

Dhanya . A

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CAREER OBJECTIVE:

To be in an organization where I can contribute my education and knowledge, which provides ample scope for achievements and self-excellence and where I can make a strenuous effort to utilize my personal potential to the maximum and work efficiently.

PERSONAL PROFILE:

Date of Birth : 11th May 1981
Sex : Female
Marital Status : Single
Languages known : English, Hindi and Malayalam
Nationality : Indian
Permanent Address : 38/1485, "DHANYA",
Palakkada, P.O.Edakkad,
Calicut-673005, Kerala.
Phone Number : 0495- 2390588
Mobile Number : 09447229700

EDUCATIONAL PROFILE:

Doctor of Philosophy (Ph. D) in Waste Water Treatment

(Department of Chemical Engineering)

Specialization : Photocatalysis of dye using nanoparticles
Institute : National Institute of Technology Calicut
Awarded date : August 2020

Master of Technology (M. Tech) in Chemical Process Control

Major : Chemical Process Control
Institute : Government Engineering College, Thrissur

Post Graduation : 2012

Master of Business Administration (MBA) in Human Resource and Marketing

Major : Human Resource
Institute : Department of Commerce and Management Studies
University of Calicut
Post Graduation : 2006

Bachelor of Technology (B. Tech) in Chemical Engineering

Major : Chemical Engineering
Institute : Government Engineering College, Kozhikode

Post Graduation : 2003

QUALIFICATIONS	INSTITUTE	PERCENTAGE OF MARKS	YEAR OF PASSING
PhD	NIT Calicut		2020
M.Tech (Chemical Process Control)	Govt. Engineering College Thrishur	7.84 (CGPA)	2012
MBA(HR and Marketing)	DCMS, Calicut University	69.44	2006
B-Tech(Chemical Engineering)	Govt. Engineering College Kozhikode	66.06	2003
12 th (AISSCE)	Kendriya Vidyalaya No.1 Kozhikode	72.40	1998
10 th (AISSE)	Kendriya Vidyalaya No.1 Kozhikode	66.80	1996

ADDITIONAL QUALIFICATION

Diploma in Computer Application (DCA)

COMPUTER SKILLS:

Programming Languages : VB, VB.NET, ASP.NET

Operating System : MSDOS, Windows 98/2000/ XP

General : MS Office

PERSONAL SKILLS:

- Good Communication
- Self-Confidence
- Patient Listener
- Initiative Nature
- Enjoy New Challenges

PROJECTS UNDERTAKEN:

- B-Tech project – Manufacture of Precipitated Silica from Rice Husk Ash at ISRO Trivandrum.
- MBA Minor Project done on – “A Study on the Readership of Editorials with reference to The New Indian Express, Calicut.
- Market analysis of Automobile Servicing Tools in Kerala for Super Technical Enterprises, Dubai, UAE.
- Marketing of ‘Spirit of Christmas’- Carol Music Album on Mini VCD designed and produced by INVIS Multimedia, Thiruvananthapuram.
- MBA Major project done on-“a study on quality of work life” at ISRO Headquarters Bangalore.
- M. Tech project - Photo-Catalytic Degradation of Textile Dyes by Hydrogel Supported Titanium Dioxide Nanoparticles at CWRDM Calicut.

RESEARCH PUBLICATIONS:

Sl. No.	Title of the Paper	Author(s)	Name of the Journal/ Conference	Vol. & Year/ Venue
1	Synthesis and Evaluation of TiO ₂ /Chitosan based hydrogel for the photocatalytic degradation of Azo and Anthraquinone dye under UV light irradiation	Dhanya A, Aparna K	<i>Procedia Technology</i> (Science Direct)	vol. 24, 2016, DOI: 10.1016/j.protcy.2016.05.141
	Photocatalytic Degradation of Azo and Anthraquinone dye using TiO ₂ /MgO nanocomposite immobilized Chitosan hydrogels	Dhanya A, Aparna K	<i>Environmental Technology</i>	Vol. 42, 2019, DOI: 10.1080/09593330.2019.1701094

3	Photocatalytic degradation of methyl orange using TiO ₂ nanoparticles immobilized on chitosan beads	Dhanya A, Aparna K	<i>23rd National Heat and Mass Transfer Conference and 1st International ISHMT-ASTFE Heat and Mass Transfer Conference, IHMTC2015</i>	17-20 December, 2015, ISRO Thiruvananthapuram
4	Effect of TiO ₂ /MgO nanocomposites on the photocatalytic activity towards removal of organic dyes	A Dhanya and K Aparna	<i>Recent Advances in Chemical Engineering, Springer publications, ISBN 978-981-10-1632-5</i>	DOI 10.1007/978-981-10-1633-2, 2016
5	Different modifications of Titanium dioxide nanoparticles as photocatalyst in degrading organic dyes – A Review	Dhanya A, Aparna K	<i>Textile Effluent Treatment methods, Woodhead publishing India Pvt. Ltd.</i> ISBN: 9789388320313	2020
6	Synthesis and evaluation of TiO ₂ /ZnO/MgO/C hitosan hydrogel beads for the photocatalytic degradation of organic dye under UV light	Dhanya A, Aparna K	<i>Textile Effluent Treatment methods, Woodhead publishing India Pvt. Ltd.</i> ISBN: 9789388320313	2020

EXPERIENCE:

3 years teaching experience as Guest Lecturer in Chemical Engineering Department at Kerala Govt. Polytechnic College West Hill, Kozhikode.

Worked as Assistant Engineer in Kerala State Pollution Control Board on contract basis for 6 months.

Now, working as Guest Assistant Professor in the Department of Chemical Engineering at Govt. Engineering College, Kozhikode since March 2022.

DECLARATION:

I hereby declare that the above information given by me is complete, true and correct to the best of my knowledge.

Date: 13-09-2022

Dhanya. A

REFERENCE:

Dr. Aparna K

Associate Professor,

Department Of Chemical Engineering

NIT Calicut