

## FOUNDER CHANCELLOR Dr. A. SHANMUGASUNDARAM AWARD

Award/ Place	Name of the participant	Name of the Institute	Title of the Paper
1.	<b>Mr. Yeryeong Lee</b>	Department of Chemistry (BK21 FOUR), Research Institute of Natural Sciences, GNU, Republic of Korea	Enhancing oxygen generation efficiency with dual laser synthesized $\text{Co(OH)}_2/\text{rGO}$ catalyst
2.	<b>Ms. Namuni Sneha</b>	Department of Physics, School of Electrical and Electronics Engineering, SASTRA Deemed to be University, Thanjavur	Fabrication of wearable supercapacitors through layer-by-layer approach
3.	<b>Ms. Vanita. D. Revankar</b>	Department of Conservative Dentistry & Endodontics, Vinayaka Mission's Sankarachariyar Dental College, Vinayaka Mission's Research Foundation, Salem	Effect of biomineralization ability on human tooth enamel using customade marine skeletal extract of <i>Perna viridis</i> & <i>Penaeus monodon</i> : An <i>in vitro</i> evaluation

## BEST PAPER PRESENTATION AWARD

S. No	Name of the participant	Name of the Institute	Title of the Paper
1.	<b>Ms. S. Shahitha</b>	Department of Microbiology, Muthayammal College of Arts & Science, Rasipuram	Molecular docking studies of carotenoids obtained from <i>Halobacterium</i> species from solar salt pans, Tamilnadu
2.	<b>Mr. G.K. Kaviraj</b>	Department of Biochemistry, Dr. N. G. P. Arts and Science College, Coimbatore	Developing sulfur-doped titanium oxide nanoparticles loaded chitosan-based proangiogenic dressings for chronic ulcer and burn wound healing
3.	<b>Mr. V. Ashok Prasath &amp; Team</b>	Department of Biotechnology, Vinayaka Missions Kirupananda Variyar Engineering College, Salem	Green synthesis of zinc oxide nano particles from <i>Azadiracta indica</i> and <i>Phyllanthus niruri</i> and its pharmacological properties

4.	<b>Mr. Harshit Mittal</b>	Chemical Engineering Department, Guru Gobind Singh Indraprastha University, Dwarka, Delhi	Carbon dioxide capture (utilisation and sequestration) industrial scale-up analysis in aqueous L-histidine towards sustainable technologies
5.	<b>Ms. J. Archana &amp; Team</b>	Department of Biotechnology, Vinayaka Mission's Kirupanandha Variyar Engineering College, Salem	Synthesis and characterization of keratin and carbon dot utilizing hair fibre
6.	<b>Dr. Susanta Kumar Bhunia</b>	Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology, Vellore	Bright red fluorescent amphiphilic carbon dots as dualphase and visual sensor for selective detection of As <sup>3+</sup> in aqueous environment
7.	<b>Ms. S. Dhivya &amp; Team</b>	Department of Pharmaceutical Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem	Green synthesis, spectral characterization, Hirshfeld surface, DFT and in-silico molecular docking and ADMET studies of symmetrical azine derived from cinnamaldehyde
8.	<b>Sachin Kumar</b>	Polymer and Process Engineering, Indian Institute of Technology Roorkee, India	Upcycling of industrial waste fly-ash for developing reinforced polymer composites
9.	<b>Mr. J. Jayaprakash</b>	Department of Pharmaceutical Analysis Vinayaka Missions College of Pharmacy, Vinayaka Missions Research Foundation, Salem	Method development and validation of lercanidipine in human plasma by using LC-MS/MS and comparison of PKPD parameters of lercanidipine and its enantiomers
10.	<b>Ms. P. Gokul Priya &amp; Team</b>	Department of Pharmaceutical Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem	Formulation and optimization of jelly from royal jelly, estimation and evaluation of its viability, nutrients and sensory properties in probiotic jelly

11.	<b>Ms. Kanimozhi Kanabiran</b>	Department of Electrical and Electronics Engineering, NPR College of Engineering and Technology, Dindigul	Programmed solar panel purgation based on piezoelectric effect
12.	<b>Ms. Mithra &amp; Team</b>	Vinayaka Mission's Sankarachariyar Dental College Vinayaka Mission's Research Foundation, Salem	Radiographic and histologic assessment of eggshell derived hydroxyapatite as a bone graft substitute in extraction sockets
13.	<b>Dr. R. Parameswari</b>	UGC-DSK Post Doctoral Fellow, Department of Biotechnology, Thiruvalluvar University, Vellore	Identification of essential elements and their impact on seminal protein integrity influenced spermatozoa quality - A prospective cum <i>Insilico</i> study
14.	<b>Mr. R.I. Bhuvaneesh</b>	Department of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai	Pyrene-sensitized solar cells: Rational design, structure-property relationships and photovoltaic properties
15.	<b>Mr. K. Kishore &amp; Team</b>	Department of Pharmaceutical Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem	Formulation and evaluation of multi millet milk with antidiabetic potential
16.	<b>Ms. M. Divya Meenakshi</b>	Department of Physics, National Institute of Technology, Tiruchirappalli	Reflux-assisted heteroatom doping of carbon nanofibers with superior electrochemical performance
17.	<b>Ms. I. Thasin</b>	Department of Pharmacy Practice, Vinayaka Mission's College of Pharmacy, Vinayaka Mission's Research Foundation, Salem	Antitubercular nanocarrier monotherapy: Study of in silico molecular docking and invitro efficacy of repurposed antiviral drug