

**Srinidhi R. Kulkarni****Assistant Professor**

Department of Chemical Engineering  
Bapuji Institute of Engineering & Technology,  
Davangere – 577004

**Mob:** +91-8884699930

**Email:** srinidhi222861@gmail.com

---

**RESEARCH INTEREST:**

Environmental Sciences, Mass Transfer, Momentum Transfer and Computer applications and Simulation.

**TEACHING EXPERIENCE:**

- Working as Assistant Professor from October 2021 till date in Department Chemical Engineering of Bapuji Institute of Engineering and Technology, Davangere.

**EDUCATIONAL QUALIFICATION:**

- M.Tech [Environmental Engineering] from Bapuji Institute of Engineering and Technology in 2018-2020 with First Class with Distinction.
- B.E [Chemical Engineering] from Bapuji Institute of Engineering and Technology, Davangere in 2009 with First Class.

**DISSERTATION DETAILS:**

**Title:** Assessment of ambient air quality status and Air Quality Index at selected areas of Davangere.

**Description:**

To analyze the current status of air quality and pollution level in the city due to various activities and also to know the Air Quality Index of selected areas in the Davangere and to analyze the amount of pollutants  $PM_{10}$ ,  $SO_x$ ,  $NO_x$  existing levels in the city.

**CORE SUBJECTS TAUGHT:**

Mass Transfer Operations, Industrial pollution control, Industrial management, Computer application and modeling, Material Science.

### **SEMINAR/ WORKSHOPS ATTENDED/PRESENTED:**

- Attended FDP on ***Recent Advances in Wastewater Treatment and Recycle*** held from 16<sup>th</sup> - 19<sup>th</sup> November 2021 Organized by Department of Chemical Engineering, SDM college Dharwad
- Attended a 2 days' workshop on **“Implementation of National Education Policy-2020”** organized in BIET in association with VTU, Belagavi on 10 and 11<sup>th</sup> December.
- Attended one week online FDP on “Myriad Regimes possessing the potentiality for chemical Engineers” from 14<sup>th</sup> to 19<sup>th</sup> February 2022 organised by MSRIT.
- Attended IP awareness Program organized by NMIT, Bangalore on May 23<sup>rd</sup> 2022.
- Attended online webinar on “Open source tools for research and development” organized by SJCIT, Bangalore on 05<sup>th</sup> February 2022.
- Attended and completed 5 days FDP **“Inculcating Universal Human values in Technical Education”** organized by AICTE from 09-13<sup>th</sup> May 2022.
- Attended 5 day FDP from 8<sup>th</sup> to 12<sup>th</sup> November on **“Recent Advances in Chemical Engineering-2022 (RACE-22)”** organized by Rajalakshmi Engg. College, Chennai.
- Participated 5 day online FDP from 21<sup>st</sup> to 25<sup>th</sup> November on **“ Recent Trends in Chemical and Petrochemical Industries”** organized by JCT college of Engg, and Technology.
- Attended 5 day FDP on **“Data Analytics and Data Science”** from 30<sup>th</sup> January to 03<sup>rd</sup> February organized by Department of Information science, BIET.
- Completed 12 weeks FDP course on **“Data Analytics and Python”** conducted by NPTEL during January to April 2023.

### **SPONSORED PROJECTS:**

Sl. No.	Academic Year	Project title	Guide name	Funding Agency	Amount sanctioned Rs.
1	2022-23	Investigation of moisture retention properties of cotton fabric through biopolymer coating to grow saplings	Srinidhi R Kulkarni Amarnath P C	<b>KSCST</b> 46S_BE_3276	6000=00
2	2021-22	Decolourization and COD reduction of textile waste water by advanced oxidation process	Srinidhi R Kulkarni Amarnath P C	<b>KSCST</b> 45S_BE_0050	10000=00

**PAPER PUBLISHED:**

- Published a journal paper “Assessment of ambient air quality status and Air quality index at selected areas of Davanagere city” in International Journal of Engineering and Technology (IRJET) Volume 7 Issue 8 August 2020.

**MEMBER OF PROFESSIONAL BODIES:**

- Life time member of Institute of Engineers, Kolkata.
- Life time member of ISTE.

**EXTRA CURRICULAR ACTIVITIES:**

- Classical dance Teacher at “Natyabharathi Shastriya nruthya mattu sangeeta kalakendra” Davangere.
- Invited as judge member for “Face painting competition” organized on the occasion of Womens day 2022.
- Invited as External examiner for Bharathanatyam Junior grade and senior grade examination in 29<sup>th</sup> and 30<sup>th</sup> January 2023, 04<sup>th</sup> and 5<sup>th</sup> February 2023.
- Invited as Judge for Ethnic day event at Athani First grade womens college, Davangere on 29-06-2022.
- Organised “Anthyakshari” program twice in the department for students.
- Participated in “Koti kanta Gayana” organized by kannada and culture department, Govt. of Karnataka on 30<sup>th</sup> October 2022.
- Invited as judge for classical dance competition at “Yuva Janothesava Fest” organized by youth welfare department on 29<sup>th</sup> November 2022.
- Invited as judge for group dance competition at “Government employees cultural fest” organized by youth welfare department, Govt. of Karnataka on 09<sup>th</sup> January 2023.
- Mentor of the department for Davana-22 and 23. In Davana-22 overall seven prizes were secured and in Davana-23 one prize were secured.

**WEBINARS/WORKSHOP ORGANISED:**

<b><u>Sl. No</u></b>	<b>Name of the Course</b>	<b>Place</b>	<b>Duration/ Period</b>	<b>Sponsoring Agency</b>
1	Organizing Committee Member, five day training workshop on Unisin Process Simulation Software for chemical engineering students.	BIET, Davangere	20-12-2021 to 24-12-2021	Department of Chemical Engineering, BIET Davangere
2	Organizing Committee Member, National Level Students' Symposium-Chemexcel-2022.	BIET, Davangere	29-06-2022	Department of Chemical Engineering, BIET Davangere ISTE IEI
3	Organizing Committee Member, webinar on Innovations through Design Thinking	BIET, Davangere	09-05-2022	Department of Chemical Engineering, ISTE