

CHEMICAL ENGINEERING DEPARTMENT

ACADEMIC ACHIEVEMENTS

Faculty Achievements

- Total 24 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 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.
- 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 30th 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 27th December, 2020
- Total 42 Faculty Development Programs, 13 Short Term Training Programs attended by various Faculty members.
- Total 97 Leadership talks, 142 Webinars and 19 Workshops have been attended by the faculties.
- Different Technical Courses from Coursera, NPTEL and Swayam portal have been attended by the faculties.
- Dr. P. Ravindra delivered a invited talk entitled Advances in Biorefineries in Webinar series organized by Universiti Teknologi PETRONAS, Malaysia on 23rd February.
- 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 22nd to 25th, 2020.
- Dr. P. V. Naga Prapurna awarded the “Best Academic Familiar Female Faculty Award” April 2021, given only for South Indians, instituted by governing council of ‘The Association of Scientists, Developers and Faculties’, United Kingdom, as South Indian ASDF Award (SIAA), at Puducherry.

Student Achievements

- Mr. Chetan, Harsha Nagar obtained winner position in paper presentation during Chemspark 2021 organized at CBIT.
- Mr. Bhushan, Mr. Shareef, Mr. Aravind got runner's up in paper presentation during Chemspark 2021 organized at CBIT.
- Ms. Poojitha Kandati, Ms. Chandana got runner's up in poster presentation during Chemspark 2021 organized at CBIT.
- Mr. Abhishek Babu and Ms. Ramya Pogaku obtained winner position in technical quiz during Chemspark 2021 organized at CBIT.
- Mr. P. Tharunesh, Mr. I. Chaitanya Vamsi got runner's up in technical quiz during Chemspark 2021 organized at CBIT.
- Poojitha Reddy, Keerthana Reddy, Hanusha Durisetty, 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 2nd, 3rd and 4th year students.
- Various Webinars, Workshops and Leadership Talks have been attended by the 2nd, 3rd and 4th year students.