

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)	Awarded
PG	M. Tech (Chemical Engineering)	First
UG	B. Tech (Chemical Engineering)	First

Work Experience

Teaching	22 Years
Research	03 years
Industry	01 year
Others	--

Area of Specialization Environmental Engineering

Professional Memberships 1. Life member (LM-11440), IChE-India.

Responsibilities held at Institution Level
1. Faculty coordinator, Chaitanya Svaasthya, student's club, from January 2020 to till date.
2. Chairman, Chaitanya Reethi student's club, from July 2019 to till date.
3. Member, Grievance Redressal committee, March 2019 to February 2020

Responsibilities held at Department Level Member-Board of Studies, from August 2017 till date.

Research Guidance --

Awards Received "Rashtriya Shiksha Ratan Award 2018" given by The National Achievers Recognition Forum, New Delhi during National Seminar on "Individual Achievements, Intellectual Excellence & National Development.

Courses Handled at Undergraduate / Post Graduate Level. Process equipment design, Process modeling simulation and optimization, Process instrumentation, Nuclear engineering, Material science for chemical engineers, Environmental Science.

No. of Papers Published National Journals – 01 International Journals – 10
National Conference – 06 International Conference – 16

Projects carried out --

Patents --

Technology Transfer --

Invited Speaker
1. 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.
2. 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, Gachibowli, Hyderabad and Central pollution control board, 27-11-2017.
3. 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, 19-08-2017.

No. of Books/Chapter Published with details Co-author, book chapter titled "Hydrothermal carbonisation for valorisation of rice husk " Chapter-6, pp 105-122, Taylor & Francis 1sted., CRC press, in the international Book titled 'Biochemical and Environmental Bio processing: Challenges and Developments', 2019.

Details of Short-Term Training Programs /Faculty Development 1. Organised one-day workshop on 'Nurturing holistic lifestyle among professionals', for CBIT students & staff on 12th February 2020, as

Programs/ Seminars/ Workshops
/ Other Trainings (Attended
and/or Organized).

- faculty coordinator by Chaitanya Reethi club of CBIT.
2. Organised CBIT Alumni Meet, 'Rejoicing Reunion' on 25th December 2019 as chemical engg department coordinator.
 3. Organised one-day national seminar on 'Water and Environment', on 22nd March 2018, as Vice-chairman, technical committee, by environmental club-PARIVRITHA.
 4. Organised two-day national seminar by Institution of Engineers (I.E), Hyderabad, on 'Safety management and energy conservation in process industries', from 6th to 7th October 2017, as technical committee member,
 5. Participated in one-day online webinar on Bioenergy: Transition and Technology, on 3rd July 2020, organised by Centre for Energy and Environment, Dr. B.R.Ambedkar N.I.T.Jalandhar, Punjab,
 6. Attended one-week online refresher course on 'Bharateeya Chaitanyam', from 29th June 2020 to 5th July 2020, organised by Geervana Bharathi of Chaitanya Samskruthi, CBIT, Hyderabad.
 7. Attended seven online 'First Leadership talks', from 18th April 2020 to 6th June 2020, conducted by Dr. Abhay Jere, Chief Innovation Officer, MHRD, AICTE.
 8. Participated in one-day online workshop on 'Social responsibility and Community engagement', on 17th June 2020, organised by CBIT, Hyderabad.
 9. Attended one-week online FDP on 'Industry 4.0-A Vision of Design and Manufacturing', from 16th to 20th June 2020, organised by dept. of Mechanical Engg., CBIT, Hyderabad,
 10. Participated in webinar on 'CO-PO Attainment Computation-Outcomes Analysis', on 13th June 2020, organised by Inpods India Pvt. Ltd., Pune.
 11. Attended one-week online FDP on 'Outcome Based Education and NBA Accreditation-UG', from 28th May to 1st June 2020, organised by CBIT, Hyderabad.
 12. Attended online workshop on 'Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop' interaction on 24th May 2020, organised by Teaching Learning Centre (ICT) - IIT Bombay through Bodhi Tree platform.
 13. Participated in webinar on 'Covid Virus disease evolution and pathogenecity', on 23rd May 2020, organised by Narayana Pharmacy college, KLU, Vijayawada.
 14. Participated in fifteen IIC online webinars to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs, from 28th April 2020 to 22nd May 2020, organised as part of Q3 and Q4 series, by Institution's Innovation Council (IIC), MHRD, New Delhi
 15. Participated in online Technical talk cum webinar on 'Research Based Implementations on Social Media Mining and Sentiment Analysis', on 20th May 2020, organised by IE(I), Punjab State Chapter, Punjab.
 16. Participated in webinars on 'Cyber security' on 16th May 2020, on 'Digital Productivity & Effectiveness Strategies' on 15th May 2020 and on 'Digital Transformation of Business Administration' on 12th May 2020, organised by Storm Overseas Education.
 17. Participated in online one-day workshop on 'Research Workflows, Research Metrics and Excellence in Academic Institutes, on 14th May 2020, organised by AICTE and Elsevier.
 18. Participated in webinars on 'Image quality measures' on 13th May 2020, on 'Opportunities for Start Ups in current situation' on 8th May 2020, on 'Research Challenges in Data Mining' on 6th May 2020 and on 'Hangout with Successful Start Ups' 5th May 2020, organised as part of Knowledge – 4.0 by Chennai Institute of Technology.
 19. Attended one-week AICTE sponsored online FDP on 'Outcome Based Education: A Step towards excellence', from 11th May 2020 to 15th May 2020, organised by Govt College of Engg, Karad, under 'AICTE-Margdarshan Scheme'.
 20. Participated in webinar on 'Machine Learning with Python', on 9th May 2020, organised by PanTech Learning.
 21. Completed four weeks certified online non-credit course on 'Understanding Research methods', during 26th April 2020 to 17th May 2020, offered by University of London and SOAS University through Coursera.
 22. Completed twelve-week online certification credit course on 'NBA Accreditation and Teaching-Learning in Engineering (NATE), from 27th January 2020 to 26th April 2020 offered by AICTE-SWAYAM.
 23. Participated in webinar on 'Sustainable Development Goals-Access to improved Governance', on 18th April 2020 organised by Centre for

- Innovations in Public Systems, ASCI, Hyderabad.
24. Attended one-week FDP on 'IoT for Emerging Applications', from 4th to 8th February 2020 by ICT Academy-IIT Guwahati, at CBIT, Hyderabad.
 25. Participated in one-day workshop on 'Significance of MATLAB in applications of emerging technologies' on 26th June 2019, organised by dept. of EEE, CBIT, Hyderabad.
 26. Participated in two-day national workshop on 'Urban Environmental Management-Solutions for Sustainability' (UEM), from 18th to 19th August 2017, organised by CSIR-NEERI, Hyderabad zonal centre.
 27. Participated in three-day national workshop on 'Clean Development Mechanism: Project Implementation for Industrial Sector, Energy Sector, Mining Sector and Carbon Trading', from 27th to 29th November 2017, organised by EPTRI, Hyderabad.

International /National Journals from the Year 2017

1. Aarti T, Sai Rohith B, Naga Prapurna, Raju K, S. Srinath (2020), Kinetic modeling of hydrothermal carbonisation of citrulluslanatus (watermelon) peel using thermo gravimetric analysis, Chemical Product and Process Modeling (CPPM), De Gruyter, Volume 15, Issue 2, pp 1-8.
2. Anjani Mamidala, Akanksh Mamidala, 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.
3. Anjani Mamidala, Akanksh Mamidala, P.V.Naga Prapurna (2019), Transparent Solar Cells as Economic and Effective Alternative in the Field of Excitonics, International Journal of Recent Technology and Engineering, Volume 7, Issue 5S3, pp 115-119.
4. 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, Volume 08, Issue 10, pp 1818-1828.
5. 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.

International Conference Proceeding Publications/ National Conferences from the Year 2017

1. 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), 8th-9th January, organised by Dept. of Chemical Engg., University College of Technology (A), Osmania University, Hyderabad in association with IICChE-HRC, on the Eve of Golden Jubilee Celebrations.
2. 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, 15th-19th September, organised by AIDIC, Florence, Italy.
3. 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), 20th-21st June, organised by Larix International, Singapore.
4. 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, on 5 May, organised at New Horizon College of Engg., Bangalore, India.
5. 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, 9th-10th April, organised by Lord's Institute of Engg and Technology, Hyderabad.
6. 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, 15th-16th February, organised by Department of chemical engineering, NIT Warangal, Telangana.
7. 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, 6th-8th December, organised on Department of chemical engineering, NIT Tiruchirapalli, Tamilnadu.
8. 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, 20th October, organised by Centre for International program, O.U Campus, Hyderabad.