

Name of Faculty Sri.K. PRASAD BABU
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 16 – 08 - 2010
 E-mail kprasadbabu_chem@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CHEMICAL ENGG.)	Thesis submitted
PG	M. Tech. (MINERAL ENGG)	First Class with Distinction
UG	B.TECH. (CHEMICAL ENGG)	First Class with Distinction

Work Experience	
Teaching	11 Years
Research	06 years
Industry	03 Months
Others	--

Area of Specialization Advance Separation Process, Mineral Processing.

Professional Memberships 1.Member, Indian Institute of Chemical Engineers (IICChE) Number: 44885

2. Member of (IFERP) Institute for Engineering Research and publication.

Responsibilities held at Institution Level
 1. Member, SHRUTI Faculty Sports 2012 to till date.
 2. Internal ISO Auditor 2017 to till date.
 3.Member of SC/ST Cell

Responsibilities held at Department Level
 1. Incharge for Department Time tables 2012 to till Date.
 2. ISO Coordinator 2015 to till date.
 3. NAAC, Department Level Committee Member,2017.
 4.Incharge for Industrial Visits 2017 to till date
 5.Incharge for Organizing Guest Lectures 2017 to 2019
 6. In charge for Website Maintenance 2015 to 2019.
 7. Faculty Class Coordinator 2011 to 2020.
 8.Incharge for Academic Audit 2019 to 2020
 9. Incharge Department Library 2015 to 2019.
 10. Incharge for various Laboratories.
 11. Incharge Graduation Day 2018 & 2019.
 12. Antiragging Committee Member.
 13.NBA Coordinator
 14.IIChE Student chapter Coordinator

Research Guidance --

Awards Received --

Courses Handled at Under Graduate Level
 Chemical Engineering Thermodynamics –I & II, Chemical & Bio Chemical Thermodynamics, Mass Transfer Operations-I, Organic Chemical Technology, Inorganic Chemical Technology, Material Science & Instrumentation, Fertilizer Technology, Mineral Processing Technology, Energy Engineering.

No. of Papers Published National Journals – Nil International Journals –07

National Conference – 01 International Conference – 04

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

Attended Online One Week FDP AICTE sponsored Short Term Training Programme (STTP) on "Recent Trends in Emerging Devices & Nano technology Phase-I held during 1st to 6th June 2021 organized by the National Institute of Science & Technology, Berhampur, India.

Faculty Development Programme (online mode) on "Recent Trends In Advanced Materials Science and Engineering Technology (RTAMSET-21)" organized by Chemistry department, CBIT, 8th to 12th March 2021.

Attended three-day online workshop on "Future of Chemical Engineering" sponsored by TEQIP-III and jointly organized by the Department of Chemical Engineering, IIT (ISM) Dhanbad and IChE, Dhanbad Regional Center during 19th – 21st March 2021.

Attended AICTE Sponsored Faculty Development Programme (Online Series - I) on "RECENT TRENDS IN NANO MATERIALS AND ITS APPLICATIONS (NANO-APP 2021)" organized by Department of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore – 641 014, Tamil Nadu, India during 15th - 27th February 2021

Attended Online One Week FDP on "Recent Innovations in Chemical Engineering (RICE)" Organized by Department of Chemical Engineering, BKIT Bhalki from 29th June to 03rd July, 2020.

Attended Online One Week FDP on OUTCOME BASED EDUCATION Conducted by Govt. Engineering College, Karad Association with AICTE, Delhi, 2020.

Attended Online One Week FDP on OUTCOME BASED EDUCATION & NBA Accreditation Conducted by CBIT, Hyderabad, 2020.

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

Attended Online One Week FDP on Technical Teachers Training Conducted by AISSE Engineering College, Pune, 2020.

Completed 08 Weeks Online NPTEL Certification course on "Waste to Energy Conversion". February and March, 2020.

Completed 12 Weeks Online NPTEL Certification course on "NBA Accreditation and Teaching - Learning in Engineering (NATE) "January to March, 2020.

Participated and Received Certificate in the 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 28th April to 22nd May 2020 during COVID-19 nationwide Lockdown.

Attended 10 Online Leadership Talks Organized by MHRD, AICTE, New Delhi, 2020

Organized NATIONAL CONFERENCE ON "ADVANCED RESEARCH AND TECHNOLOGY IN CHEMICAL ENGINEERING AND ITS ALLIED FIELDS" **Theme: Exploring the latest trends in Process Engineering** (22nd & 23rd MARCH 2019).

Attended one day workshop on "Usage of ICT Tools in Teaching Learning Process" at In-house training centre CBIT Hyderabad, 2019.

Organized One day workshop on "THE BEST MANUFACTURING PRACTICES IN CHEMICAL INDUSTRY" in Collaboration with Dr. Reddy Labs, Hyd for B.Tech Chemical Engg students (1st yr to 4th yr) on Jan 31st 2018.

Attended One week AICTE QIP Short Term Course on "Development of Chemical Engineering Thermodynamics Laboratory for Under graduates" Organized by IIT, Madras, from January 21-27, 2018.

Convener, CHEMSPARK-2K15, 2K16, 2K17 & 2K19, TWO-DAY National level students' technical symposium, organized under the banner of SUDHEE in CBIT campus, Hyderabad.

Details of Journal Publications/
Conferences (National and
International)

International/National Journals from the Year 2017

1. Recovery of Copper by Using Flotation Techniques and microbe- mineral surface interaction, Published in International Journal of Engineering & Technology, 7 (3.29) (2018) 732-736, IJET (UAE) **Scopus Indexed** Journal, 2018.
- 2."Effects of operating Parameters on Recovery of non-floatable Coal by Column flotation "International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 12 (2018) pp. 10462-10469
- 3."Effectiveness of Bio-Activated Carbon Filtration and Ozonation on Control of Halo Acetic Acids Formation during Chlorination of Ganga RiverWater at Kanpur, India" Ozone: Science & Engineering, The Journal of the International Ozone Association,**SCI Journal** ,ISSN: 0191-9512 (Print) 1547-6545 (Online) Journal homepage: <https://www.tandfonline.com/loi/bose20>.
- 4."Recovery of Cu from Complex Ore (Cu-Zn) by Flocc-Flotation"International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM),UGC Approved Journal, Volume 54 Issue 2 May 2019,ISSN 2320-6608,Pg 229-233.
5. "The Concrete Incorporated With Zeolite for Reducing Atmospheric Carbon Dioxide."International Journal of Recent Technology and Engineering (IJRTE),ISSN: 2277-3878, Volume-8 Issue-6, March 2020 March ,2020. Elsevier Scopus Index Journal.
- 6."Exploration for strategic placer mineral deposits in a fluctuating shoreline: Depositional environment and mineralogical characterization of the NE Odisha coast placers, India" Elsevier ,Ore Geology Reviews 127 (2020) 103850.<https://doi.org/10.1016/j.oregeorev.2020.103850>
- 7."Extraction of finely dispersed low grade Iron ore by froth flotation", European Journal of Molecular & Clinical Medicine,ISSN 2515-8260,Volume 07, Issue10 , 2020

International/National Conferences from the Year 2017

1. Presented Paper on "A Study on fine Coal beneficiation using Hydro cyclone Classifier" International conference on Mineral Processing Technology, Chennai, 2018.
2. Presented Paper on "Recovery of Copper by Using Flotation Techniques and microbe- mineral surface interaction" at International Conference held at BVRIT, Narsapur, 2018.
3. Presented Paper on "Fuel oil from plastic waste" International e-Conference on Materials Processing & Characterization (ICMP&C-2020) on 18th & 19th September, 2020.Chaitanya Bharathi Institute of Technology (A), Hyderabad.
4. Presented Paper on " Extraction of finely dispersed low grade Iron ore by froth flotation", International e-Conference on Sustainable Innovation, research & emerging trends in Entrepreneurship held at Pratap University,Jaipur 06th April,2021.