

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 Engineering)	Pursuing
PG	M. Tech. (Mineral Engineering)	First Class with Distinction
UG	B.Tech. (Chemical Engineering)	First Class with Distinction

Work Experience

Teaching	10 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 (IIChe) Number: 44885
2. Member of (IFERP) Institute for Engineering Research and publication.

Responsibilities held at Institution Level

Responsibilities held at Department Level

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1. ISO Coordinator 2015 to till date.
 2. NAAC, Department Level Committee Member, 2017.
 3. Incharge for Industrial Visits 2017 to 2019
 4. In charge for Website Maintenance 2015 to 2019.
 5. In charge Department Library 2015 to 2019.

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 –06
 National Conference – 01 International Conference – 03

Projects Carried out

Patents

Technology Transfer

Invited Speaker

No. of Books/Chapter Published with details

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

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1. 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.
 2. Attended Online One Week FDP on OUTCOME BASED EDUCATION Conducted by Govt.Engineering College,Karad Association with AICTE,Delhi,2020.
 3. Attended Online One Week FDP on OUTCOME BASED EDUCATION & NBA Accreditation Conducted by CBIT, Hyderabad, 2020.
 4. Attended Online One Week FDP on Technical Teachers Training Conducted by AISSE Engineering College, Pune, 2020.
 5. Completed 08 Weeks Online NPTEL Certification course on “Waste to Energy Conversion”.February and March, 2020.
 6. Completed 12 Weeks Online NPTEL Certification course on “NBA Accreditation and Teaching - Learning in Engineering (NATE)

- "January to March,2020.
7. 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.
 8. Attended 10 Online Leadership Talks Organized by MHRD, AICTE, New Delhi, 2020
 9. 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).
 10. Attended one day workshop on "Usage of ICT Tools in Teaching Learning Process" at In-house training centre CBIT Hyderabad, 2019.
 11. 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.
 12. 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.
 13. Convener, CHEMSPARK-2K15, 2K16, 2K17 & 2K19, TWO-DAY National level students' technical symposium, organized under the banner of SUDHEE in CBIT campus, Hyderabad.

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 River Water 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. "Source evaluation, depositional environment and mineralogical characterization leading to the exploration of strategic placer mineral deposits in a fluctuating shoreline from the NE Odisha coast, India." Ore Geology Reviews Journal, Elsevier, submitted June 2020. (Under Review).

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.