 **4th NATIONAL CONVENTION ON HYDROGEN ENERGY AND ADVANCED MATERIALS**

**Registration Details**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Paper ID** | **Paper title** | **Author Name** | **Email ID/Contact No.** | **Institute** |
| **Technical Session –I Hydrogen & Advanced Materials** | | | | | |
| **1** | NCHEAM 32 | A review on hydrogen and methane production using anaerobic digestion | **Khushboo Kumari**, S. Suresh and S. Arisutha | [sureshpecchem@gmail.com](mailto:sureshpecchem@gmail.com) | Chemical Engg Dept,  MANIT, BHOPAL |
| **2** | NCHEAM 42 | A concept of retardation of Jet planes on Warships by using capillarity spring mechanism | Teja Dadi | tejaeinstein007@gmail.com | Department of Mechanical Engineering, Avanthi Institute of Engineering @Technology,  Makavarapalem, Visakhapatnam |
| **3** | NCHEAM 43 | Experimental investigation of wear property of polypropylene composite reinforced with cnt/mmt | R.Ashokgandhi, B.K.Raghunath, K.Palanikumar,  G.Swaminathan, **V.Jayaseelan** | [ashokgandhir@gmail.com](mailto:ashokgandhir@gmail.com)  [jaiseelanv@gmail.com](mailto:jaiseelanv@gmail.com) | Assistant Professor, Dept of Mechanical Engg., SriSai Ram Engineering college, Chennai,  Assistant Professor, Dept of Manufacturing Engg., Annamalai University, Chidambaram,  Professor and Principal Sri Sai Ram Institute of Technology, Chennai,  Associate Professor, Dept of Mechanical Eng, Prathyusha Institute of Tech., and Management, Chennai. |
| **4** | NCHEAM 45 | Development of Environmental Friendly Engines Through Analysis of Tumble Flow, Tumble Ratio and Turbulent Kinetic Energy of Engine -An Experimental Investigation | **Murali Krishna. B**  J. M. Mallikarjuna | [murali2kindia@gmail.com](mailto:murali2kindia@gmail.com) | Department of Mechanical Engineering, Sri Sivani College of Engineering, Srikakulam,  AP-532402, Internal Combustion Engine Laboratory, Department of Mechanical Engineering  Indian Institute of Technology Madras, Chennai - 600036, India |
| **5** | NCHEAM 47 | Design and Process development of Polymeric material for Floating Solar PV plants | Alok K Sahu,  Sairaj Adithyakumar Varma ,  K. Sudhakar | Email : [alokksahu@yahoo.co.in](mailto:alokksahu@yahoo.co.in) | Central Institute of Plastics Engineering & Technology (CIPET), Dept. of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India,G Sector, Govindpura, J K Road  Bhopal - 462 041, M. P, India. |
| **6** | NCHEAM 49 | Experimental Validation of Absorbance of Dyes for Application in DSSC | Vipinraj Sugathan,  Elsa John,  K Sudhakar,  **Jogi Paul** | [jogipaul6191@gmail.com](mailto:jogipaul6191@gmail.com) | Energy Centre,  MANIT, BHOPAL |
| **7** | NCHEAM 51 | “Experimental investigations on a CI engine using the HHO gas produced from a dry cell electrolyser | P**.V. Manu,** Dr. S. Jayaraj & Dr. Ramaraju | [pvmanu@nitc.ac.in](mailto:pvmanu@nitc.ac.in) | Mechanical Engineering Department, NIT Calicut. |
| Technical Session –II Green & Sustainable Energy Sources | | | | | | |
| **8** | NCHEAM 31 | Bio-conversion of temple/ floral wastes using anaerobic digester" | Shuchi Mittal, **Anviti Chaurasiya**, Khushboo Kumari, S. Arisutha and S. Suresh | [sureshpecchem@gmail.com](mailto:sureshpecchem@gmail.com) | Chemical Engg Dept,  MANIT, BHOPAL |
| **9** | NCHEAM 33 | Comparative study of catalytic and non-catalytic tyre pyrolysis oil in Diesel engine application: An overview | **Priti Yadav,** **Titiksha Joshi**, Bharat Modhera | bharatkumar\_modhera@yahoo.com | Chemical Engg Dept,  MANIT, BHOPAL |
| **10** | NCHEAM 34 | Design & feasibility analysis of renewable energy solar panels | DDr. Utpal Kumar Nandy**, Ar. Antara Nandy** | [bubuildersconsultants@gmail.com](mailto:bubuildersconsultants@gmail.com) | B.U. Builders & Consultants Pvt. Ltd |
| **11** | NCHEAM 35 | Integrated Microbial Fuel cell: An Experimental Approach | **Abhinav Rai, Sachin Koshti,** S. Arisutha and S. Suresh | [sureshpecchem@gmail.com](mailto:sureshpecchem@gmail.com) | Chemical Engg Dept,  MANIT, BHOPAL |
| **12** | NCHEAM 44 | Schemes for Generation of Electricity using Bio-Waste | **Shashank H,Anshitha** Nambiar  Rahath Afroz  Aravind D.L.  B.P.Divakar  D.V.Krishna Kumar | shashankhg@gmail.com | REVA UNIVERSITY  DECIMA Engineering Works |
| **13** | NCHEAM 46 | Cashew nut shell liquid and diesel blends as alternative fuel for diesel run engines–an experimental study | **Murali Krishna. B**  J. M. Mallikarjuna | [murali2kindia@gmail.com](mailto:murali2kindia@gmail.com) | Department of Mechanical Engineering, Sri Sivani College of Engineering, Srikakulam,  AP-532402, Internal Combustion Engine Laboratory, Department of Mechanical Engineering  Indian Institute of Technology Madras, Chennai - 600036, India |
| **14** | NCHEAM 50 | An alternate clean energy source from dilute and unusable Biomass for better tomorrow | **Mr. Dayaghan S. Rane**\*,  Mrs. Madhuri A. Patil | E-mail: dsrane07@gmail.com | Dadasaheb Devidas Namdeo Bhole College, Bhusawal, Dist: Jalgaon (M.S) |