>. After this the FDP was ended with the valedictory session.</p>

