

Name of Faculty Mrs. S. Sumithra
 Designation Assistant Professor
 Nature of Job/Appointment Regular



Date of Joining 28-06-2010

E-mail ssumitra_biotech@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (BIOTECHNOLOGY)	REGISTERED on 23 rd February, 2013.
PG	M. Tech Biotechnology	Distinction
UG	B. Tech (Chemical Engineering)	Second

Work Experience

Teaching	12 Years
Research	--
Industry	--
Others	--

Area of Specialization Chemical Engineering

Professional Memberships

Responsibilities held at Institution Level --

1. Maintaining student project list and file
2. Coordinate with library for procuring new books and looking after the departmental library
3. Collect information from VIII Semester students regarding their Higher studies along with proofs and maintain files. Guide the students towards right opportunities
4. Collect ARIIA-department related data along with proofs
5. Review the syllabus, introduce new subjects, frame COs as per Blooms Taxonomy
6. Interacting with stakeholders regarding the improvement of POs, PSOs and PEOs
7. Interact with experts from academia and industries for new Curriculum design
8. Interacting with stakeholders regarding the improvement of POs, PSOs and PEOs
9. Coordinate with the industries for setting the MoU with department
10. Motivate and counsel the students for career development and maintain the record for the assigned students
11. Overall coordinator for UHV activities in the department.

Responsibilities held at Department Level

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.

1. Chemical and Biochemical Thermodynamics
2. Process Engineering principles
3. Bio reaction Engineering
4. Fluid mechanics and Heat transfer
5. Mass transfer operations
6. Bioprocess economics and Plant design
7. Computer applications in bioprocess industries
8. Pharmaceutical Biotechnology
9. Process principles and reaction engineering
10. Fluid mechanics and Heat transfer Lab
11. Mass transfer operations Lab

No. of Papers Published

National Journals – 00	International Journals – 05
National Conference – 00	International Conference – 00

Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker	--
No. of Books/Chapter Published with details	--

FDP/STTP/conference Attended:

1. One week Faculty development programme on "Research Practices in Thermo-Fluid and Renewable Energy Systems" organized by department of mechanical engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana, 501301, from 28/06/2021 to 03/07/2021.
2. Five day Faculty development programme on "Recent Trends in Advanced Materials Science & Engineering Technology" during 8/3/2021 to 12/3/2021 organized by department of chemistry, CBIT, Hyderabad. organized by National Institute of Technology (NIT) Patna.
3. Five day online Faculty development programme on Universal Human values for Deeksharambh(Student Induction programme) during 23/11/2020 to 27/11/2020.
4. One week Refresher course on Bharathiya Chaitanyam during 29/6/2020 to 5/7/2020. organized by Geervana Bharathi, CBIT, Hyderabad.
5. A one week faculty development programme on "Outcome based education and NBA Accreditation process" during 28-05-2020 to 01-06-2020.
6. Capacity building training programme on "IP strategy for startups and Entrepreneurs during 14-10-2019 to 18-10-2019 at National Institute for Micro, Small and medium enterprises (ni-msme), Yousufguda, Hyderabad, 500045.
7. 4. Refresher Course during 02-03-2015 to 24-03-2015 conducted by JNTU-Hyderabad.
8. 5.77th Orientation Course during 17-10-2013 to 16-11-2013 conducted by Academic staff college, Osmania University, Hyderabad.

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

Conference/Seminar/Symposia/fdp/Workshops Organized

1. organized a webinar on " Entrepreneurship for Biotechnologists" on 12/02/2021 by Dr.Zahoorullah.S.MD, Chief innovation officer, ATAL Incubation Centre, ALEAP Industrial estate JNTU, Kukatpally, Hyderabad at CBIT, Hyderabad.
2. Organized a webinar on "IPR-Trademarks-GI-Case studies in Biotechnology" on 23/04/2021 by Mr. M. Vijay Kumar, Technical member, Trade Marks, Intellectual property Appellate Board. Government of India.
3. Organised a Guest Lecture on Relevance of Environmental concerns in the context of innovation start-ups and entrepreneurship on 27th September 2020 from 10:30 am to 12:00P CBIT Gandipet Hyderabad-500075
4. Worked as Coordinator in conducting One Week Webinar cum Faculty Development Program Series on "Current Progress and Future Prospects of Biotechnology", organized by the Department of Biotechnology, CBIT in association with Andhra Pradesh Akademi of Sciences from 08th to 13th June 2020.
5. Worked as organizing committee member in conducting

Two-day National level technical symposium entitled "NEOZION' 19" September 2019.

6. Conducted a two day National level workshop on "Innovations on waste treatment to generate bioenergy".during 06-042016 to 07-04-2016 at CBIT,Gandipet,Hyderabad-500075
7. Worked as organizing committee member in conducting Two-day National level technical symposium entitled "NEOZION' 17" on September 2017.
8. Organized Technical Symposium NEOZION in 2016 at CBIT.

Workshops/webinars Attended:

1. Participated in the IIC Online Sessions Conducted by Institutions Innovation council of MHRD's Innovation cell to promote innovation, IPR, Entrepreneurship and start-ups among HEIs from 28th April to 22nd May 2020
2. Leadership Talk with Shridhar Venkat, CEO (Akshay Patra Foundation) held on 20th June 2020 by MHRD'
3. Leadership Talk with Shashi Shekhar, (CEO- Prasar Bharati) held on 11th July 2020 by MHRD.
4. Attended workshop "Patent search on aspects of Search strategies and techniques" at CBIT, Hyderabad on 20th July, 2019.
5. Workshop on Innovations in Waste, Water, and Energy Technologies for Rural Development during 13th and 14th July 2015.

22 Details of Journal Publications/
Conferences (National and
International)

International Publications:

1. Sumithra.S, Swamy.A.V.N and Basava Rao V.V.V , Experimental studies on lactose biodegradation of dairy effluent by K.lactis.,international journal of advanced research.volume(4),issue-7,2196-2200,2016,issn no-2320-54079 impact factor-5.336.
2. Sumithra.S, Swamy.A.V.N and Basava Rao V.V.V, Aerobic biodegradation of dairy wastewater by fluidized bed bio reactor. international journal of advanced research. volume(4),issue-12,2196-2200,2016,issn no-2703-2706 impact factor-6.118.
3. Sumithra.S,Implementation of bioremediation concept in the treatment of textile effluent. international journal of advanced research.volume(7),issue-5,1289-1293,2019,issn no-2320-5407 impact factor-7.08
4. PV Parvati Sai Arun, Vineetha Yarlagaadda, Govindugari Vijaya Laxmi, and Sumithra Salla Computational analysis of the hypothetical protein P9303_05031,2019 from marine Cyanobacterium Prochlorococcus marinus MIT 9303,