CHEMICAL ENGINEERING DEPARTMENT ACADEMIC ACHIEVEMENTS

Faculty Achievements

- ➢ Total 20 number of Research Papers Published by various Faculty members in National & International Journals.

- ➢ Total 20 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 8th and 9th, 2019.

- ➢ Mrs Harsha Nagar received Best Paper Presentation Award in Recent Advances in Chemical Engineering (RACE) International Conference organized at OU, Hyderabad, 8th -9th Jan 2020.

- ➢ Total 36 Faculty Development Programs, 8 Short Term Training Programs attended by various Faculty members.

- ➢ Total 97 Leadership talks, 136 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.

Student Achievements

- ➢ Pojitha Reddy, Keerthana Reddy, Hanusha Durisety, 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.

- ➢ 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 2nd, 3rd and 4th year students.

- Various Webinars, Workshops and Leadership Talks have been attended by the 2nd, 3rd and 4th year students.