

FACULTY-PROFILE

Name : SACHITHRA K
Date of Birth : 30-05-1983
Highest Qualifications : M-Tech Process Control



Academic Performance:-

Sl. No.	High School to Highest Qualifications	School/Institute	Year of Passing	Class/Grade
1	S.S.L.C	Board Of Public Examinations, Kerala.	1998	First class with Distinction
2	Plus Two	Board Of Public Examinations, Kerala	2000	First class with Distinction
3	B.Tech	Calicut University	2004	First class with Honors
4	M. Tech	Calicut University	2007	First class with Honors

Date of Joining : 28-06-2014

Status as on date of Joining : Assistant Professor in Chemical Engg.

Salary as on date of Joining (Basic) : Rs.15600/-

Present Status : Assistant Professor in Chemical Engineering

Salary as on date (Basic) : Rs. 19030/-

Number of promotions since

Date of joining : Nil

Previous Experience : Assistant Engineer in Kerala State Pollution Control Board, District office, Thrissur (From 5-11-2008 to 26-06-2014)

Achievements since date of joining:-

i) Faculty Development Programs: Courses Attended

No.	Course	Institute	City	From	To
1	Chemical Engineering Design Aspects	Department of Chemical Engineering	Kozhikode	17/11/2014	22/11/2014
2	Formulation of Research and Development Initiatives for Scientists and Technologists	Engineering Staff College of India, Hyderabad	Hyderabad	24/11/2014	27/11/2014
3	Faculty Development Program in Concepts Coaching	Govt. Engineering College, Kozhikode	Kozhikode	12/02/2015	14/02/2015
4	Faculty Development Program	IIT Madras	Chennai	26/02/2015	28/02/2015
5	Technology Enabled Teaching and Learning	IIM Kozhikode	Kozhikode	19/08/2015	23/08/2015
6	Thermal and structural analysis – A simulation approach	Department of Mechanical Engineering	Kozhikode	4/11/2015	6/11/2015
7	Computational Modelling of Flow Processes	Department of Chemical Engineering	Kozhikode	25/11/2015	28/11/2015
8	Molecular Characterization Techniques	Department of Chemical Engineering	Kozhikode	3/08/2016	6/08/2016
9	Concepts coaching – by ICT academy	Govt. Engineering College, Kozhikode	Kozhikode	6/09/2016	8/09/2016
10	Workshop on MATLAB and SAIMULINK	Department of Chemical Engineering	Kozhikode	13/02/2017	15/02/2017

11	Workshop on Energy Accounting & Optimization based on Energy Audit Procedures	Industry Institute Interaction Cell, GEC Kozhikode & The Kerala State Small Industries Association	Kozhikode	21/02/2017	23/02/2017
12	National Symposium on Futuristic Energy options for Kerala, What the industries suggest?	Industry Institute Interaction Cell, GEC Kozhikode	Kozhikode	13/03/2017	15/03/2017
13	MS Excel for Professional Development	Excel Club, GEC Thrissur	Thrissur	4/12/2017	8/12/2017
14	Faculty Development Programme on Multivariate Data Analysis	Department of Economics, GEC Thrissur	Thrissur	19/02/2018	23/02/2018

Courses Coordinated

Name of the course	Conducted by	From	To
Faculty Development Program on 'Concepts Coaching'	Govt. Engineering College Kozhikode (sponsored by TEQIP II)	09/01/2012	14/01/2012
Faculty Induction Programme 'Parinam'	Govt. Engineering College Kozhikode (sponsored by TEQIP II)	18/08/2014	22/08/2014

ii) Research & Development

: 1.Guided two M Tech Thesis

- iii) **Number of Publications** : Conferences : 2
- iv) **Teaching Awards** : Nil
- v) **Books/ Monographs** : Lab Manuel for Heat Transfer lab
- vi) **Conference/Seminars** :2
 - 1. **Sachithra K**, Dr R Jayachandran .Studies on the performance of two stage UASB Bioreactor for the treatment of dairy wastewater-a sustainable approach to wastewater treatment, National Conference on sustainable constructions, MES College, Kuttipuram, 11,12 February,2016.
- vii) C Megha, **K. Sachithra**, and Sanjay.P.kamble , Catalytic hydrodechlorination of 1,4-Dichlorobenzene from waste water, International Conference on Emerging Trends in Engineering Science and Technology [ICETEST],18 -20 January 2018 .
- viii) **Extra-Curricular Activities**
 - 1. Placement cell Executive member for 2 years in GEC Kozhikode
 - 2. Life member of Professional body IChE
 - 3. Executive Member PTA, for two years in GEC Kozhikode
- ix) **Administration**
 - 1. Department ISO coordinator for 1 year, in GEC Kozhikode
 - 2. Department Placement coordinator for 1 years, in GEC Kozhikode
 - 3. Department Time Table coordinator for 1 years, in GEC Kozhikode
 - 4. Lab In Charge of Heat Transfer Lab for 2 years in GEC Kozhikode
 - 5. Lab In Charge of Process Control Lab in GEC Thrissur
 - 6. Group Tutor of 2014-2018 (Calicut University)batch in GEC Kozhikode
 - 7. Group Tutor of 2017-21 batch(KTU) in GEC Thrissur
- x) **Performance Appraisal during past 3 Years** : Average teaching effectiveness index based on student evaluation over past three years : 90
- xi) **Self-Appraisal:** Guided about 2 M Tech Theses. Actively participated in the setting up of Advanced Process Control Lab, Process Simulation Lab and Advanced PG Lab for

research purposes. Actively participated in placement activities, ISO auditing, up gradation of Laboratories etc. Group tutor of 2017-2021 batch and Lab In charge of Process Control Lab. Actively participated in syllabus and curriculum revision of UG and PG.

3 Major Strengths

1. Sincere, hard working and pleasant nature
2. Posses good technical knowledge

3 Major Weaknesses

2. Absent mindedness
3. Comparatively slow in writing

Signature: