

Name of Faculty Dr. Swapna Vadlamani
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 16/08/2019
 E-mail vswapna_chem@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Biotechnology)	Awarded
PG	M. Tech (Chemical Engineering)	Distinction
PG	MS(Molecular Bioengineering Germany)	Distinction
UG	B. Tech (Chemical Engineering)	Distinction

Work Experience

Teaching 10 Years
 Research 2 Years
 Industry --
 Others --

Area of Specialization Process Optimization and Biotechnology
 Professional Memberships --

Responsibilities held at Institution Level Innovation Ambassador
 Responsibilities held at Department Level
 1. IQAC Coordinator,
 2. Session Chair in concept idea presentation in SUDHEE (CHEMSPARK 2K19)
 3. Coordinators Shruthi

Research Guidance Guided 8 MTech students and Co-guide for one PhD students and 10 UG students

Awards Received
 1. Telangana associate Fellow 2016
 2. GATE Fellowship (2001): Secured 83.5 percentile in the Graduate Aptitude Test for Engineering Examination conducted by The All India Council of Technical Education (AICTE), Govt. of India.
 3. Scholarship for securing above 550 during Secondary education by Secondary Board of Education
 4. Above Distinction all through my career.

Courses Handled at Under Graduate / Post Graduate Level Process Instrumentation, Thermodynamics, Process dynamics and control, Biostatistics, Biotechnology Mass transfer –II, numerical methods in chemical engineering

No. of Papers Published National Journals – Nil International Journals – 8
 National Conference – 1 International Conference – 7

Projects Carried out --
 Patents --
 Technology Transfer --

Invited Speaker

1. Invited speaker for NIPER Hyderabad Telagana sponsored training
2. Orientation Session for students and faculties of Institute by Innovation Ambassador on 10-3-21 at 7 pm.

No. of Books/Chapter Published with details

1. Book titled "Biofuels and Bioenergy: A techno-economic approach" published by Elsevier.

Short term courses/FDP/ Workshops attended

1. Attended 2 days National workshop as convener on "Recent advances in Chemical Process Simulation using Aspen Plus" during 26/09/2019 to 27/09/2019
2. Online 1 week national level FDP on Outcome Based Education: A Step towards excellence, organized by Govt. College of Engg., Karad, (Satara) MH and Rajkiya Engg. College, Azamgarh, UP (Mentee Institute), Sponsored by AICTE New Delhi, online platform CISCO-WEBEX, during 11/05/2020 to 15/05/2020.
3. Attended 5 day National level Online Faculty development programme on "Artificial Intelligence" organized by CBIT in collaboration with Brain-O-Vision India Pvt. Ltd. during 22/05/2020 to 26/05/2020.
4. Successfully completed a One week Faculty Development program on "Outcome Based Education and NBA Accreditation Process (UG)", during 28-05-2020 to 01-06-2020
5. "Sustainable Design of Chemical Process Plants by Using ASPEN PLUS and ASPEN HYSYS Simulating Tools" 21-09-2020 to 26-09-2020.
6. "Machine learning applications in Drug Discovery: Basics to Advanced" organized by the Department of Biotechnology, VIGNAN'S Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi, India.

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

MOOCs/online certification courses

7. Online L4G Courseera 4 weeks Course on "Machine Learning"
8. Online L4G Courseera 4 weeks Course on "Convolutional Neural Networks"
9. Online 12 week SWAYAM-NPTEL certification course on "Advanced Thermodynamics" (IIT Guwahathi)
10. Online 8 week SWAYAM-NPTEL certification course on "Data Science for Engineers" (IIT Madras)
11. Online 8 week SWAYAM-NPTEL certification course on "Data Mining" (IIT Kharagpur)
12. Online 8 week SWAYAM-NITTT Module 1 on "Orientation towards Technical Education and Curriculum Aspects" (exam pending)
13. Online 8 week SWAYAM-NITTT Module 7 on "Creative Problem Solving, Innovation and Meaningful R&D" (exam pending)

Details of Journal Publications/ Conferences (**National and International**)
Publications:

1. Sana, Sravani, Ramya Tokala, Deepti Madanlal Bajaj, Narayana Nagesh, Kiran Kumar Bokara, Gaddam Kiranmai, Uppu Jaya Lakshmi, Swapna Vadlamani, Venu Talla, and Nagula Shankaraiah. "Design and synthesis of substituted dihydropyrimidinone derivatives as cytotoxic and tubulin polymerization inhibitors." Bioorganic chemistry 93 (2019): 103317.
2. Vadlamani, Swapna; Kumar, Siva; Pooladanda, Venkatesh; Godugu, Chandrai, Anti cancer Potential of Cholesterol Lowering drug Lovastatin and its New Analogues. Journal of Pharmaceutical Sciences and Research; Cuddalore Vol. 11, Iss. 9, (Sep 2019): 3331-3338.
3. S Vadlamani, V Srilekha, Process Development and optimization of new analogues of Isatin. Int J Pharma Bio Sci 9 (1), 132-142
4. Vadlamani, Swapna, Sodium-glucose co-transporter 2 (SGLT2) Inhibitors: New Target for Type 2 Diabetes Mellitus (T2DM) Review(2018) . Der Pharma Chemica.