

FACULTY-PROFILE

Name : Manoj N.
Date of Birth : 27-11-1970
Highest Qualifications : M. Tech



Academic Performance:-

Sl. No.	High School to Highest Qualifications	School/Institute	Year of Passing	Class/Grade	Specialization
1	S.S.L.C	Board of Public Exams, Kerala	1986	First class with distinction	
2	Diploma in Chemical Engg.	Board of Technical education, Kerala	1989	First class with distinction and Secured first rank	Chemical Engg
3	B.Tech in Chemical Engg.	Calicut University	1999	First class with honors and secured first rank	Chemical Engg
4	Diploma in Industrial Safety Engg.	Board of Technical education, Kerala	2001	First class with distinction	
5	M.Tech in Chemical Engg.	Cochin University of Science and Technology	2010	First class with distinction and secured first rank	Process Engg.

Date of Joining : 09-06-2004
Status as on date of Joining : Lecturer in Chemical Engineering
Salary as on date of Joining (Basic) : Rs.8000

Present Status : Assistant Professor in Chemical Engineering
Salary as on date (Basic) : Rs. 35030/-
Number of promotions since date of joining : NIL
Industrial Experience : 13 years experience in Fertilizers and
Chemical Travancore Ltd, Udyogamandal
(1991 to 2004)

Achievements since date of joining:-

Faculty Development Programmes: -

Sl.No.	Course/Training Programme	Institution	Topic	Duration
1	STTP	Dept of Chemical Engg.Govt. Engg. College, Thrissur	Energy and Environment Conservation for Sustainable Development	13 days
2	STTP	Dept. of Mechanical Engg.Govt. Engg. College, Thrissur	Recent trends in Energy Engineering and Management	13 days
3	STTP	Dept. of Architecture, Govt. Engg. College, Thrissur	Interiors (Design and practice of Interior spaces)	13 days
4	STTP	Dept. of Mechanical Engg. Govt. Engg. College, Thrissur	Recent Trends in Quality Management	14 days
5	STTP	Dept of Chemical Engg. Govt. Engg. College, Thrissur	Nanoscience and Nanotechnology	6 days

6	Workshop	Dept of Chemical Engg.Govt. Engg. College, Thrissur	Application of software for process simulation	3 days
7	FDP	NIT,Calicut	Computer applications in Chemical & Biological Engg.	6 days
8	STTP	Dept of Mechanical Engg.Govt. Engg. College, Thrissur	Emerging Trends in Automobile and Emission Control System	3 days 1/3/12 to 3/3/12
9	Workshop	Industry Institute Interaction Cell Govt. Engg. College, Thrissur	Preparing Engineering Graduates for Industries	19/7/12
10	STTP	Dept of Chemical Engg.Govt. Engg. College, Thrissur	Application of Software tools for Numerical Methods in Process Engineering	5 days 10/9/12 to 15/9/12
11	Tutorial Programme Under TEQIP	Central Power research Institute. Bangalore	Tutorial Programme on Polymers and insulating materials	3 days 5/12/12 to 7/12/12
12	STTP	Department of Computer Science. GEC, Thrissur	Essential Networking and Web applications for an Engineering Faculty.	6 days 10/12/12 to 15/12/12

13	MDP Under TEQIP	IIM, Kozhikode	Management development programme on Academic leadership	3 days 7/3/13 to 9/3/13
14	TEQIP workshop for IIC, Placement, Alumini coordinators.	GEC, Kozhikode	Workshop for IIC, Placement, Alumini coordinators.	2 days 15/3/13 to 16/3/13
15	Industrial Training under IIC	TCS, Infopark, Kochi.	Training on Digital Force	13/1/2014
16	Workshop conducted by Centre for green technology and management.	Hotel Travancore court, EKM	Workshop on the draft Science & Technology Policy-2013 .	19/12/13
17	Training Programme on Gas Chromatography. Dept. of Chemical Engineering, GECT.	Dept. of Chemical Engineering, GECT	12/6/14 to 13/6/14	
18	Training Programme on Advanced MS Excel for Engineers.	ISTE Chapter, GECT in association with ISTE Kerala section.	24/6/14 to 27/6/14	
19	National seminar on Biopolymers & Green composites – Emerging Science & Technology	Centre for Biopolymer Science & Technology, Eloor.	14/11/14	
20	Accreditation awareness programme	National board of accreditation. As part of 44 annual convention of ISTE at CET.	27/11/14	
21	National Skill qualification Framework.	As part of 44 annual convention of ISTE at CET.	28/11/14	
23	AICTE sponsored STTP on Process control.	Centre for continuing education IIT, Madras. Organized by Department of Chemical Engg.	15/12/14 to 19/12/14	5 days

24	TEQIP sponsored workshop on Safety requirements of Educational Institutions .	CUST-SOE, Division of Fire and safety engineering	21/1/15 to 23 /1/15	3 days
25	TEQIP sponsored STTP on Coupled tank system and Simtronics Dynamic simulation software.	Dept of Chemical Engineering, GEC Thrissur.	6/4/15 to 8/4/15	3 days
26	TEQIP sponsored STTP on Advanced algorithm analysis and design.	Department of Computer Science and engineering, GEC Thrissur.	21/4/15 to 25/4/15	5 days
27	TEQIP sponsored workshop on Computational Modelling of Flow process,	Dept of Chemical Engg., GEC, Kozhikode.	25/11/2015 to 28/11/2015.	4 days
28	FSDTC, STTP on Statistical Data analysis with IBM SPSS statistics and MS Excel	Dept. Of Economics, GEC, Thrissur.	14/12/15 to 18/12/2015	5 days
29	TEQIP sponsored STTP on System design using NI Lab view .	Dept. Of Electrical & Electronics, GECT.	29/2/16 to 4/3/2016	5 days
30	Third world summit on accreditation, (WOSA-2016)	Organized by NBA at hotel Leela ambience, Gurgaon.	18/3/16 to 20/3/16	3 days
31	TEQIP sponsored STTP on Application and uses of Gas Chromatograph.	Dept of Chemical Engineering, GEC Thrissur.	22/9/16 to 24/9/16	3 days
32	TEQIP sponsored STTP on MAT LAB for engineers & Researchers.	Dept of Chemical Engineering, GEC Thrissur	28/9/16 to 30/9/16	3 days
33	TEQIP sponsored STTP on Academic research: Opportunities, challenges and present day scenario.	Dept of Chemical Engineering, GEC Thrissur	06/10/16 to 08/10/16	3 days

Details of refresher courses co-ordinated

Sl No	Course Title	Period	Duration
1.	National seminar on Health, Safety & Environment ,sponsored by DTE in association with Indian Institute of Chemical Engineers, Kochi regional center. Organized by Dept of Chemical Engg. Govt. Engg. College, Thrissur	9/3/2010 To 11/3/2010	3 days
2.	Short term training Programme on Hazard analysis in Process Industries with application of PHAST Software. Sponsored by DTE in association with Indian Institute of Chemical Engineers, Kochi regional center. Organized by Dept of Chemical Engg. Govt. Engg. College, Thrissur	9/12/2012 To 14/12/2012	6 days
3	FSDTC programme on Safety practices in Educational Institutions. Sponsored by DTE in association with Indian Institute of Chemical Engineers, Kochi regional center. Organized by Dept of Chemical Engg. Govt. Engg. College, Thrissur	12/10/15 to 16/10/15	5 days

ii) **Research & Development** : Nil

iii) **Number of Publications** : Nil

iv) **Teaching Awards** : Nil

v) **Books/ Monographs** : F.P.M lab and Safety manual prepared.

vi) **Conference/Seminars** : 8 Nos

Manoj N. “Fire explosion and toxicity index of ammonia storage tank” *National Seminar on Health, Safety and Environment, 9-11 March 2010, Thrissur.*

P.A.Fasnabi, N.Manoj and G.Madhu, Pesticide Removal by Ozonation, *National Conference On Advances in Manufacturing system and Process, 5-7 Sept 2012, Thrissur.*

M.M.Shinu and N.Manoj, HAZOP Analysis for Receiving and Distribution Section of R-LNG in Ammonia Plant, National Conference on Advanced Trends in Chemical Engineering. 26-28 Sept 2013, Thrissur.

K.S Vipin Kumar, V.K.Pramod, K.C Paul and Manoj.N, Effect of educational reforms and new policies on school education, IEEE international Conference on innovation and technology in education, 20-22 Dec 2013, Jaipur.

Ann Soniya M.Micheal and N.Manoj. Design of fuzzy logic controller for continuous crystallization, Advances in chemical engineering and technology ICACE 2014, 17-18 Oct 2014, Kollam.

Naveen A. N and Manoj.N, Rheological and Thermal Analysis of Polystyrene-Kaolin Nanocomposite prepared by Solution intercalation technique, International Conference on Advances in Chemical Engineering (ICACHE-15), 9-11 December 2015, Thrissur.

V.C Sutharya, N.Manoj and M.Suresh, Phase fraction Measurement for Two Phase flow using a Novel Helix – Triangular Electrode Based Capacitance system, International Conference on Advance materials (SCICON 16), 19-21 December 2016, Coimbatore.

Beena P.M and Manoj N, Preparation and Characterization (Mechanical, Thermal and Rheological) of Polypropylene / Modified Kaolin Composite by Melt Intercalation Technique, International Conference on Advance materials (SCICON 16), 19-21 December 2016, Coimbatore.

vii) Extra Curricular Activities

1. Vice chairman of IChE , Kochi regional center.
2. Life member of ISTE
3. Visiting faculty of School of engineering, CUSAT for M.Tech(P.T)

viii) Administration:

1. Group Tutor (2016-18 M. Tech Batch),
2. Lab in charge of Mass transfer lab
3. Incharge of time table committee from 2009.
4. Staff advisor to IChE Students Chapter.
5. Coordinator of TEQIP training committee.
6. Coordinator of IIC.
7. Coordinator of AMIE lab examinations.
8. Coordinator of IChE examination center.
9. UG coordinator.
10. Coordinator UG- NBA accreditation.
11. Calicut University- Academic council member.

ix) **Performance Appraisal during past 3 Years** : Average performance index based on student evaluation is 90%

x) **Self Appraisal:**

- Calicut university – Academic council member.
- Vice Chairman of IChE, Kochi regional center.
- Staff in charge of Indian institute of chemical engineers students chapter
- Staff club secretary in the college(2010-11)
- Member of Industry Institute Interaction Cell
- In charge of Mass transfer lab
- In charge of time table committee in the department
- Staff club secretary in the department
- Coordinator of national seminar on Health Safety Environment
- Acquired M.Tech from CUSAT

- Staff advisor to IChE Students Chapter.
- Coordinator of TEQIP training committee.
- Coordinator of IIIC.
- Coordinator of AMIE lab examinations.
- Coordinator of IChE examination center
- UG coordinator
- Coordinator UG- NBA accreditation.

Major Strengths

1. Confident.
2. Maintain a pre planned approach to any matter assigned to me.
3. Industrial experience.

Major Weaknesses

1. Not comfortable with writing in black board.
2. Sticks to the set word.
3. Inability in remembering students' name.

Signature: