



Wayanamac Education Trust®
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Mysuru Road, Bengaluru – 560074
Department of Chemistry



Academic Year: 2024-25

**NAME OF THE EVENT: One Day Endowment Seminar on Energy Saving Servo Drive Solutions
Plastic Injection Mouldings**

**Organized by: Indian Plastic Institute & Department
of Chemistry**

Date: 23RD AUGUST 2024

Resource Person Name: Sanjay Shah

For Students

No. of Participants: 15



Event Description:

The programme was initiated with Invocation song followed by welcome gathering by Sri. Vijay Kumar, Chairman IPI, Bangalore. Then session given to Resource person and sir was highlighted about his company followed by given talk about Energy Saving Servo Drive Solutions Plastic Injection Mouldings. Bharat Bijlee (BSE: 503960, NSE: BBL) is a leading Electrical Engineering company based in India. The company caters to a spectrum of industries and the builders of the nation's infrastructure: power, refineries, steel, cement, railways, machinery, construction and textiles.

NAME OF THE EVENT: Research Internship Programme on Nanomaterial synthesis and its applications

Organized by: Department of Chemistry

Date:08-13TH JULY 2024

Resource Person Name: Dr. Ramesh K B

For Students

No. of Participants: 14



Event Description: Research Internship Programme refers to the attribute of investigation, analysis and interpretations in a scientific and objective method that facilitates to uncover facts and present an individual viewpoint in an organized manner. Research internship aims to providing hands-on training to work on research tools, techniques, methodologies, equipment, policy framework and various other aspects in pursuing quality research in Nanomaterials. DBIT organizing Research Internship for B.Sc. students for gaining knowledge in Nanomaterial synthesis and its applications in Environmental remediation.

Academic Year: 2023-24

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| NAME OF THE EVENT: Skill Development Programme on Synthesis of Multifunctional Nanomaterial And Applications | |
| Organized by: Department of Chemistry | Date: April 23 rd – 25 th 2024 |
| Resource Person Name: Dr. Shashank M | For Students |
| No. of Participants: 200 | |
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Event Description:

Skill development is on synthesis, characterization and analysis of the nanomaterials. Nanolearning is an innovative approach to education that breaks down complex topics into bite-sized, easily digestible pieces. This method is particularly effective in today's fast-paced world, where attention spans are shorter, and the need for rapid skill acquisition is greater. By delivering content in short bursts, nanolearning helps maintain learners' attention and improves retention. Focused on specific, actionable skills that can be immediately applied in real-world scenarios. Allows learners to engage with the material at their own pace and convenience

NAME OF THE EVENT: Optoelectronic Materials & Memory Devices

Organized by: Department of Chemistry

Date: May 28th 2024

Resource Person Name Dr. Nagaraju Ganganagappa

For Students

No. of Participants: 120

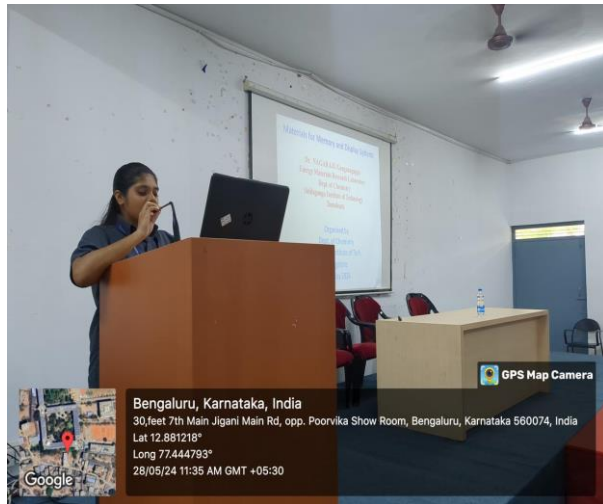


Event Description:

On 28 May 2024, Don Bosco institute of technology conducted a seminar on Optoelectronic Materials & Memory Device by Dr. Nagaraju Ganganagappa Assoc.Professor, at Energy Materials Research Laboratory, Dept. of Chemistry, Siddaganga Institute of Technology, Tumakuru. Students got the knowledge about display system especially about Liquid Crystal Display [LCD] and memory devices. LCD is a flat panel display system that is primarily seen in Television and computer screens, which is also used by cell phones presently. Such LCDs are entirely different from the previous CRT displays and it utilizes liquid crystals as their primary mode of operation rather than cathode rays.

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| NAME OF THE EVENT: Past, Present And Future Of Battery Technology | |
| Organized by: Department of Chemistry | Date: May 28 th 2024 |
| Resource Person Name Dr. Nagaraju Ganganagappa | For Students |

No. of Participants: 120



Event Description:

On 28 May 2024, Don Bosco institute of technology conducted a seminar on Past, Present And Future Of Battery Technology by Dr. Nagaraju Ganganagappa Assoc.Professor, at Energy Materials Research Laboratory, Dept. of Chemistry, Siddaganga Institute of Technology, Tumakuru. Students got the knowledge about battery technology life cycle and its working nature by changing the cathode or anodic system along with the electrolyte. He also spoke about recycling of battery systems

Academic Year: 2022-23

NAME OF THE EVENT: SYNTHESIS OF NANO-MATERIALS AND IT'S APPLICATION

Organized by: Department of Chemistry

Date: 31st August – 2nd September

Resource Person Name : **Dr. Shashank M**

For Students

No. of Participants: 150



Event Description:

Skill development is on synthesis, characterization and analysis of the nanomaterials. Nanolearning is an innovative approach to education that breaks down complex topics into bite-sized, easily digestible pieces. This method is particularly effective in today's fast-paced world, where attention spans are shorter, and the need for rapid skill acquisition is greater. By delivering content in short bursts, nanolearning helps maintain learners' attention and improves retention. Focused on specific, actionable skills that can be immediately applied in real-world scenarios. Allows learners to engage with the material at their own pace and convenience changing the cathode or anodic system along with the electrolyte. He also spoke about recycling of battery systems

NAME OF THE EVENT: Technical Seminar on Covert Communications

Organized by: Department of Chemistry

Date: 06th August 2022

Resource Person Name : **Dr. K B Shiva Kumar**

For Students

No. of Participants: 92



Event Description:

Dr. K B Shiva Kumar Professor and HOD of Department of CSE started his seminar with a basic information about the communication and later continued with a main topic - "Covert communication", the session was very interesting, he also showed a few videos about the ways of communication. He discussed a few things about secret ways of communication like analog and digital, He stated some of the quotes to witness the examples. Totally the session was lively and interactive. Oral feedback are received from the students

Academic Year: 2021-22

NAME OF THE EVENT: Skill development program on Soap Synthesis

Organized by: Department of Chemistry

Date: March 21 – 25th 2022

Resource Person Name: Dr. J P Shubha

For Students

No. of Participants: 300



Event Description:

Livelihood opportunities are affected by supply and demand side issues. On the supply side, India is failing to create enough job opportunities; and on the demand side, professionals entering the job market are lacking in skill sets. This is resulting in a scenario of rising unemployment rates along with low employability, attention and improves retention. Focused on specific, actionable skills that can be immediately applied in real-world scenarios. Allows learners to engage with the material at their own pace and convenience. In accordance with that, Department of Chemistry has organized a skill development program on Soap Synthesis for the first-year students.

NAME OF THE EVENT: Electrochemistry of Metal Ion Batteries

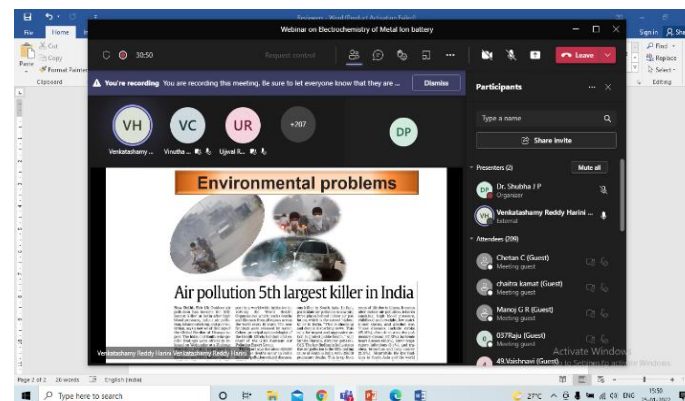
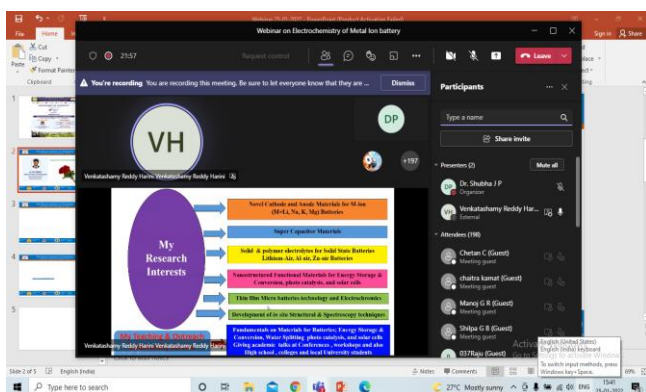
Organized by: Department of Chemistry

Date: 25-01-2022

Resource Person Name: Mr M V Reddy

For Students and Faculty

No. of Participants: 50



Event Description:

M V Reddy delivered a talk on Electrochemistry of Metal ion batteries. The webinar was hosted on 25th January 2022 from 3.30 PM to 5.00 PM at DBIT Campus. Around 146 Students various departments participated actively in the interactive session. He also suggested the students to keep in touch with the alumni of the college. And stressed that good education, decency, good attitude, and communication skills are important aspects for a successful career