



# **MANNAR THIRUMALAI NAICKER COLLEGE**

**(Autonomous)**

(Founded by the Tamilnadu Naidu MahajanaSangam)

A Linguistic Minority Co- educational Institution

Re Accredited with 'A' Grade by NAAC

Pasumalai, Madurai – 04

## **PERFORMANCE APPRAISAL FORM**

**NAME OF THE FACULTY** : \_\_\_Dr. R.SATHEESH\_\_\_\_\_

**DESIGNATION** : \_\_\_AssistantProfessor\_\_\_\_\_

**DEPARTMENT** : \_\_\_Chemistry\_\_\_\_\_



1. Name (Block Letters) : Dr. R.Satheesh
2. Designation : Assistant Professor
3. D.O.J : 10.06.2019
4. MobileNumber : 9843850175
5. Mail ID : [satheeshrajamohan1@gmail.com](mailto:satheeshrajamohan1@gmail.com)  
satheeshu@mannarcollege.ac.in
6. Field of Specialization : Photocatalysis, Adsorption, Nanomaterials
6. Qualification : M.Sc., M.Phil., Ph.D
- a) Ph.D Completed (year) : 2018
- b) Ph.D Registered (year) : 2010
- c) SET/NET passed (year) : .....

7. Teaching Experience

- Till this year : 19 years, 2 months
- UG : 19 years, 2 months
- PG : 7 years

8. Details of awards, recognition, fellowships, at State , National and International level: \_\_\_\_\_

S.No	Name	Name of the Award	Awarding agency	Date
1	Dr. R. Satheesh	Certificate of Excellence for producing 100% and 95% result	Sethu Institute of Technology	2011-2012, 2012-2013

9. Details of Workshops / Seminars / Conference attended : \_\_\_\_\_

<b>S.No</b>	<b>Name of the Programme</b>	<b>Name of the Institution</b>	<b>Date</b>
1	Chemistry Beyond Borders-A Global Webinar series	SRM Institute Of Science and Technology, Ramapuram Campus, Chennai-89	18.12.23 to 23.12.23
2.	One day Seminar on “Energy Resources for Environmental Remediation”	Kalasalingam University, Krishnankoil	2.12.23
3.	International Conference on “Functional Nanomaterials and Nanodevices”	Chettinadu Academy Of Research and Education, Kelambakkam	26.9.23
4	National One week FDP “Research Methodology”	Kamala Nehru Maha Vidyalaya, Nagpur	to 24.06.2023 29.06.2023
5	State Level FDP “Consultancy and corporate Training”	Mannar Thirumalai Naicker College, Madurai	17.03.2023
6	State Level FDP “Dynamics of Research Publications”	Mannar Thirumalai Naicker College, Madurai	15.09.2022 16.09.2022 &
7	State Level One week Work shop “Enhancing Quality by Unearthing innovative Practices”	Mannar Thirumalai Naicker College, Madurai	18.04.2022 to 24.04.2022
8	Nationalworkshop " Innovation, Start-up and Technology”	NIT, Trichy	24.01.2022 to 29.01.2022
9	National Webinar “Green Chemistry for Sustainable Future”	J.M. Patel College, Bhandara	21.01.2022 22.01.2022 &
10	International webinar on Chemistry	The American College, Madurai	29.05.2020
11	Metal Free Photocatalysts for environment enhancing	Thiagarajar College, Madurai	27.05.2020
12	UGC Sponsored National conference Emerging Trends	Cardamom Planters’ Association College, Bodinayakanur	18-19 <sup>th</sup> September, 2014

	in Chemistry (ETC-05, 2014)		
13	UGC Sponsored International conference AMPD-2013	Madurai Kamaraj University	15-16 <sup>th</sup> July, 2013

10. Number of Papers / **Posters** Presented :

a. Conferences / Seminars : 04

S.No	Name of the Programme	Name of the Institution	Title of the paper	Date
1	National Conference on Advanced Materials: Processing and Characterization (AMPC, 2017)	NIT, Trichy	Exploration of Ag and Bi doped $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> as photocatalyst under visible light irradiation	February, 2017
2	<b>International</b> conference on Frontiers of Nanotechnology (5 <sup>th</sup> Bangalore Nano)	Government Of Karnataka	Removal of Congo red from water using Quercetin modified $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles as effective nanoadsorbent	December 2012
3	<b>National</b> Seminar on Emerging Trends in Chemistry (ETC-4)	Cardamom Planters' Association College, Bodinayakanur	Designing of L-Tryptophan modified Fe <sub>3</sub> O <sub>4</sub> nano-adsorbent for the efficient removal of crystal violet dye in water	October 2012
4	14 <sup>th</sup> CRSI <b>National</b> Symposium Chemistry	NIIST, Thiruvanthapuram	Visible light responsive photocatalytic applications of Transition metal (M = Cu, Ni and Co) doped $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles	February 2012

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10. Details of Professional development Programmes attended

a. Refresher Courses : .....

- b. Orientation Courses : .....
- c. Faculty Development Programmes (FDP) : 04
- d. Short Term Courses : 02
- e. Training Programmes : .....

S. No	Name of the Professional Development Programme	Date and No.of Days	Name and address of the Institution imparting training
1	Fundamentals of Statistical Thermodynamics	Jul-Oct 2023	NPTEL-AICTE
2	Coordination Chemistry (Chemistry of Transition Elements)	Jan-Apr 2023	NPTEL-AICTE
3	Analytical Chemistry	Jul-Oct 2022	NPTEL-AICTE
4	Symmetry and Group Theory	Jan-Apr 2022	NPTEL-AICTE
5	Refreshing Concepts of Classical Thermodynamics – a numerical approach	13.08.2020 & 14.08.2020	Ethiraj College, Chennai
6	A Virtual Connect With Group Theory (short term course)	21.05.20 to 31.05.29 and 10 days	D.G. Vaishnav College, Chennai

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11. Bibliometrics of the publications based on Scopus Index/ Web of Science or Pub Med / h-index Indian Citation Index

S.No	Name of the Author/s	Title of the Paper	Name of the Journal	Month & Year of publication	No. of Citations on Index	No. of H Index	Indexed in Scopus / Web of Science
1	Rajamohan Satheesh, Kumaravel Vignesh, Ayyadurai Suganthi, Muthuramalingam Rajarajan	<a href="#">Exploration of Ag decoration and Bi doping on the photocatalytic activity <math>\alpha</math>-Fe<sub>2</sub>O<sub>3</sub> under simulated solar light irradiation</a>	<i>The Canadian Journal of Chemical Engineering</i>	August 2018	8		Web Of Science
2	Rajamohan Satheesh, Kumaravel	Fe <sub>3</sub> O <sub>4</sub> -Ag <sub>2</sub> WO <sub>4</sub> : Facile	<i>New Journal of Chemistry</i>	April 2017	39		Web Of Science

	Vignesh, Ayyadurai Suganthi, Muthuramalingam Rajarajan, Sreemala Srikanthan, Mishoog Kang	synthesis and photocatalytic activity under visible light irradiation				4	
3.	<b>Rajamohan Satheesh,</b> Kumaravel Vignesh, Ayyadurai Suganthi, Muthuramalingam Rajarajan, Sreemala Srikanthan	Removal of Congo red from water using Quercetin modified $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles as effective nanoadsorbent	<b>Materials Chemistry and Physics</b>	<b>September 2016</b>	49		Web Of Science
4.	<b>Rajamohan Satheesh,</b> Kumaravel Vignesh, Ayyadurai Suganthi, Muthuramalingam Rajarajan	Visible light responsive photocatalytic applications of transition metal doped $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles	<i>Journal of Environment al Chemical Engineering</i>	<b>December 2014</b>	94		Web Of Science

12. Number of Conferences, Seminars, Workshops and other Programmes Organized:

S. No	Date	Name of the Programme	Role	Name of the Institution
1	27 <sup>th</sup> December,2023	Workshop on “ Preparation Of Cleansing Agents”	<b>Programme Coordinator</b>	Mannar Thirumalai Naicker College, Madurai
2	8th April, 2022	Workshop on “Chemistry in Every day Life”	<b>Programme Coordinator</b>	Mannar Thirumalai Naicker College, Madurai
3	21 & 22 December,2021	International Conference On Frontiers in Chemistry and Material Science	<b>Co-Convenor</b>	Mannar Thirumalai Naicker College, Madurai

13. Other Services Rendered in the College :

(NAAC, IQAC, Sports, Cultural Activities, Hostel, Department Association, Placement,  
Club, Examination, etc.,)

S. No	Name of the Activity	Period	Remarks
1	Mannar College Alumni Association	2021-till date	.....

14. Any Other Distinction : University Rank (Sixth) in B.Sc.,



Signature of the Faculty

(Affix Scanned copy of Signature)