

Name of Faculty **Dr. P. V. NAGA PRAPURNA**
 Designation Associate Professor
 Nature of Job/ Appointment Regular
 Date of Joining 17-06-1998
 E-mail nagaprapurna_chem@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Environmental Science & Technology) - 2009	Completed
PG	M. Tech in Chemical Engineering - 1992	Distinction
UG	B. Tech in Chemical Engineering - 1990	Distinction

Work Experience

Teaching	26 Years (CBIT, Hyderabad)
Research	03 years (IICT, Hyderabad)
Industry	15 Months (Bard and Beaver Industries, Mallapur, Hyderabad), 3 Months (Tejaswiny Rasayanas Limited, Secunderabad)
Others	--

Area of Specialization

Chemical Engineering, Environmental Engineering

Professional Memberships

IChE Life Member LM-11440
 IFERP Premium Member PROF-64513415
 1. Incharge HoD from 31-05-2021 upto 28-03-2023.

Responsibilities held at Institution Level

2. HoD from 18-05-2015 to 18-08-2017
3. Member – Mentoring audit team
4. Member – Women Development Cell
5. Co-Chairman, Green Audit Committee
6. Convener, Women Development Cell, CBIT for nine years and continuing as member
7. Faculty coordinator, Chaitanya Svaasthya club.

Responsibilities held at Department Level

1. Chairman, BoS, as Incharge - HoD
2. Convener, PAQIC
3. Member, Board of Studies
4. Member, Course Expert Groups
5. Coordinator, Faculty data compilation for AICTE and Surveys
6. Coordinator-Web and Branding Committee

Research Guidance

- Department offers only U.G program in Chemical Engineering.
 Guiding UG students' projects as part of the degree.
1. Appointed as Advisor member by State Board of Technical Education & Training, Telangana, Hyderabad, for Curriculum revision for Diploma in Chemical Engineering (CH).
 2. Best Inspiring Teacher 2023, as Academic Achievers in Higher Educational Institutions (AAHEI 2023), by Knowledge Research Academy, Tamil Nadu, Dec 2023
 3. Pride of Education Teachers Day Award 2021 as Excellence in Academics, by ESN Publications, Pondicherry, India.

Awards Received

4. Best Academic Familiar Female Faculty Award April 2021, given only for South Indians, instituted by The Association of Scientists, Developers and Faculties, United Kingdom, as South Indian ASDF Award (SIAA), at Puducherry, April 2021
5. Won certificate for participation in World Book of Records, United Kingdom contributed a book chapter in the "Thickest book in the world comprising of 11,796 pages, titled, Latest Innovations for Future Education (LIFE-2021)", ESN publications, TN, Jan, 2021.

6. Technical coordinator and chairmanship for online oral presentation sessions, CHEMCON-2020, Exploring Recent Trends in Chemical Engineering”, Indian Chemical Engineering Congress & 73rd Annual Session of Indian Chemical Engineers, jointly organized by Indian Institute of Chemical Engineers (IChE) Headquarters and Hyderabad Regional Centre, Dec 2021.
7. Jury member for national level competitions held online by “Women Scientists and Entrepreneurs Conclave” conducted as part of ‘India International Science Festival (IISF-2020), by Ministry of Science and Technology, Govt of India, Dec 2021.
8. “Rashtriya Shiksha Ratan Award 2018” given by The National Achievers Recognition Forum, New Delhi during National Seminar on “Individual Achievements, Intellectual Excellence & National Development.
9. Global Education Excellence Awards 2016 as "Best Teacher for Chemical Engineering and Biotechnology in Telangana", by Prime-Time Research Media Private Limited, New Delhi.

Undergraduate chemical engineering:

Courses Handled at Under Graduate / Post Graduate Level.

Chemical Technology, Material science for chemical engineers, Process instrumentation, Water Conservation and Management, Safety and Health Management, Nuclear Engineering, Environmental science, Community Engagement, Process Dynamics and Control, Material science and instruments, Process equipment design, Heat Transfer Lab, Fluid Mechanics lab, Process Dynamics and Control Lab, Computer applications in process industries, Equipment Design Drawing Lab.

Undergraduate Biotechnology:

Bioprocess dynamics and control, Computer applications in bioprocesses, Environmental studies.

No. of Papers Published

National Journals – 01 International Journals – 13
National Conference – 07 International Conference – 20

CBIT funded seed grant research projects in progress:

1. Principle investigator, ‘Harnessing natural value-added products from floral waste: Sustainable approach towards zero waste’, for one-year from Mar 2023, for Rs. 50,957. (Work in progress).
2. Co-investigator, ‘Valorization of fruit peel waste as a potential source to produce Cu nano particles for insitu trapping of nutrients for modern agricultural practices’ for one-year from Mar 2023, for Rs. 1,57,854. (Work in progress).
3. Co-investigator ‘Sustainable bioplastic films from Agri-residues with Egg-shells as Plasticizer for Biodegradable nursery bags’, for one-year from Mar 2023, for Rs. 43,205/- (Work in progress, in department).

Projects Carried out

Non-funded - collaborative - students UG projects:

Supervisor (institute/ department level) for UG major Project, carried out as collaborative research work:

Academic year 2023-24

1. For two final year undergraduate students, on project titled ‘Energy, Economic and Environmental Analysis of Conventional and Unconventional Reactive Batch Distillation Processes through Heat Integration Techniques’, with Dr. Srinath Suraneni, Professor, department of chemical engineering, NIT-Warangal, as external supervisor, from Aug 2023 to Apr 2024. (Outcome: Won first prize at international conference, PRAKALP, MIT-Pune, Mar 2024).
2. For two final year undergraduate students, on project titled ‘Energy Integrated Reactive Distillation for Biodiesel Production: Feasibility Analysis and Control, with Dr. Uday Bhaskar Babu (Alumnus 2003), Associate Professor, department of chemical

engineering, NIT-Warangal, as external supervisor, from Aug 2023 to Apr 2024. (Outcome: work presented at International conference, NMTEEA, BITS-Hyderabad, Feb 2024 and PRAKALP, MIT-Pune, Mar 2024).

3. For one final year undergraduate student, on project titled Optimization of Steam Economy in Multi Effect Evaporators, with Mr. Veera Mohan (Alumnus 2004), ITC, Bhadrachalam. (Outcome: work presented at international conference, PRAKALP, MIT-Pune, Mar 2024).

Academic year 2022-23

1. For two final year undergraduate students, on project titled 'Kinetic study for increasing the yield of Ambroxol Hydrochloride Intermediate', with Mr. Sydulu, R&D Manager, M/s Sparkvee Fine Chemicals Pvt. Ltd. Cherlapally, Hyderabad, as external supervisor, from Aug 2022 to Apr 2023.

Academic year 2021-22

1. For two final year undergraduate students, on project titled 'Replenishing the earth - Biocomposting of dry green waste', with Mr. Anil Kumar Choudary (Alumnus 2010), Managing Director, M/s Green Waves Environmental solutions, Visakhapatnam, through MoU with CBIT, as external supervisor, from Aug 2021 to Apr 2022.
2. For two final year undergraduate students, on project titled 'Simulation Studies on Pyrolysis of Agricultural Waste Biomass', with Dr. Srinath Suraneni, Associate Professor, department of chemical engineering, NIT-Warangal, as external supervisor, from Aug 2021 to Apr 2022. (Outcome: work published in scopus Journal – Materials Today: Proceedings and also presented at international conference, NMTEEA, BITS-Hyderabad, Feb 2022.)

Academic year 2020-21

1. For two final year undergraduate students, on project titled 'Design of Aroma Industry with Floral Waste as Raw Material', with Mr. Anil Kumar Choudary (Alumnus 2010), Managing Director, M/s Green Waves Environmental solutions, Visakhapatnam, through MoU with CBIT, as external supervisor, from Feb 2021 to May 2021.
2. For two final year undergraduate students, on project titled 'Kinetic Studies for increasing the yield of Olmesartan Intermediate', with Dr. Ananth Reddy M, Assistant General Manager (Chemical Research Division), Innovare Labs, Hyderabad, as external supervisor, from Feb 2021 to May 2021.

Academic year 2019-20

1. For two final year undergraduate students, on project titled 'Lake water characterization, water quality index and simulation analysis', with Ms. Siva Ramya Sanam (Alumnus 2009), Senior Scientist, CSIR-NEERI, Hyderabad, as external supervisor Dec 2019 to May 2020.
2. For two final year undergraduate students, on project titled 'Catalytic esterification for semi-batch reactive distillation for the synthesis of methyl acetate', with Dr. Srinath Suraneni, Associate Professor, department of chemical engineering, NIT-Warangal, as external supervisor, from June 2019 to Mar 2020. (Outcome: work presented at international conference).

Academic year 2018-19

1. For two final year undergraduate students, on project titled 'Hydrothermal carbonization, modeling and simulation analysis', with Dr. Srinath Suraneni, Associate Professor, department of chemical engineering, NIT-Warangal, as external supervisor, from June 2018 to Dec 2018. (Outcome: work published in scopus Journal – CPPM, as book chapter and also presented at international conference)

Invited Speaker

1. Resource person for delivering invited talk on 'Vikasit Bharat, Vision of make in India', during May 2024, on National Technology Day, by CBIT-IIC, Hyderabad.
2. Invited as Session Chair during Nov 2023, for 3rd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2023), NIT Warangal.
3. Resource person for delivering invited talk on "Opportunities for Chemical Engineers for Today's Digital World", during April 2023, at Jawaharlal Nehru Govt Polytechnic College, Ramanthapur, Hyderabad.
4. Resource person for delivering invited talk on "Admission possibilities in CBIT chemical engineering department for diploma students", during March 2023, at Central Institute of Plastics Engineering & Technology (CIPET), Hyderabad.
5. Resource person for delivering invited talk on NITTR Module-2: Professional Ethics & Sustainability, at awareness sessions organised for faculty, at CBIT, on 02-12-2021.
6. Resource person for delivering invited talk on 'Challenges in chemical process industry - our role to play' at one-day seminar on 'Emerging trends in chemical technology', organized by department of chemical technology, Loyola degree and PG college, Secunderabad, on 08-01-2019.
7. Resource person for delivering invited talk on 'Clean Technologies in Pharmaceutical sector', at three-day National training program on 'Clean Development Mechanism: Project Implementation for Industrial Sector, Energy Sector, Mining Sector and Carbon Trading', organized by EPTRI, Hyderabad and Central pollution control board, 27-11-2017 to 29-11-2017.
8. Resource person for delivering invited talk on 'Solid/Hazardous Waste Management in Urban Environment' at two-day National Workshop on 'Urban Environmental Management-Solutions for Sustainability' (UEM-2017), organized by CSIR-NEERI Hyderabad Zonal centre, 18-08-2017 to 19-08-2017.

No. of Books/ Chapter Published with details

1. Vamsi Chirravuri, M. Mukunda Vani, P.V. Naga Prapurna, book chapter no. 65: Use of banana stalks for biofertilizers production (as part of the Book titled "From Waste to Wealth"), pp1459–1469, Springer Nature, Singapore.
2. Naga Prapurna, M. Viswanatham, Srinath S, book chapter for 'World Book of Records, United Kingdom' titled "Selectivity of metal oxide slag for simultaneous removal of interactive pollutants from electroplating effluent at industry discharge conditions using novel non-glass columns", in 'Thickest book in the world of 11,796 pages "Latest Innovation for Future Education (LIFE)", 105, pp10887-10914, ESN publications, India, Jan 2021.
3. Anjani Mamidala, Akanksh Mamidala, P V Naga Prapurna, Srinath Suraneni, book chapter titled "Green organic synthesis by carbondioxide conversion" 10th Chapter, pp 251-262, Elsevier publications, in the book titled Green sustainable process for chemical and environmental Engineering and Science, Sep 2020.
4. B. Sai Rohith, Naga Prapurna, Kuldeep B. Kamble, Rajmohan K. S., S. Srinath, "Hydrothermal carbonisation for valorisation of rice husk " Chapter-6, pp105-122, Taylor & Francis 1st ed., CRC press, international Book titled 'Biochemical and Environmental Bio processing: Challenges and Developments', July 2019.

Organized (Academic year July 2017 onwards)

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops. Other Trainings (**Attended and/ or organized**)

1. Organizing member, Four-weeks online training program on 'Quantitative Process Analysis: A MatLab and Aspen Plus Approach', for students, organised by department of chemical engineering, CBIT, in collaboration with IICHe-HRC, 16-10-2024 to 16-11-2024.

2. Convener, One-week Online National Faculty Development Program on “Empowering Educators: AI tools for Engineering and Technology (AITET-2024)”, organised by Department of Chemical Engineering, CBIT, 29-01-2024 to 02-02-2024.
3. Organizing member, Eight-weeks online training program on ‘Data Science for Engineers’, for students, organised by department of chemical engineering, CBIT in collaboration with IChE-HRC, 07-10-2023 to 02-12-2023.
4. Chairman, online skill-development workshop on ‘Basics of MATLAB for Chemical Engineers’, for students, organised by department of chemical engineering, CBIT, 17-01-2022 to 29-01-2022
5. Coordinator, Staff health-camp organised in CBIT campus in collaboration with M/s Vijaya diagnostics, Jubilee Hills, Hyderabad, 27-10-2022 and 28-10-2022.
6. Coordinator, Ayurveda week, 17-10-2022 to 23-10-2022.
7. Vice-chairman, Shikshak Parv, an UGC initiative event in CBIT campus, 05-09-2022 to 08-09-2022.
8. Organized guest lectures and industrial visits for chemical engineering students.
9. Convener-WDC, online talk, National girl child day 23 Jan 2022
10. Vice-chair Ch Reethi to launch Women safety club, Chaitanya Suraksha, 9 Dec 2021.
11. Faculty coordinator, One-day workshop on ‘Nurturing holistic lifestyle among professionals’, by CBIT student club-Chaitanya Reethi, Hyderabad, 12-02-2020.
12. Department coordinator for CBIT Alumni Meet, ‘Rejoicing Reunion’ on 25-12-2019.
13. Vice-chairman, technical committee, one-day national seminar on ‘Water and Environment’, by environmental club-PARIVRITA, CBIT, Hyderabad, 22-03-2018.
14. Technical committee member, two-day national seminar on ‘Safety management and energy conservation in process industries’, by Institution of Engineers (I.E), Hyderabad, 06-10-2017 and 07-10-2017.
15. Faculty coordinator, two-day workshop on ‘Piping Design’ by chemical engg. dept. in coordination with M/s Tech-Trunk Ventures Pvt. Ltd., at CBIT, Hyderabad, 17-02-2017 and 18-02-2017.

Participated (Academic year July 2017 onwards)

- 1 One-week online national Short-Term Course (STC) on "Recent Advancements in Wastewater Treatment Techniques (RAWTT-2024)", organized by the Department of Chemical Engineering, NIT Srinagar, 21-10-2024 to 25-10-2024.
- 2 Six-Days International Faculty Development Programme (Virtual) on "Nano Innovations: Shaping the World of Tomorrow" (NISWT'24), organised by department of humanities and basic sciences, Sri Indu College of Engineering and Technology, Hyderabad, 09-09-2024 to 14-09-2024.
- 3 One-week online national FDP on “Quality Education through OBE”, organized by CBIT in association with IEEE education society student branch chapter, 22-01-2024 to 27-01-2024
- 4 One-week online national e-STC (Short term course) online on Principles of Analytical Instruments for Chemical and Environmental Engineers (PAICEE-2024), organised by Department of Chemical Engineering at NIT, Hamirpur, India, 15-01-2024 to 19-01-2024.
- 5 One-week online national on “Industrial Waste Water Management (IWWM-2023)”, organised by Dept of Chemical

- Engineering, in Association with IQAC, Haldia Institute of Technology, West Bengal, 28-08-2023 to 01-09-2023.
- 6 One-week online national on "Recent Trends in Exergy and Sustainability" organised by IChE Students' Chapter, School of Chemical Engineering, MITAoE, Alandi (D), Pune, from 21-08-2023 to 25-08-2023.
 - 7 One-Week Online ATAL – FDP on "Recent trends in Upstream Petroleum Technology", organized by Dibrugarh University, 07-03-2022 to 11-03-2022
 - 8 One-Week Online FDP on "Recent trends on Smart Materials and their Applications", organized by Dept of Physics, Humanities and Sciences, Vardhaman College of Engineering, Hyderabad, 07-02-2022 to 11-02-2022
 - 9 One-Week Online ATAL – FDP on "Recent trends in Food Processing and Preservation Technologies", organized by Dept of Technology, Shivaji University, Kolhapur, 01-02-2022 to 05-02-2022
 - 10 One-Week Online ATAL – FDP on "Novel materials", organized by Dept of Mechanical Engg, University College of Engg. O.U, Hyderabad, Telangana, 22-11-2021 to 26-11-2021
 - 11 One-day international webinar on Recycling and Solid Waste management, organized by IChE students Chapter, Dept of Chemical Engg., Andhra University on 16-09-2021
 - 12 Five-Day National Virtual Workshop on "National Education Policy-2020:A Road Map for Future of India", organized by Yogi Vemana University, Kadapa, Andhra Pradesh, 16-07-2021 to 20-07-2021
 - 13 One-Week AICTE-Online faculty training programme for Mentors organized by National Initiative for Technical Teachers Training, from 01-05-2021 to 05-02-2021.
 - 14 Six days Online AICTE-STTP on "Communication Skills & Ethics: A Modern Education Tool in 21st Century" organized by IQAC, Gandhinagar Institute of Technology, Gujarat, from 18-01-2021 to 23-01-2021.
 - 15 One-week online international FDP on 'Latest trends in engineering, science and technology: nanomaterials', from 10th Aug to 15th Aug 2020, organized by Lendi Institute of Engg. and Tech., Visakhapatnam, AP.
 - 16 One-week online refresher course on 'Bharateeya Chaitanyam', organised by Geervana Bharathi of Chaitanya Samskruthi, CBIT, Hyderabad, 29-06-2020 to 05-07-2020.
 - 17 One-week online Faculty Development Programme on 'Industry 4.0 - A Vision of Design and Manufacturing', organised by dept. of Mechanical Engg., CBIT, Hyderabad, 16-06-20 to 20-06-20.
 - 18 One-week online Faculty Development Programme on 'Outcome Based Education and NBA Accreditation-UG', organised by CBIT, Hyderabad, 28-05-2020 to 01-06-2020.
 - 19 One-week AICTE sponsored online Faculty Development Programme on 'Outcome Based Education: A Step towards excellence', by Govt College of Engg, Karad, under 'AICTE-Margdarshan Scheme', 11-05-2020 to 15-05-2020.
 - 20 One-week Faculty Development Programme on 'IoT for Emerging Applications', by ICT Academy-IIT Guwahati, at CBIT, Hyderabad, during 04-02-2020 to 08-02-2020.
 - 21 One-week Faculty development program on 'Behavioral Skills and Teaching Techniques', at Mahindra-Satyam learning world, Hyderabad, 21-06-2012 to 29-06-2012.
 - 22 Online Leadership talks organised by Dr. Abhay Jere, Chief Innovation Officer, MHRD's Innovation cell, AICTE.
 - 23 Online workshop on 'Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop' organised by

Teaching Learning Centre (ICT) - IIT Bombay BodhiTree platform, 24-05-2020.

- 24 Online Leadership talk by Dr. Pramod Chaudhary, Founder
- 25 IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28-04-2020 to 22-05-2020.
- 26 Two-day national workshop on 'Urban Environmental Management-Solutions for Sustainability' (UEM), by CSIR-NEERI, Hyderabad zonal centre, 18-08-2017 to 19-08-2017.
- 27 Three-day national workshop on 'Clean Development Mechanism: Project Implementation for Industrial Sector, Energy Sector, Mining Sector and Carbon Trading', by EPTRI, Hyderabad, 27-11-2017 to 29-11-2017.

Details of Journal Publications/

Conferences (**National and International**)

National / International Journal from the year 2017

1. Bhushan Goklani, P.V.Naga Prapurna, S Suraneni (2022), Simulation of pyrolytic conversion of Walnut shell waste to value added products, *Materials Today: Proceedings*, Volume 72, Part 1, 2023, pp 336-339.
2. Sai Nitheesh Magasani, Harish Reddy, Naga Prapurna P (2021), *In-situ Design for Carbon Capture and Storage in Process Industries*, *Journal of Engineering, Computing and Architecture*, Volume 11, Issue 8, pp 47-51.
3. Akanksh Mamidala, Anjani Mamidala, P.V. Naga Prapurna (2020), Evolution of Permafrost: An Impact on The Socio-Economic Conditions, *Proceedings of the International Conference on Advances in Chemical Engineering (AdChE) 2020.*, SSRN Electronic Journal, pp 13-26.
4. Aarti T, Sai Rohith B, Naga Prapurna, Raju K, S. Srinath (2020), Kinetic modeling of hydrothermal carbonisation of citrulluslanatus (watermelon) peel using thermogravimetric analysis, *Chemical Product and Process Modeling (CPPM)*, De Gruyter, June, Volume 15, Issue 2, pp 1-8.
5. Anjani Mamidala, Akanksh Mamidala, Dr. P. V. Naga Prapurna (2019), Effects and adaptability due to climate change in developing countries, *International Journal of Innovations in Engineering and Technology*, IJIET, Volume 14, Issue 4, pp 01-10.
6. Anjani Mamidala, Akanksh Mamidala, P.V. Naga Prapurna (2019), Transparent Solar Cells as Economic and Effective Alternative in the Field of Excitronics, *International Journal of Recent Technology and Engineering*, Feb Volume 7, Issue 5S3, pp 115-119.
7. Anjani Mamidala, Akanksh Mamidala, P.V. Naga Prapurna (2018), Smart road - a sustainable technology for present and future, *International Journal of Management, Technology and Engineering*, Oct Volume 08, Issue 10, pp 1818-1828.
8. P. V. Naga Prapurna, M. Viswanatham (2017), Batch and column studies for removal of Cu and Zn using industrial solid waste as new adsorbent, *IARJSET*, Volume 04, Issue 11, pp 227-238.

National / International Conferences from the year 2017

1. Vamsi Krishna Muvva, Alekhya, P. V. Naga Prapurna, Rajamohan K.S, Prasanna R. Redpangu, Eggshell-derived Bioplastics: Nurturing Sustainability from Shell to Shelf, 1st International Conference on Trends in Chemical, Energy and Environmental Engineering (ChemEEE-2024), IIPE, 19-21 Feb. 2024.
2. Mahathi Reddy, Laalasa Kunapareddy, Joju Sabu Mathew, Ramya Sanam, P. V. Naga Prapurna, Shaik Basha, Mukunda Vani "Evaluating the Efficiency of Basolite in Removing Mefenamic Acid from Pharma Wastewater", presented at NMTEEA, International conference, BITS-Pilani, Hyd., 17-18 Feb, 2024.
3. Pranay Kumar T, Sk. Jhubair Ali, Dr. P. V. Naga Prapurna, Dr. S. Srinath, Dr. G. Uday Bhaskar Babu "Energy Integrated Reactive Distillation for Biodiesel production", presented at NMTEEA, International conference, BITS-Pilani, Hyd., 17-18 Feb, 2024.
4. Mahathi Reddy, Joju Sabu Mathew, Ramya Sanam, P. V. Naga Prapurna, Shaik Basha, Mukunda Vani, "Analysing the efficiency of Basolite for Mefenamic Acid degradation in Pharma Wastewater using HPLC method", international conference, IICHe-CHEMCON, Kolkata, 27-30 Dec, 2023.
5. Pranay Kumar T, K. Chandrakanth Reddy, B. Niteesh, Sk. Jhubair Ali, S. Srinath, G. Uday Bhaskar Babu, P. V. Naga Prapurna, "Vapor recompression in Reactive Distillation for Production Biodiesel to Reduce Energy", presented at INCEEE, International conference, NIT Warangal, 24 – 25 Nov, 2023. (ISBN No. 978-81-963099-0-9)
6. Ilparthy Nissy Kiranmai, Shaik Mounisha begum, Dr Prasanna R, Dr P V Naga Prapurna, "MEA Fabrication and testing for high temperature fuel cell", 19th Annual Session of Students' Chemical Engineering Congress - SCHEMCON, Dept of Chemical Engineering, Kongu Engineering College, Coimbatore, 22-23, Sep. 2023.

7. Bhushan Goklani, Dr. P.V. Naga Prapurna, Dr. Srinath Suraneni, Simulation of pyrolytic conversion of walnut shell waste to value added products, Novel Materials and Technologies for Energy Applications, BITS Pilani - Hyderabad Campus, 18th-19th February 2022.
8. Dhanush C, Rupesh G, Naga Prapurna, Smog Towers as A Solution for Air Pollution, at National Conference on Emerging and Adaptable Technologies in Process Industries, organised by University College of Technology, Osmania University, 14th and 15th December, 2021.
9. Pallavi Pothala, Vijaya Raju K, Naga Prapurna, Membrane Distillation as a promising thermal separation technique for industrial wastewater treatment, International Conference on Green Chemistry and Engineering towards Sustainable Development-An Industrial Perspective, Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16th - 18th June 2021.
10. Sai Nitheesh Magasani, Harish Reddy M, Naga Prapurna, An In-situ Design for Carbon Capture and Storage in Process Industries, International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective, Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16th - 18th June 2021.
11. Poojitha Kandati, Neha Mankala, Naga Prapurna, Treatment of Textile Dye Effluent Using Seed Hulls, Dry Leaves and Fruit Peels – A Review, International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective, Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16 - 18 June 2021.
12. Kalakuntala Raju, A. Vineeth, Naga Prapurna, V.V.Basava Rao, Srinath Suraneni (2020), Kinetics of Catalytic Esterification of Propionic Acid with N-Butanol over Mesoporous Catalyst, 2-day International Conference on Recent advances in chemical engineering, (RACE), organised by Dept. of Chemical Engg., University College of Technology (A), Osmania University, Hyderabad in association with IChE-HRC, on the Eve of Golden Jubilee Celebrations, January 8-9, 2020.
13. Mamidala Anjani, Mamidala Akanksh, Thatipalli Aashrith, Pentapati Naga Prapurna (2019), Geothermal energy- an imperishable source of energy in all aspects of life, 12th European congress of Chemical Engineering, ECCE12, P/424, organised by AIDIC, Florence, Italy, 15-19 September.
14. D. Sushmitha, Anjani M, Akanksh M, P.V. Naga Prapurna, Srinath S (2019), Formulation of benzotriazole loaded electrospun cellulose halloysite nano fibers and its controlled release rate studies for corrosion inhibition of mild steel, international conference on recent advances in nanoscience and nanotechnology (NANOTECH), organised by Larix International, Singapore, 20-21 June.
15. Anjani M, Akanksh M, Divyasai, Naga Prapurna (2019), Transparent solar cells as economic and effective alternative in the field of excitonics, international conference on recent engineering and technology (ICRET-2019), organised at New Horizon College of Engg., Bangalore, India, on 5 May.
16. Anjani M, Akanksh M, Ashrith S T, Srinath S, P. V. Naga Prapurna (2019), Vulnerability and adaptation to climate changes in developing countries of Africa and Asia, International conference on Engineering and Advancement in Technology (ICEAT), organised by Lord's Institute of Engg and Technology, Hyderabad 9-10 April. ISBN 978-93-81288-18-4
17. Aarti T, Rohith, Naga Prapurna, Srinath S (2019), Kinetic studies Citrullus lanatus (watermelon) peel using thermo gravimetric analysis, 2nd International conference on New Frontiers in Chemical, energy and Environmental Engineering (INCEEE), organised by Department of chemical engineering, NIT Warangal, Telangana, 15-16 February.
18. Rohith, Aarti T, P. V. Naga Prapurna, Kumar S, Srinath S (2018), Hydrothermal Carbonization of Citrulluslanatus fruit peel, international conference on "Advances and challenges for sustainable ecosystem", ICACSE, organised on Department of chemical engineering, NIT Tiruchirapalli, Tamilnadu, 6-8 Dec.
19. Anjani Mamidala, Akanksh Mamidala, P. V. Naga Prapurna (2018), Smart road - a sustainable technology for present and future, XV International conference on Recent trends in engineering Science and management, organised by O. U. Centre for International program, O.U Campus, Hyderabad, 20 October.