

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	Awarded
PG	M. Tech in Chemical Engineering - 1992	Distinction
UG	B. Tech in Chemical Engineering - 1990	Distinction

Work Experience:

Teaching 24 Years (CBIT, Hyderabad)
 Research 03 years (IICT, Hyderabad)
 Industry 15 Months (Bard and Beaver Industries, Mallapur, Hyderabad), 3 Months (Tejaswiny Rasayanas Limited, Secunderabad)
 Area of Specialization Chemical Engineering, Environmental Engineering
 Professional Memberships Life Member of IICHE (Indian Institute of Chemical Engineers, India) Membership No.: LM-11440

- Awards Received**
1. Pride of Education Teachers Day Award 2021 as 'Excellence in Academics', by ESN Publications, Pondicherry, India.
 2. Best Academic Familiar Female Faculty Award" April 2021, given only for South Indians, instituted by the governing council of 'The Association of Scientists, Developers and Faculties', United Kingdom, as South Indian ASDF Award (SIAA), at Puducherry.
 3. 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, Tamilnadu, January, 2021
 4. 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, 27-12-2020 to 29-12-2020.
 5. 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, from 22-12-2020 to 25-12-2020.
 6. "RashtriyaShikshaRatan Award 2018" given by The National Achievers Recognition Forum, New Delhi during National Seminar on "Individual Achievements, Intellectual Excellence & National Development.
 7. Global Education Excellence Awards 2016 as "Best Teacher for Chemical Engineering and Biotechnology in Telangana", by Prime Time Research Media Private Limited, New Delhi.

No. of Papers Published International Journals – 13 National Journals – 01
 International Conference – 20 National Conference – 07

Courses Handled at Under Graduate / Post Graduate Level.

Undergraduate chemical engineering:

Material science for chemical engineers, Process instrumentation, Process modeling simulation optimization, Process equipment design, Process dynamics control, Material science and instruments, Organic surface coating technology, Computer applications in process industries, Equipment design drawing lab, Process Dynamics & Control (theory & lab), Fluid Mechanics lab, Nuclear Engineering.

Undergraduate Biotechnology:

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

Undergraduate Mechanical Engineering and Production Engineering:

Environmental studies, Environmental Science (Mandatory non-credit course)

Research Guidance

Dept offers only U.G program. Guiding UG students' projects for 24 years

Non-funded collaborative student projects:

1. Supervisor, UG Project, for one year collaborative research work with industry supervisor, Mr. Sydulu, R&D Manager, M/s Sparkvee Fine Chemicals Pvt. Ltd. Cherlapally, Hyderabad, for two CBIT undergraduate students on project titled "Kinetic study for increasing the yield of Ambroxol Hydrochloride Intermediate" carried out in Hyderabad, 26-08-2022 to 15-04-2023.
2. Supervisor, UG-Project, for one year collaborative research work with team members from M/s Green Waves Environmental solutions, Visakhapatnam, through MoU with CBIT, as external supervisor for two CBIT undergraduate students on project titled "Replenishing the earth - Biocomposting of dry green waste", carried out at Hyderabad office, 03-08-2021 to 29-04-2022.
3. Supervisor, UG Project, for one year collaborative research work with Dr. Srinath Suraneni, Associate Prof., department of chemical engineering, NIT- Warangal, external supervisor for two CBIT undergraduate students on project titled 'Simulation Studies on Pyrolysis of Agricultural Waste Biomass', carried out at CBIT campus, 03-08-2021 to 29-04-2022.
4. Co-supervisor, UG-Project, four months collaborative research work with team members from M/s Green Waves Environmental solutions, Visakhapatnam, through MoU with CBIT, as external supervisor for two CBIT undergraduate students on project titled "Design of Aroma Industry with Floral Waste as Raw Material", carried out at Hyderabad office, 18-02-2021 to 31-05-2021.
5. Co-supervisor, UG Project, four months collaborative research work with Dr. Ananth Reddy M, Assistant General Manager (Chemical Research Division), Innovare Labs, Hyderabad, as external supervisor for two CBIT undergraduate students on project titled "Kinetic Studies for increasing the yield of Olmesartan Intermediate", carried out at Innovare Labs, Hyderabad, 24-02-21 to 31-05-21.
6. Co-supervisor, UG Project, six months collaborative research work with Senior scientist Ms. Siva Ramya Sanam, CSIR-NEERI, external supervisor for two CBIT undergraduate students on project titled 'Lake water characterization, water quality index and simulation analysis' carried out at NEERI, Hyderabad Zonal Centre, Tarnaka, Hyderabad, 18-12-2019 to 11-05-2020.
7. Co-supervisor, UG Project, for one year collaborative research work with Dr. Srinath Suraneni, Associate Prof., department of chemical engineering, NIT- Warangal, external supervisor for two CBIT undergraduate students on project titled 'Catalytic esterification for semi-batch reactive distillation for the synthesis of methyl acetate', carried out at NIT-Warangal, during 24-06-19 to 12-03-20.
8. Co-supervisor, UG Project, for six months collaborative research work with Ms. Siva Ramya Sanam, CSIR-NEERI, as external supervisor and Ms. A. Priyanka, Assistant Prof., Biotech as supervisor for three CBIT Biotech undergraduate students, 'Effect of nanoparticles on lake water treatment' carried out at NEERI, Hyderabad Zonal Centre, Tarnaka, Hyderabad, 01-01-2020 to 12-03-2020.
9. Co-supervisor for six months experimental and simulation-based research work with Dr. Srinath Suraneni, Associate Prof., department of chemical engineering, NIT-Warangal, external

Projects Carried out

supervisor for two CBIT undergraduate students, 'Hydrothermal carbonization, modeling and simulation analysis', carried out at Department of Chemical Engineering, NIT-Warangal campus, during 04-06-2018 to 03-12-2018.

AICTE-MODROBS FUNDED LAB

Coordinator, AICTE-MODROBS funding of Rs. 19.02 Lakhs, ref. No.: 9-293/ RIFD/ MODROBS/ Policy-1/ 2014-15(Pvt.)/dt.23-03-2015, for developing 'Computer Applications in Process Industries Laboratory', Chemical Engg. Dept., CBIT, Hyderabad.

No. of Books/ Book Chapter Published with details	<ol style="list-style-type: none"> 1. 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)", S.No 105, pp10887-10914, ESN publications, Tamilnadu, India, Jan 2021. 2. AnjaniMamidala, AkankshMamidala, P V Naga Prapurna, SrinathSuraneni, 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. 3. B. SaiRohith, Naga Prapurna, Kuldeep B. Kamble, Rajmohan K. S., S. Srinath, "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', July 2019.
Invited Speaker	<ol style="list-style-type: none"> 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 to 29-11-2017. 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, 18-08-2017 to 19-08-2017. 4. Keynote Speaker for delivering an invited talk on 'Applied Nano technology in Chemical Engineering.' at three-day International Conference on "Emerging Trends in Synthesis of Nano particles in Agri Biotechnology-Research Commercialisation" organised by Prathista Industries, Secunderabad at Layola Academy campus, Hyderabad, 25-02-2016 to 27-02-2016.
Details of Journal Publications (National and International)	<p>International Journal</p> <ol style="list-style-type: none"> 1. BhushanGoklani, Dr. P.V. Naga Prapurna, Dr. SrinathSuraneni, Simulation of pyrolytic conversion of Walnut shell waste to value added products, Materials Today:Proceedings, Available online 26 August 2022. 2. SaiNitheeshMagasani, 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. Mamidala, Akanksh and Mamidala, Anjani and Prapurna, P.V. Naga, Evolution of Permafrost: An Impact on The Socio-

- Economic Conditions (February 7, 2020). Proceedings of the International Conference on Advances in Chemical Engineering (AdChE) 2020, Available at SSRN:
4. Aarti T, SaiRohith 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, June, Volume 15, Issue 2, pp 1-8.
 5. AnjaniMamidala, AkankshMamidala, 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. AnjaniMamidala, AkankshMamidala, 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.
 7. AnjaniMamidala, AkankshMamidala, 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, pp1818-1828.
 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.
 9. P. V. Naga Prapurna, M. Viswanatham (2016), Kinetics of Industrial Solid Waste as a New adsorbent for Removal of Non-biodegradable Pollutants, IOSR Journal of Environmental Science, Toxicology and Food Technology, Volume 10, Issue 01, pp 1-11.
 10. P. V. Naga Prapurna, R. Navoday, M. Viswanatham (2007), Impact assessment of industrial discharges on the receiving water bodies in two major industrial estates of Hyderabad city – a case study, Journal of Industrial Pollution Control, Volume 23, Issue 02, pp 277-281.
 11. P. V. Naga Prapurna, V.V. NageswaraRao, Selective mixing of industrial wastewater can reduce the load on a CETP-a case study, Journal of Industrial Pollution Control, 22(01), 35-38, 2006.
 12. P. V. Naga Prapurna, K. Madhavi, V.V. NageswaraRao(2005), Contamination of surface water body in an industrial area and its effect on surrounding ground water quality, ActaEcologica, Society for Environment and Development, Volume 27, Issue 02, pp 43-50.
 13. P. V. Naga Prapurna, K. Shashikanth (2002), Pollution level in Hussainsagar lake of Hyderabad-a case study, Pollution Research, Enviro Media, Volume 21, Issue 02, pp 187-190.

National Journal

1. P. V. Naga Prapurna, V.V. NageswaraRao (2005), Statistical analysis of ground water quality parameters in an industrial area, Nature Environment and Pollution Technology, Techno science Publications, Volume 04, Issue 01, pp 139-142.

International Conferences

1. BhushanGoklani, Dr. P.V. Naga Prapurna, Dr. SrinathSuraneni, 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.
2. PallaviPothala, 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, SardarVallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16th - 18th June 2021.
3. SaiNitheeshMagasani, 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, SardarVallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16th - 18th June 2021.

Details of Conferences (National and International)

4. PoojithaKandati, NehaMankala, 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, SardarVallabhbai National Institute of Technology (SVNIT), Surat, Gujarat, India, 16th - 18th June 2021.
5. KalakuntalaRaju, A. Vineeth, Naga Prapurna, V.V.BasavaRao, SrinathSuraneni (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.
6. MamidalaAnjani, MamidalaAkanksh, ThatipalliAashrith, 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.
7. D. Sushmitha, Anjani M, Akanksh M, P.V. Naga Prapurna, Srinath S (2019), Formulation of benzotriazole loaded electrospun cellulose halloysitenanofibers 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.
8. AnjaniM, 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.
9. 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
10. Aarti T, Rohith, Naga Prapurna, Srinath S (2019), Kinetic studies Citrulluslanatus (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.
11. 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 December.
12. AnjaniMamidala, AkankshMamidala, 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. ISBN 978-93-87793-51-4
13. P. V. Naga Prapurna, M. Viswanatham (2016), Flyash column studies for simultaneous reduction of COD and Cr content from tannery effluent, International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation”, 25-27 February.
14. D. Krishna Kant, Dr. P. V. Naga Prapurna, Dr. B. SreedharaRao (2016),Analysis of friction factor and Nusselt number in chevron-corrugated plate and wavy type heat exchanger using ANSYS, International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” 25-27 February.
15. P. V. Naga Prapurna, M. Viswanatham (2014), Studies on metal oxide slag as adsorbent for removal of Cr and Ni from industrial wastewater, International Conference on Environment and Energy (ICEE), JNTUH, Hyderabad, 15-17 December.
16. P. V. Naga Prapurna, M. Viswanatham (2014), Removal of Cu and Znfrom industrial wastewater using metal oxide slag as adsorbent, International Conference on Environment and Energy (ICEE), JNTUH, Hyderabad, 15-17 December.

17. Naga Prapurna, M. Viswanatham (2007), Industrial waste water treatment: economic, efficient & ecofriendly technique—a review, international conference on environment and community development, school of distance education, UniversitiSains, Penang, Malaysia, January.
18. Naga Prapurna, V.V. NageswaraRao (2002), Monitoring of ground water quality of Hyderabad using GIS, ICHWAM - 2002, International Conference on Watershed Management, Dept. of Water Resources, IPGSR, JNTU, Hyd, 2002.
19. P. V. Naga Prapurna, V.V. NageswaraRao, Siva KoteswaraRao.P (2001), Removal of heavy metals from industrial effluents using Bagasse: A case study, Proceedings of International Conference on Industrial Pollution and Control Technologies, Dept. of Environmental Science, IPGS & R, JNTU, Hyderabad, December.
20. Naga Prapurna, M. Viswanatham (2001), Industrial waste water treatment: quest for low cost adsorbents to remove heavy metal pollutants, Proceedings of International Workshop on Integrated Water Management, BangaloreUniv, June.

National Conferences

1. 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.
2. Naga Prapurna, Viswanatham. M (2007), Industrial wastewater characterization and its impact on the receiving water bodies in selected industrial estates of Hyderabad city, National Conference on water and waste management, JNTU college of engg., Kakinada, April.
3. Naga Prapurna, Madhavi.K, Viswanatham.M (2006), Effect of industrial discharges on groundwater in an industrial area of Hyderabad-a case study, National seminar on pollution control in chemical & related industries, St. Stanley College of Engg. & Tech., Patancheru, Hyderabad. October.
4. Naga Prapurna, Jagadishwar. K. A, Kalpana. V. P (2001), Rainwater analysis in and around Hyderabad- a case study, CHEMCON-2001, 54th annual Session of IChE, Chennai, Indian Chemical Engg. Congress December.
5. Naga Prapurna (2001), Recent trends in the removal of heavy metals from industrial waste waters, National seminar on recent trends in industrial waste treatment, Treatwaste-2001, LIT, Nagpur, January.
6. Naga Prapurna, Asma Ahmed, DishaAhuja (2001), Recent trends in the treatment and disposal of solid pharmaceutical waste, National seminar on recent trends in industrial waste treatment, Treatwaste-2001, LIT, Nagpur, January.
7. Naga Prapurna (2000), Analytical overview for water quality assessment, purification and remedies, all India conference on technologies for rural development in Y2K+, Institute of Engineers, Tirupati, June.

1. Chairman - Board of Studies – Chemical enggdept
2. Chairman, Performance Assessment Committee - Chemical enggdept
3. Chairman, Departmental Research Committee - Chemical enggdept
4. Convener, Departmental Research Committee
5. Member, Board of Studies
6. Member, Performance Assessment Committee
7. Member, Course Expert Group
8. Coordinator, Faculty data compilation for AICTE and Surveys
9. Member - Antirragging Committee Member
10. Coordinator for NBA renewal process.
11. Coordinator, ISTE students chapter of CBIT for chemical engg. dept.
12. Coordinator, ISO-DNV certification.
13. Co-coordinator, proposal submission for World bank aid under TEQIP-II.
14. Coordinator, institute newsletter.
15. Timetables incharge.
16. O.U inspection report preparation

Responsibilities held at Department Level

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- Responsibilities held at Institution Level
1. Incharge HoD from 31-05-2021 onwards.
 2. Member, Academic council as HoD-chemical engg. dept., 31-05-2021 onwards
 3. Convener, Women Development Cell, CBIT, 12-04-2021 onwards.
 4. Member, Innovation Teaching-Learning and Evaluation Committee, 12-04- 2021 onwards.
 5. Member, Library committee, 31-05-2021 onwards.
 6. Faculty coordinator, Chaitanya Svaasthya club, from 20-01-2019 onwards.
 7. Vice-Chairman, Chaitanya Reethi–The life style club from 24-07-2019 onwards.
 8. Member, Grievance Redressal committee, 15-03-2019 to 24-02-2020.
 9. Member, student’s feedback committee for B.E first year, Oct 2017.
 10. Head of the department, 18-05-2015 to 18-08-2017
 11. Member, Academic council as HoD-chemical engg. dept., 18-05-2015 to 17- 08-2017
 12. Convener, SUDHEE-2015, annual student technical fest, 29-09-2015 and 30-09-2015.
 13. Member, students’ attendance monitoring committee, 06-08-2014 to 31-01- 2015.
 14. Enumerator for intensive household survey in Ranga Reddy district on 19- 08-2014.
 15. Polling Officer, Telangana state General elections for Legislative Assembly on 30-04-2014.
 16. Member, disciplinary committee for SHRUTHI-2013.
 17. Member, students’ feedback committee for B.E final year, 24-03-2011.
 18. Internal auditor, ISO-DNV certification-CBIT, 06-09-2010.
 19. Member-editorial board, CBIT newsletter, 15-07-2006 to 03-11-2011.
 20. Founder editor, CBES-Newsletter, 20-11-1999 to 14-07-2006
- Organized Workshop, Guest lectures, Seminars / Webinars, FDPs (Academic year July 2017 onwards)**
1. Organized guest lecture on “Dynamics of immersed objects in a Granular medium” by Dr. Anki Reddy Katha, Associate Professor, Department of Chemical Engineering, IIT Tirupati for sem-VI students on 11-03-2022
 2. Women’s day 8th Mar 2022
 3. Anti-drug awareness to first year 03 March 2022
 4. Organized guest lecture (virtual mode) on “Atomistic Modeling using Molecular Dynamics Simulations and its Applications” by Dr. Anoop Kishore, Assistant Professor, MIT for 8th sem students on 04-02-2022
 5. Chairman, organized online workshop for sem-IV students of chemical engineering on “Basics of MATLAB for Chemical Engineers”, 17-01-2022 to 29-01-2022
 6. National girl child day 23 Jan 2022
 7. ChSuraksha launch as Vice-chair ChReethi, Dec 9th 2021
 8. Faculty coordinator, One-day workshop on ‘Nurturing holistic lifestyle among professionals’, by CBIT student club-Chaitanya Reethi, Hyderabad, 12-02-2020.
 9. Department coordinator for CBIT Alumni Meet, ‘Rejoicing Reunion’ on 25- 12-2019.
 10. Vice-chairman, technical committee, one-day national seminar on ‘Water and Environment’, by environmental club-PARIVRITA, CBIT, Hyderabad, 22-03-2018.
 11. 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.
 12. 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.
 13. Chairman, CHEMSPARK- 2K16, two-day annual students’ national seminar, part of SUDHEE-2016, 21-10-2016 and 22-10-2016.
 14. Organizing committee member, two-day annual students’ national seminar, ‘Chemical Engg Congress, SCHEMCON-IICHe-India’, at BVRIT, Medak, 10-09-2016 and 11-09-2016.
 15. Faculty coordinator, one-day workshop on ‘Mechanical Unit Operations for Chemical Engineers’, 05-03-2016.
- Details of Short-Term Training Programs/ Faculty Development Programs/ Seminars/ Workshops. Other Trainings (**Organized**).

16. Faculty coordinator, one-day Workshop on 'MATLAB Applications for Chemical Engineers', by chemical engg. dept., CBIT, Hyderabad, 12-03-2016.
17. Chairman, CHEMSPARK- 2K15, two-day annual students' national technical fest, 29-09-2015 and 30-09-2015.
18. Department coordinator, two-day national technical symposium, 'TechnISTEa', by ISTE student chapter, CBIT, Hyderabad, 20-10-2014 and 21-10-2014.
19. Convener, two-day annual students' national seminar, CHEMSPARK- 2K14, from 28-03-2014 and 29-03-2014.
20. Faculty coordinator, 20-day training program for executive employees of Dr. Reddy's labs, Hyderabad on 'Certificate in Pharma Process Technology', by chemical engg. dept., CBIT, Hyderabad, 10-12-2013 to 31-12-2013.
21. Faculty coordinator, 90-day training program for SMT employees of Dr. Reddy's labs, Hyderabad on 'Certificate in Pharma Process Technology', by chemical engg. dept., CBIT, Hyderabad, 16-09-2013 to 27-12-2013
22. Faculty coordinator, 30-day training program for executive employees of Dr. Reddy's labs, Hyderabad on 'Certificate in Pharma Process Technology', by chemical engg. dept., CBIT, Hyderabad, 12-09-2013 to 23-10-2013.
23. Coordinator, 'CHEMQUIZ-2013', technical quiz for chemical engineering students during SHRUTHI, CBIT, Hyderabad, 14-03-2013.
24. Faculty coordinator, invited lecture for students on 'Water optimization in process industries', by Sri.K.V.J.MohanRao, COO, Albarka Plastics and Beverages in Nigeria, Kaduna, on 21-02-2013.
25. Faculty coordinator, two-day student workshop on 'Applications of MATLab and ChemCAD in Chemical engineering', Sri.Ravichand, consultant and Sri.Haribabu (2009 Alumni) as resource persons, on 05-10-2012 and 06-10-2012.
26. Staff coordinator, one-day students' industrial visit to Enfab Industries and Nile industries, Hyderabad, on 10-03-2012.
27. Faculty coordinator, invited lecture for students on 'Process Modeling Simulation and Optimization', by Dr.C.Ramanujam, G.M, Indosoft tech., on 21-08-2010.
28. Faculty coordinator, one-day students' industrial visit to NFC, Hyderabad on 17-03-2010.
29. Convener, three-day workshop, SIMPACK-08, 'Awareness programme on simulation packages for chemical engineers', sponsored by IIPC-AICTE, New Delhi, Sri.Ravinder Reddy, ANSYS as resource person, on 23-07-2008 and 25-08-2008.
30. Faculty coordinator, one-day workshop on 'Application of Simulators in Chemical Engg.', on 18-09-2007.
31. Faculty coordinator, one-day hands-on workshop for students on 'The use of process simulators-PRO-II software package', by department Alumni, Sri.V.V.Prasad (1999 batch) and Sri.KedarMadhekar (2005 batch) on 08-09-2007.
32. Faculty coordinator, eight-day students' Industrial tour-Kerala, by chemical engg. dept., CBIT, Hyderabad, 29-04-2007 to 06-05-2007.
33. Staff coordinator, one-day students' industrial visit to Alumni owned 'Virchow labs Ltd.', Hyderabad, on 23-12-2006.
34. Faculty coordinator, invited lecture for students on 'Nuclear power – challenges in chemical engg.', by Sri.B.Prahalad, Senior manager-NZOP, NFC, Hyderabad on 21-09-2006.
35. Faculty coordinator, two-night students' Industrial tour to 'Manuguru Heavy Water plant', Khammam, on 16-09-2006.
36. Organizing secretary, one-day panel discussions workshop on 'Curriculum development for B-Tech biotechnology', CBIT, Hyderabad, 18-12-2004.

Participated in FDPs, Webinars / Seminars, Conferences, Workshops, Talks, Courses (Academic year July 2017 onwards)

1. One-Week Online ATAL – FDP on "Recent trends in Upstream Petroleum Technology", organized by Dibrugarh University, 07-03-2022 to 11-03-2022
2. One-Week Online FDP on "Recent trends on Smart Materials and their Applications", organized by Dept of Physics,

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

Humanities and Sciences, Vardhaman College of Engineering, Hyderabad, 07-02-2022 to 11-02-2022

3. 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
4. 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
5. 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
6. 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
7. One-day webinar on Engineering our way to superior surfaces for industrial benefit, 14th M.P.Chary Memorial Lecture delivered by Dr. Shrikanth Joshi, Prof., University West, Sweden, Organized by IChE-HRC, and UCT-OU student chapter, OU, Hyderabad on 31-07-2021.
8. One day webinar on Integrating scopus research workflow organized by Elsevier on 14-07-2021
9. One-day national webinar on “How to Jumpstart your career in Artificial Intelligence and Machine Learning”, organized by Mishra Dhatu Nigam Ltd, in ‘Commemoration of India@75’, 08-07-2021.
10. Participated in the three-day International Conference on Green Chemistry and Engineering towards Sustainable Development- An Industrial Perspective, Department of Chemical Engineering, organized by Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India, Jun 16th-18th, 2021.
11. Two-day Online International workshop on “Stress & Coping: strategies to De-stress”, organized by Women Empowerment Cell, Gitam University, Visakhapatnam, India, on 12-06-2021 and 13-06-2021.
12. One-day webinar on “How to write a book?”, Organized by Maahiya Research labs and ESN publications, on 06-06-2021.
13. One-day AICTE-national level Online Seminar on Implementation of National Education Policy – 2020, Organized by ISTE and Department of Computer Science and Engineering, JNTUHCE, Jagtial on 31-03-2021.
14. Three-day Online National workshop on “Future of Chemical Engineering” organized by Department of Chemical Engineering, IIT (ISM), Dhanbad and IChE, Dhanbad Regional Centre, sponsored by TEQIP-III, from 19-03-2021 to 21-03-2021.
15. One-Week AICTE-Online faculty training programme for Mentors organized by National Initiative for Technical Teachers Training, from 01-02-2021 to 05-02-2021.
16. 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.
17. Attended 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.
18. One-day webinar on “Bioenergy: Transition and Technology”, Organized by Center for Energy and Environment, NIT Jalandhar, sponsored by TEQIP-III on 03-07-2020
19. One-week online refresher course on ‘Bharateeya Chaitanyam’, organized by Geervana Bharathi of Chaitanya Samskruthi, CBIT, Hyderabad, 29-06-2020 to 05-07-2020.
20. One-week online Faculty Development Programme on ‘Industry 4.0 - A Vision of Design and Manufacturing’, organized by dept. of Mechanical Engg., CBIT, Hyderabad, 16-06-20 to 20-06-20.
21. One-week online Faculty Development Programme on ‘Outcome Based Education and NBA Accreditation-UG’, organized by CBIT, Hyderabad, 28-05-2020 to 01-06-2020.
22. 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.

23. 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.
24. One-week Faculty development program on 'Behavioral Skills and Teaching Techniques', at Mahindra-Satyam learning world, Hyderabad, 21-06-2012 to 29-06-2012.
25. One-day online webinar on Bioenergy: Transition and Technology, organized by Center for Energy and Environment, Dr. B.R.Ambedkar N.I.T.Jalandhar, Punjab, 03-07-2020.
26. Online Leadership talk by Mr. Shridhar Venkat, CEO (Akshaya Patra Foundation) on 'Opportunities for youngsters in Akshaya Patra and social entrepreneurship', organized by Dr. Abhay Jere, Chief Innovation Officer, MHRD's Innovation cell, AICTE, 20-06-2020.
27. Online CBIT one-day workshop on 'Social responsibility and Community engagement', 17-06-2020.
28. Webinar on 'CO-PO Attainment Computation-Outcomes Analysis', Inpods India pvt. ltd., Pune, 13-06-2020.
29. Online Leadership organised by Dr. Abhay Jere, Chief Innovation Officer, MHRD's Innovation cell, AICTE, 06-06-2020.
30. 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.
31. Online Leadership talk by Shri Mahesh Babu, CEO, Mahindra Electric Mobility Ltd on 'Scenario of Automobile-industry in post covid world', organised by Dr. Abhay Jere, Chief Innovation Officer, MHRD's Innovation cell, AICTE, 23-05-2020.
32. Webinar on 'Covid Virus disease evolution and pathogenicity', Narayana Pharmacy college, KLU, Vijayawada, 23-05-2020.
33. Online Technical Talk cum Webinar 'Research Based Implementations on Social Media Mining and Sentiment Analysis', IE(I), Punjab State Chapter, 20-05-2020.
34. Webinar on 'Cyber security', Storm Overseas Education, 16-05-2020.
35. Webinar on 'Digital Productivity & Effectiveness Strategies', Storm Overseas Education, 15-05-2020.
36. Online AICTE and Elsevier one-day workshop on 'Research Workflows, Research Metrics and Excellence in Academic Institutes', 14-05-2020.
37. Webinar on 'Image quality measures', Chennai Institute of Tech Knowledge – 4.0, 13-05-2020.
38. Webinar on 'Digital Transformation of Business Administration', Storm Overseas Education, 12-05-2020.
39. Webinar on 'Machine Learning with Python', PanTech Learning, E-bytes, 09-05-2020.
40. Webinar on 'Opportunities for Start Ups in current situation', Chennai Institute of Tech Knowledge–4.0, 08-05-2020.
41. Webinar on 'Research Challenges in Data Mining', Chennai Institute of Tech Knowledge – 4.0, 06-05-2020.
42. Webinar on 'Hangout with Successful Start Ups', Chennai Institute of Tech Knowledge – 4.0, 05-05-2020.
43. Online Leadership talk by Dr. Madhuri Kanitkar, Lieutenant General on 'Women in Army: Work-life balance', organised by Dr. Abhay Jere, Chief Innovation Officer, MHRD's Innovation cell, AICTE, 02-05-2020.
44. 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.
45. Webinar on 'Sustainable Development Goals-Access to improved Governance', Centre for Innovations in Public Systems, ASCI, 18-04-2020.
46. One-day workshop on 'Significance of MATLAB in applications of emerging technologies' by dept. of EEE, CBIT, Hyderabad, 26-06-2019.
47. 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.
48. 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.