

# CHEMICAL ENGINEERING DEPARTMENT ACADEMIC ACHIEVEMENTS

## Faculty Achievements

- Total 23 number of Research Papers Published by various Faculty members in National & International Journals.
- Total 22 number of Research Papers Presented by various Faculty members at International and National Conferences / Seminars.
- Dr. P. Madhuri received Best Oral Presentation Award in a Two Day National Workshop cum Seminar at IPPTA-Indian Pulp & Paper Technical Association, November 8<sup>th</sup> and 9<sup>th</sup>, 2019.
- Mrs Harsha Nagar received Best Paper Presentation Award in Recent Advances in Chemical Engineering (RACE) International Conference organized at OU, Hyderabad, 8<sup>th</sup> -9<sup>th</sup> Jan 2020.
- Dr. P. V. Naga Prapurna, Associate Prof. Won certificate for participation in World Book of Records, United Kingdom and contributed a book chapter in the “Thickest book in the world comprising of 11,796 pages”, which was brought out by ESN publications, Tamilnadu, India on 30<sup>th</sup> January, 2021.
- Dr Harsha Nagar, Assistant Prof. WON “M. P. Chary Memorial Medal” as outstanding chemical engineer for the year 2020 which was given by “Indian Institute of Chemical Engineers, Kolkata at Hyderabad on 27<sup>th</sup> December, 2020
- Total 40 Faculty Development Programs, 13 Short Term Training Programs attended by various Faculty members.
- Total 97 Leadership talks, 139 Webinars and 17 Workshops has been attended by the faculties.
- Different Technical Courses from Coursera, NPTEL and Swayam portal have been attended by the faculties.
- Dr. P. V. Naga Prapurna, was Jury member in “Women Scientists' and Entrepreneurs' Conclave” conducted as part of ‘India International Science Festival (IISF-2020)’ organised by Ministry of Science and Technology, Ministry of earth sciences, Ministry of Health and Family welfare, Government of India in collaboration with Vijnana Bharathi (VIBHA), CSIR, India, during Dec 22<sup>nd</sup> to 25<sup>th</sup>, 2020.

## Student Achievements

- Pojitha Reddy, Keerthana Reddy, Hanusha Duriseti, Madhuri Pydimalla, Optimization of Base Catalysts for Biodiesel Production from Jatropha curcas oil, International Journal of Innovative Science and Modern Engineering (IJISME), ISSN: 2319-6386, Volume-6 Issue-7, May, 2020.

- K. Samhitha Reddy, V. Shreya Reddy, Sujitha. J, Madhuri Pydimalla, Characterization of Surface Coating Techniques for Improved Performance, International Journal of Inventive Engineering and Sciences (IJIES) ISSN: 2319-9598, Volume-5 Issue-9, May 2020.
- Hanusha Durisetty, Kiranmai Palcham, K. Prasad Babu, The Concrete Incorporated With Zeolite for Reducing Atmospheric Carbon Dioxide, International Journal of Innovative Science and Modern Engineering (IJISME), ISSN: 2319-6386, Volume-6 Issue-7, May, 2020
- M. Srilekha, T. Sai Prafulla, P. Chinmayi, published a scopus index research paper under the guidance of Dr B Sreedhara Rao and Dr. S. Kishore Kumar on " Heat Transfer Enhancement of Ethylene Glycol using Corrugated Plate Heat Exchanger" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-4, February 2020.
- Anjani Mamidala, Akanksh Mamidala, P.V.Naga Prapurna, Effect of Ice Sheet Depletion due to Global Warming in Antarctica and Arctic, accepted for publication in Ecology, Environment and Conservation, in 2020 (2) Issue. (Ref.No. EEC-4410).
- Tallam Aarti, Bairy, S., Kalakuntala, R., Naga Prapurna P.V, Srinath Suranani, Kinetic Modeling of Citrullus Lanatus (Watermelon) Peel Using Thermo Gravimetric Analysis, Chemical Product and Process Modeling, (CPPM), De Gruyter, Published Online: 2020-01-18 (ahead of print), DOI: <https://doi.org/10.1515/cppm-2019-0076>
- Anjani Mamidala, Akanksh Mamidala, Dr. P. V. Naga Prapurna, Effects and adaptability due to climate change in developing countries, International Journal of Innovations in Engineering and Technology, IJIET, 14(04), 01-10, Nov 2019.
- Anjani Mamidala, Akanksh Mamidala, P.V. Naga Prapurna, Transparent Solar Cells as Economic and Effective Alternative in the Field of Excitonics, International Journal of Recent Technology and Engineering, 7(5S3), 115-119, May 2019.
- P. Chinmayi, Ch. Keerthana Reddy, P. Meena, T. Sai Prafulla, M. Srilekha, S. Kishore Kumar and B. Sreedhar Rao received first prize in Best Working Model during Research Day on the topic entitled "Heat Transfer Studies in a Corrugated Plate Heat Exchanger using Ethylene Glycol as Test Fluid".

- G. Lokesh, Chaitanya vamshi, Tharunesh, Dr. B.Ganesh received second prize in Best Working Model during Research Day on the topic entitled “Fuel Oil from Plastic Waste”.
- V. Chaitanya, M. Nagaraju, B. Solmon Raju, K. Sri Hari, P. Madhuri received Best Poster Award during Research Day on the topic entitled “Production of Cellulose Nanocrystals (CNCs)”.
- Nikhila Lingala received Best Oral Presentation Award during Research Day on the topic entitled “Biomass Conversion into Energy and fuels”.
- Students won second prizes in Men Kabbadi and Men Volleyball in Shruti 2019.
- B. Amith and K. R. Arvind won first prize in Men Table Tennis in Shruti 2019.
- Different Technical Courses from Coursera and NPTEL has been attended by the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students.
- Various Webinars, Workshops and Leadership Talks have been attended by the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students.