

**GOVERNMENT COLLEGE OF ENGINEERING
DEPARTMENT OF CHEMISTRY**

1. Name in full : Dr.B.Malini
2. Designation : AP (Sr) (CAS)
3. Date of joining in the present post : 06.05.2013
4. Date of joining the institute : 10.03.2008
5. Date of Birth : 18.06.1985
6. PAN Number : ATWPM1195R
7. Aadhaar Number : 608323313697
8. Scale of pay : Rs.92,600/-
9. Address:



Permanent Address	Communication Address
Plot No:2, APJ Nagar, Reddiarpatti, Tirunelveli-7.	Dr.B.Malini, AP/Chemistry, GCE, Tirunelveli-7. Mobile:8220015687. Email id: malini@gcetly.ac.in

10. Educational Qualification (Starting from basic degree):

Degree	Area of Specialization	Institute/ University	Month/ Year	Class	% Marks / Equivalent
B.Sc.,	Chemistry	Scott Christian College, Nagercoil/MS University, Tirunelveli	April 2005	I	92.15 (University 3 rd)
M.Sc.,	Chemistry	Scott Christian College (Autonomous), Nagercoil/ MS University, Tirunelveli	April 2007	I	78.50 (Gold medal)
M.Phil.,	Chemistry	Scott Christian College	August 2009	I	77

		(Autonomous), Nagercoil/ MS University, Tirunelveli			
Ph.D	Chemistry	Scott Christian College (Autonomous), Nagercoil/ MS University, Tirunelveli	January 2020		

11. Experience (Starting from current position):

Academic Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
10 July 2009	Till date	13 years	Assistant Professor	Government College of Engineering, Tirunelveli-7
10 March 2008	09 July 2009	01 year	Lecturer	AC College of Engineering and Technology, Karaikudi

Industrial Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
NIL				

Research Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
Nil				

12. Publications with DOIs and Publication/Citation details

Publications Details						DOI	No of Citations
S. No.	Title of paper	Authors	Name of the journal Month and year of acceptance	Publication details Vol. No., Pg. No, Month, Year	ISSN/ ISBN Number		
1.	Synthesis, Characterization and Photocatalytic Activity of Cobalt Doped TiO ₂ Nanophotocatalysts for Rose Bengal Dye Degradation under Day Light Illumination	B.Malini & G.Allen Gnana Raj	Chemical Science Transactions	International	2018/7(4)	10.7598/cst2018.1531	5
2.	C,N and S-doped TiO ₂ -characterization and photocatalytic performance for rose bengal dye degradation under day light	B.Malini & G.Allen Gnana Raj	Journal of Environmental Chemical Engineering	International	2018/6	https://doi.org/10.1016/j.jece.2018.09.002	24
3.	Preparation And Solar Assisted Photocatalytic Performance Of Ag- Doped ZnO For Rose Bengal Dye Degradation	B.Malini & G.Allen Gnana Raj	International Research Journal of Modernization in Engineering Technology and Science	International	2021/3(2)		
4.	Photocatalytic Degradation of Rosebengal Dye on Iron Doped Titania Under Sunlight Irradiation	B.Malini ,G.Allen Gnana Raj & K.S.Prakash	Chemical Science Transactions	International	2021/10(1)		

13. Books /Course Materials Published:

Course Material published for the subject “Engineering Chemistry”
Topic: Phase Rule

- <https://drive.google.com/file/d/1zP2uTw-4lF3337e0g-feOhuj0tUoEQFu/view?usp=sharing>

2. https://drive.google.com/file/d/1cqW5Gulo5jCtRns3Q9lsXJ7mCHB_1oT/view?usp=sharing
3. <https://drive.google.com/file/d/1wYz0swoKpfe4581NkEK9nJNywA44lve6/view?usp=sharing>
4. <https://drive.google.com/file/d/1EaGfkxaRC3WMcKTI0UnLsQ5itjrhr69g/view?usp=sharing>
5. <https://drive.google.com/file/d/1KbSwLYJxEc3vAuIqQejNzoA7Ljd2iQq4/view?usp=sharing>

14. Academic Research guidance / Supervisor ship:

Nil

15. List of R&D and Consultancy Projects with Approvals and Project Completion Reports:

a) R & D Project: Nil

b) Consultancy Project: Nil

16. Seminars/Guest Lectures/Conferences/Workshops/FDP/Pedagogical Initiates Organized:

Nil

17. Seminars/Guest Lectures/Conferences/Workshops/FDP/Pedagogical Initiates Attended:

FDP attended for CAY, CAYm1, CAYm2					
Sl. No.	Title of Training Programme	Institution	Duration		No. of Days
CAYm3 : 2018-19					
1	AICTE approved FDP (FDP201x) on “Pedagogy for online and blended Teaching Learning process” conducted by IIT Bombay	Remote Centre 1054,NCE,Maruthakulam	3.5.18	30.5.18	2 weeks
2	AICTE-ISTE approved Induction/Refresher programme on “Pedagogy for the use of ICT to improve quality of Teaching and learning”	GCE,Tirunelveli-7	14.11.18	20.11.18	1 week
CAYm2: 2019-20					
1.	Managing Online Classes and Cocreating MOOCS	Ramanujan College, University of Delhi	20.4.2020	6.5.2020	2 weeks

2	One Week Virtual International Faculty Development Programme On Advanced Topics In Chemical Sciences	Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi	15.5.2020	21.5.2020	1 week
CAYm1: 2020-21					
3	Industrial Training Program on “Basic Science and Communication”	BSNL	1.6.2020	19.6.2020	3 weeks
4	Two Week online FDP on “Advanced Concepts for developing MOOCS”	Ramanujan College, University of Delhi	2.7.2020	27.7.2020	2 week
CAY: 2021-22					
1	Online Elementary FDP on "FDP on Stress Management	Government College of Engineering, Tirunelveli-627007 (ATAL Academy)	26.7.2021	30.7.2021	1 week
2	Online Elementary FDP on "Wastewater Treatment Recycle and Reuse"	Netaji Subhas University of Technology West Campus. (ATAL Academy)	06/09/2021	10/09/2021	1 week
2022-2023					
1	AICTE recognised FDP on Refresher course in Nanoscience and Nanotechnology	NITTTR, Chandigarh	13.06.22	24.06.22	2 weeks
2	Innovation Mentor-Capacity Building Program	GCE, Tirunelveli-7	1.09.2022	06.09.2022	1 week

18. Faculty Interaction with Outside World:

Guest Lectures Delivered				
S.No	Topic	Area	Delivered at	Year / Date
1.		NIL		

Resource persons for various events				
S.No	Organization	Purpose	Acted as	Date
1.		NIL		
S.No	Name of the Journal	Manuscript ID	Paper Title	Date
1.	ACS Omega	ao-2019-04409b.R1	Template-free, solid-state synthesis of hierarchically macroporous S doped TiO ₂ nano-photocatalyst for efficient water remediation	Feb 22, 2020

19. Membership in professional societies:

Name of the Society	Details of Membership
ISTE	MISTE

20. Awards/Letters/Certificates/Prizes/Medals/Honors received, if any:

Details of award	Awarded for the work	Date
	NIL	

21. Contribution to the College

Responsibilities held	Nature of activities for the betterment of College
In-charge/S&H Association	Conducting competitions on science related activities for first year students, Maintaining accounts –acting as treasurer cum in-charge of

	the association since 2015.
Faculty advisor	Faculty advisor for Ist year BE students responsible for maintaining Anna University Web Portal Entries for first year(ECE-I) students, Master Attendance Register, Result analysis, Exam fee payment etc, mentoring the students.
NBA member for first year till 2021	Preparing SAR.
Member of Anti-gender harassment committee	Assisting the Co-ordinator in organizing meetings to create awareness among students.
In-charge of Citizen Consumer club from 2021	Organising awareness programme to students about consumer rights and duties.
Co-co-ordinator of BIS Standards club from 2021	Maintaining registers, details of student members assisting the mentor in conducting meeting and BIS awareness programmes.

22. Contribution to the Department

Responsibilities held	Nature of activities for the betterment of the Department
Assisting HOD in department related activities	Purchase and procurement of chemicals and equipments, Lab manual preparation.

23. Faculty travel for official purpose:

(i) DOTE Inspection of type writing institute in Sankarankovil.

24. Industrial Visits: Accompanied the students for 1 Industrial Visit

Sl.No	Date	Name of the Industry	Remarks
1.	15.02.2019	PKP wind farm, Pazhavor	Ist year BE-ECE I students (2018-2019)

25. Any other activities

Signature

HOD/Chemistry