



BVRIT HYDERABAD College of Engineering for Women

(UGC Autonomous Institution | Approved by AICTE | Affiliated to JNTUH)
(NAAC Accredited – A Grade | NBA Accredited B. Tech. (EEE, ECE, CSE and IT))
Bachupally, Hyderabad - 500 090

Name of the Event: International One-Week Online Faculty Development Program on "Innovations in High-Performance Materials for Sustainable Energy and Environmental Impacts"

Date (s) of Conduction: 29-04-2024 to 04-05-2024

Name of the Resource Person with Details (if any)

| S. No. | Name of the Speaker | Affiliation |
|--------|---------------------------|---|
| 1 | Dr. Sabu Thomas | Vice-Chancellor, MGU, Kerala |
| 2 | Dr. Taylor D Sparks | Associate Professor of Materials Science & Engineering University of Utah, USA |
| 3 | Dr. Subash Gopinath | Professor, FKTKimia & Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), Malaysia |
| 4 | Mr. Girijan Menon | Consultant - Product Support at Toshvin Analytical Pvt.Ltd., Mumbai |
| 5 | Dr. M. Jeevan Kumar Reddy | Research Professor, Korea National University of Transportation, South Korea |
| 6 | Dr. Gyanendra Sharma | Assistant Professor, Kanazawa University, Kanazawa Ishikawa Japan |
| 7 | Dr. T. Jayaraman | Research Professor, Brain Pool Fellow, Gyeongsang National University, Jinju, South Korea |
| 8 | Dr. Pratap Kollu | Assistant Professor, CASEST, School of Physics, University of Hyderabad, Hyderabad |

No. of Participants: 195 (National = 194 & International = 1)

Organized by: Department of Basic Sciences & Humanities, BVRIT HYDERABAD College of Engineering for Women

About the Event:

Department of Basic Sciences and Humanities, BVRIT HYDERABAD College of Engineering for Women organized International One-Week Online Faculty Development Program on "Innovations in High-Performance Materials for Sustainable Energy and Environmental Impacts" from 29th April to 4th May, 2024. The primary objective of this FDP is to provide exposure in the current field of scientific advancement leading to technological innovations in High-Performance Materials for Sustainable Energy and Environmental Impacts. The focus will be on the basics, advances, and applications to benefit distinct people from the academic and research community who are associated with the various disciplines of science and engineering. Keynote speakers will be eminent professors from reputed institutes from the world.

Inauguration Session

This session starts with the welcome words and overview of the FDP by the Convener Dr. Anji Reddy Polu, Department of Physics, BVRIT HYDERABAD. Then, the general chair Dr. Anita, HoD, Department of Basic Sciences & Humanities, BVRIT HYDERABAD, enlightened the audience with her wisdom words on the importance of the event. Then it was the turn to introduce the keynote speaker by Dr. V. Madhavi, Department of Chemistry, BVRIT HYDERABAD.

| S. No. | Name of the Speaker | Title of the talk | Date & Time |
|---------------|----------------------------|--|---|
| 1 | Dr. Sabu Thomas | Circular Economy: New Opportunities in Sustainable Nano Materials and Polymer Bio-Nanocomposites | 29 th April & 9.45 AM to 11 AM |
| 2 | Dr. Taylor D Sparks | Why does humanity need new energy materials, and where will we find them? | 29 th April & 7.30 PM to 8.30 PM |
| 3 | Mr. Girijan Menon | GC-MS: A powerful analytical technique for Environmental Applications | 30 th April & 10 AM to 11.30 AM |
| 4 | Dr. Gyanendra Sharma | Cellulose Pretreatment and Modification in Ionic Liquids | 1 st May & 2 PM to 3 PM |
| 5 | Dr. Pratap Kollu | A Potential Game-Changer for Sustainable Energy Storage: Sodium-Ion Batteries | 2 nd May & 10.30 AM to 11.30 AM |
| 6 | Dr. Subash Gopinath | Sustainable Green Nanomaterials for Bioscience and Zero Waste Management | 2 nd May & 2 PM to 3 PM |
| 7 | Dr. T. Jayaraman | Pulsed laser induced electrocatalytic functional materials for clean energy | 3 rd May & 3 PM to 4 PM |

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| 8 | Dr. M. Jeevan Kumar Reddy | 2D MXene Materials for the Energy Storage and Conversion | 4 th May & 3 PM to 4 PM |

Participants from two different countries India, Saudi Arabia and from 16 states in India registered for this program. Sincere thanks to Management and Principal madam for giving an opportunity.

Session was conducted through Microsoft teams. Feedback was collected everyday along with Quiz questions. Around 150 participants took part on eachday.

Photos



Fig. Inauguration of the FDP

Day 1:



Fig: Talk by the Dr. Sabu Thomas



Fig: Talk by the Dr. Taylor D Sparks

Day 2:

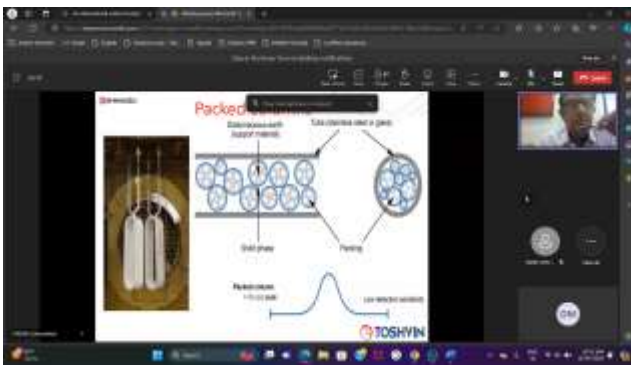


Fig. Talk by the Mr. Girijan Menon

Day 3:



Fig. Talk by the Dr. Gyanendra Sharma

Day 4:



Fig. Talk by the Dr. Pratap Kollu



Fig. Talk by the Dr. Subash Gopinath

Day 5:



Fig. Talk by the Dr. T. Jayaraman

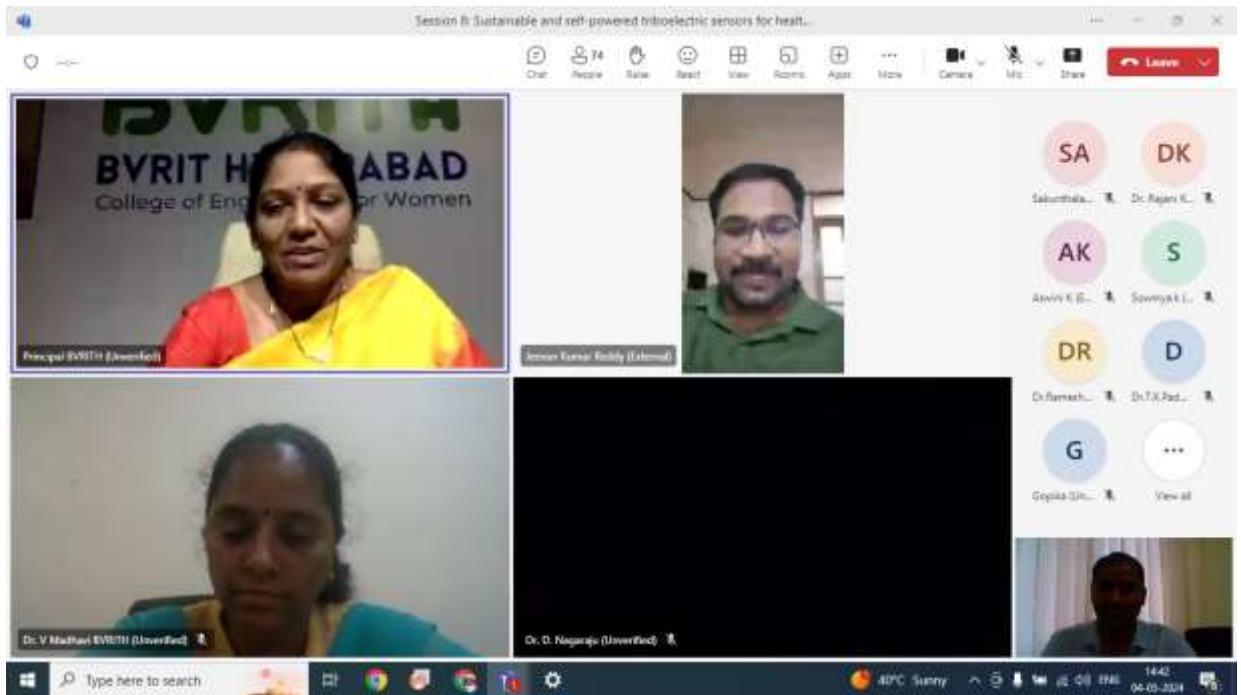
Day 6:



Fig. Talk by the Dr. M. Jeevan Kumar Reddy


Valedictory Session:


This session started as an Overview of the workshop by the convener Dr. Anji Reddy Polu. On the same lines our respected principal madam Dr. K V N Sunitha, BVRIT HYDERABAD congratulated the organizers and participants for a wonderful event and also thanked all the speakers and participants. Feedback was also taken by the conveners which was very much satisfactory. Dr. V. Madhavi Convener of the workshop gave vote of thanks.



Conveners

1. Dr. Anji Reddy Polu 

2. Dr. V. Madhavi 


Dr. M. Anita

HoD, Department of Basic Sciences & Humanities