Srinidhi R. Kulkarni

# Assistant Professor

Department of Chemical Engineering

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# ------------------------------------------------------------------------------------------------------------------- RESEARCH INTEREST:

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

# TEACHING EXPERIENCE:

* Working asAssistant 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 tovarious activities and also to know the Air Quality Index of selected areas in the Davangere and to analyze the amount of pollutants PM10, SOX, NOX 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 16th - 19th 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 on10 and 11th December.
* Attended one week online FDP on “Myriad Regimes possessing the potentiality for chemical Engineers" from 14th to 19th February 2022 organised by MSRIT.
* Attended IP awareness Program organized by NMIT, Bangalore on May 23rd 2022.
* Attended online webinar on “Open source tools for research and development” organized by SJCIT, Bangalore on 05th February 2022.
* Attended and completed 5 days FDP **“Inculcating Universal Human values in Technical Education”** organized by AICTE from 09-13th May 2022.
* Attended 5 day FDP from 8th to 12th November on **“Recent Advances in Chemical Engineering-2022 (RACE-22)”** organized by Rajalakshmi Engg. College, Chennai.
* Participated 5 day online FDP from 21st to 25th 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 30th January to 03rd 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.

# SPONSORSED PROJECTS:

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| --- | --- | --- | --- | --- | --- |
| **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 togrow saplings | Srinidhi R Kulkarni Amarnath P C | **KSCST**46S\_BE\_3276 | 6000=00 |
| 2 | 2021-22 | Decolourization and COD reduction of textile wastewater by advanced oxidation process | Srinidhi R Kulkarni Amarnath P C | **KSCST**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 29th and 30th January 2023, 04th and 5th 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 30th October 2022.
	+ Invited as judge for classical dance competition at “Yuva Janothsava Fest” organized by youth welfare department on 29th November 2022.
	+ Invited as judge for group dance competition at “Government employees cultural fest” organized by youth welfare department, Govt. of Karnataka on 09th 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:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of the Course** | **Place** | **Duration/ Period** | **Sponsoring Agency** |
| 1 | Organizing Committee Member, five day training workshop on Unisin Process Simulation Software for chemical engineering students. | BIET,Davangere | 20-12-2021 to24-12-2021 | Department of Chemical Engineering, BIETDavangere |
| 2 | Organizing Committee Member, National Level Students’ Symposium-Chemexcel-2022. | BIET,Davangere | 29-06-2022 | Department of Chemical Engineering, BIETDavangere ISTEIEI |
| 3 | Organizing Committee Member, webinar on Innovations through Design Thinking | BIET,Davangere | 09-05-2022 | Department of Chemical Engineering,ISTE |