

POSTER PRESENTATIONS SCHEDULE

DAY 2 (24/11/2020)

10.00 AM – 5.00 PM

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1.	Activated Carbon as Positive Electrode Material for Lithium Ion Capacitor <i>Anugraha M.G, Arjun K. Udayan, Abraham P.A, Rani Panicker N, N.C.Pramanik, Stanly Jacob K*</i>	PP-ES-182	24
2.	Electrochemical Impedance Spectroscopic Analysis of Carbon Aerogel Based Supercapacitor <i>Aravind Madanan, Vishnuprasad V, Ajithkumar P J, Nithin. K, Sumesh K.R, Haritha Venu, Abraham P.A, Rani Panicker N, Stanly Jacob K*, A. Seema*</i>	PP-ES-183	25
3.	Importance of Positive Electrode Composition on Performance of Lithium Ion Capacitor <i>Arjun K. Udayan, Anugraha M.G, Abraham P.A, Rani Panicker N, N.C.Pramanik, Stanly Jacob K*</i>	PP-ES-184	26
4.	DFT study of enhancing full coverage of Li, Na, and K layer adsorption on the Cr₂C MXene (2D monolayer) with their functional groups (T= O, F, and OH): a promising battery applications <i>A. Aseema Banu, J. Vigneshwaran, K. Vinoth Kumar, Sujin P. Jose</i>	PP-ES-195	27
5.	Utilization of multi-Source Electrical Energy for Electrical Vehicles Battery Charging Using Buck-Boost Converters <i>Anil Gottimukkula*, Satyanarayana. M*, K.Sreedevi*</i>	PP-ES-254	28
6.	Flexible 2D MXene Based Gas Sensor for Sensitive Detection of Ammonia <i>Sahil Gasso, Manreet Kaur Sohal, Aman Mahajan*</i>	PP-MB-131	49

7.	Spectroscopic Ellipsometry of Zinc Oxide Based Thin Films: A Review <i>Ananya Kote M*, Prasad Kumar, S. M. Dharmaprakash</i>	PP-MB-134	50
8.	Synthesis of Gold/Palladium Alloy by Pulsed Laser Irradiation in Liquid Phase and their Electro Catalytic Performance <i>Kim Jiwon, Yiseul Yu, Seung Jun Lee, Theerthagiri Jayaraman, Myong Yong Choi*</i>	PP-MB-208	50
9.	An Overview of Protagonist Technologies of Nanomaterials in the Wastewater Treatment <i>R. Sivarethinamohan, S. Sujatha</i>	PP-MB-210	51
10.	Comparative study of Antimicrobial and Antibiofilm Activity of Silver Nanoparticles and Curcumin Nanoparticles against UTI Causing Colistin Resistance E.Coli and Presenting Zebrafish as a Potent Vertebrate Tool to Evaluate Drug Toxicity and Efficacy <i>K. Jagathy, S. Malathi*</i>	PP-MB-250	52
11.	Experimental Investigation on Humidity Control Using Novel Nano Desiccants for Pharmaceutical Applications <i>Harish Kumar U, Imran Hussain S, Kalaiselvam S</i>	PP-MB-260	53
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13.	Experimental And Theoretical Studies of Synthetic Biomaterial 2,3,5,6-Tetrafluoro-4-Pyridinecarbonitrile <i>M. Sony Michael Mary, R. Racil Jeya Geetha, M.Amalanathan</i>	PP-MB-270	55
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15.	Linear and Nonlinear Optical Studies of Synthesized Chalcone Derivatives <i>V. Ramkumar, S. Anandhi, T.S. Shyju, R. Sriharan</i>	PP-MB-280	56
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