

Faculty Profile



Name : DR. MARGARAT A
Designation : Associate Professor
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Contact Number : 9367924777
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Date of Joining in Collegiate Education : 26-12-2007
Date of Joining in the Present College : 14-10-2008
Academic Profile :

Degree	Institute/College	University	Period
B.Sc.	GTN Arts and science college	Madurai Kamaraj University	1995
M.Sc.	Annamalai University	Annamalai University	1997
M.Phil.,	Annamalai University	Annamalai University	1999
Ph.D	Annamalai University	Annamalai University	2002

Teaching Experience :

i) **Total** : 21 **Years 2Months**
ii) **UG** : 21 **Years 9 Months**
iii) **PG** : 20 **Years 11 Months**

Name of the college	Position held	Period
A.V.V.M. Sri Pushpam college, thanjavur	HOD	2002 - 2007
Arignar Anna Government Arts College, Villupuram	HOD	26 -12- 2007 -13 -10 - 2008
Chikkanna Government Arts College, Tirupur – 641 602	HOD (2016 Onwards)	14 -10 -2008 - till date

Honors and Research Awards :

Field of Interest :

- i) **Teaching** : Genetics, Statistics, Immunology
 ii) **Research** : Mammalian Toxicology, Human Genetics
 iii) **Proficiency in instrumentation** :

Research Guidance

Guidance Number : M.Phil. & Ph.D 17811/A2/2017, Dt. 23-09-2017

(If have more than one university, given them against university name)

S. No	M.Phil/Ph.D	Name of the Student	Thesis Title	Completed/ongoing
1.	Ph.D	JAMSHIYA J	Human Genetics	Ongoing
1.	Ph.D	MOHAN A	Human Genetics	Ongoing
1.	Ph.D	SANJAY S	Human Genetics	Ongoing
1.	Ph.D	PRADEEP S	Human Genetics	Ongoing

Funded Projects :

Membership in Professional Bodies :

S. No	Name of the Professional Body	Membership Detail with Number

Research Publications :

- i) **Research Papers** : Annexure – I
 ii) **Book/Book Chapters** :
 iii) **Patent** :

National and International Conferences : Annexure – II

Participated

- i) **Paper Presented**
 ii) **Poster Presented**

Conference/Seminars Organized :

Workshop attended :

Resource Person/Invited Lectures : Served as a resource person in the “ Inservice training programme for secondary grade science teachers” sponsored by ‘Tamil Nadu State Council for Science and Technology’ and organized by Dept. of Zoology, Chikkanna Govt. Arts College, Tirupur, during 4th – 8th 2010.

Faculty Development Programs Attended :

Course	University/Institute	Subject	Period
Orientation (Intensive Training) Programme	Madurai Kamaraj University, Madurai	Zoology	28 days 26-12- 2007 to 24-01-2008
Refresher Course	Bharathiar University,	Zoology	21 days

	Coimbatore		20-01-2012 to 09-02- 2012
Refresher Course	Madras University, Chennai	Women's study	21 days 02.02.2017 to 22.02.2017
Workshop	Bharathiar University, Coimbatore	"MOOCs, E-content Development and Open Educational Resources"	22-10-2018 – 26-10-2018
Short Term Course	Bharathiar University, Coimbatore	"Research Methodology" (Sciences)	12.09.2019 - 18.09.2019
Short Term Course	Tamil Nadu Teachers Education University & Sri Saradha College of Education Salem	"Fundamentals of Educational Research"	11-07-2020 to 17-07- 2020
Short Term Course	Bharathidasan University, Trichy	UGC-Sponsored Online Leadership Development Programme for Senior Level Teachers	10.02.2021 to 16.02.2021
Faculty Development Programme	IQAC, Sri Vasavi College, Erode	NAAC – A Way Forward	08-06-2021 to 10-06- 2021
Short Term Course	IQAC, Annamalai University, Chidambaram	Short term Training Programme on Research Methodology and Data Analysis	19.01.2022 to 04.02.2022
Short Term Faculty Development Programme	P.G & Research Department of Zoology, Jamal Mohamed College, Trichy	Cancer Biology & Drug Delivery	20-01-2022 to 22-01- 2022
Short Term Course	HRDC, AMET University, CHENNAI	Online Short term Programme on Ethics In Academic Research Writing	30-01-2023 to 04.02.2023

Academic Activities

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i) Subject Handled

: Molecular biology, Genetics, Bio –
statistics, Immunology

ii) Class Advisor

: PG

iii) Special Coaching

: Remedial classes

iv) Student Community Beneficial Activities :

v) Co-curricular and extracurricular activities :

Professional Activities

- i) Reviewer**
- ii) Board of Studies/UR** : 1) **BU- PG Board - Member** (2013 - 2015)
2) **B.U.- UR** – Dec.,2019
3) **B.U. -PG Board – Chairperson** (2022 - 2024)
- iii) Examiner/Scrutiny** : 1) **Teachers Recruitment Board – PG - 2013**
2) **TNPSC (Group-iv)– Chief Invigilator - 06-11-2016**
3) **Chief Superintendent** – 2016-2017 - **BU**
4) **Chief Superintendent** – 2016-2017 - Tamil Nadu Teacher Education University
5) **TANSICHE** – Member for Subject Equivalence
- iv) Senate/Syndicate**

National/ International Collaborators

Annexure – I

- (i) Recovery of liver tissue by pencillamine in mercury poisoned mice, *Mus musculus* (Linn.), *Indian Journal of Environment and Toxicology*, 1999, 9 (1): 24 – 26. A,Margarat ,G. Jagadeesan and S.Sethupathy.
- (ii) Effect of mercuric chloride and the influence of pencillamine on acetylcholinestrace (AChE) activity in mice. *Pollution Research*, 1999, 18 (3): 301 – 304. A,Margarat ,G. Jagadeesan and S.Sethupathy.
- (iii) Antidotal recovery in carbohydrate metabolism of mercury intoxicated mice, *Mus musculus* (Linn.). *Uttar Pradesh Journal of Zoology*, 1999, 19 (3): 193 – 196. A,Margarat and G. Jagadeesan.
- (iv) Effect of *Tribulus terrestris* extracts on mercuric chloride poisoning mice, *Mus musculus* (Linn.) – a biochemical study. *Indian Journal of Environment and Toxicology*, 2000, 10 (1): 14 – 15. A,Margarat and G. Jagadeesan.
- (v) Influence of pencilamine on reduced glutathione level (GSH) in liver tissue of mercury intoxicated mice. *Pollution Research*, 2000, 19 (4): 571 – 573. A,Margarat and G. Jagadeesan.
- (vi) Comparative effect of penicillamine and taurine on mercury poisoned mice, *Mus musculus* (Linn.), *Pollution Research*, 2001, 20 (1): 1 – 4. A,Margarat and G. Jagadeesan.
- (vii) Influence of taurine on mercury intoxicated mice, *Mus musculus* (Linn.), *Advances in Biosciences*, 2001, 20 (2): A,Margarat ,G. Jagadeesan and S.Sethupathy.

- (viii) Amelorative action of different solvent extraction of *Tribulus terrestris* (Linn.) extract on blood transaminase activities of mercuric chloride poisoned mice, *Mus musculus* (Linn.). *Journal of Eco biotechnology*, 2010,2/1:53-58. A,Margarat and G. Jagadeesan.

Annexure - II

- (i) Attended and presented a paper in “Sixth Tamilaga Arivial Peravai” conducted by Avinachilingam Deemed University, from 8th to 10th May, 1998.
- (ii) Attended and presented a paper in “International Conference on Environment and Bio – Ethics” conducted by Loyola College, Chennai from 14th to 16th January, 1999.
- (iii) Attended and presented a paper in “Workshop on New Genetics, Environment and Bio – Ethics” conducted by Department of Philosophy and Zoology, Madras Christian College in association with All India Bio – Ethics Association (AIBA) from 3rd to 5th January, 2000.
- (iv) Attended and presented a paper in UGC sponsored “National seminar on Eco – Friendly Environment for sustainability”, conducted by Department of Zoology, Annamalai University, Annamalainagar, Chidambaram, from 27th and 28th march, 2000.
- (v) Attended and presented a paper in UGC sponsored “National seminar on Recent Trends on the study of Aquatic & Terrestrial Bio – Resources”, conducted by Department of Zoology, Annamalai University, Annamalainagar, Chidambaram, from 27th and 28th February, 2003.
- (vi) Attended a UGC sponsored “International symposium on Fresh Water Aquaculture Potentials & Prospects”, organized by Department of Zoology & Bio – technology, A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur, 12th to 13th September, 2003.
- (vii) Participated in the course on “Management of SGSY Programme with Special Focus on Marketing”, conducted by National Institute of Rural Development (An Organization of the Ministry of Rural Development, Govt. of India), Rajendra Nagar, Hyderabad, from 24th to 29th May, 2004.
- (viii) Attended a UGC sponsored “National conference on Aquaculture Bio-technology”, organized by Department of Zoology & Bio – technology, A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur, 21st to 22nd July, 2005.
- (ix) Participated in the “National Level Seminar on Structural Bioinformatics” organized by the Department of Bioinformatics, Dr. G R Damodharan College of Science, Coimbatore, from 18th to 20th August, 2005.
- (x) Participated in the “ National seminar on Quality Enhancement in Evaluation System Adopted in Higher Educational Institutions” organized by A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur, on 20th January, 2007.
- (xi) Attended and presented **two** papers in UGC sponsored “National conference on Environmental Status And Health Of Workers Involved In Textile Production”,

conducted by Department of Zoology, Chikkanna Government College, Tirupur, from 3rd and 4th August, 2009.

- (xii) Attended and presented a paper in National conference on “Trends in healthcare and biotechnology: opportunities and challenges” conducted by PG Research Department of Zoology & Biotechnology, A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur – 613 503, Tamil Nadu, 22 -23 January, 2016,
- (xiii) Attended and presented a paper in National conference on “Interdisciplinary Interaction On Non – Communicable Diseases” conducted by Department of Biochemistry & Biotechnology, Annamalai University, Chidambaram, 22 – 09 - 2017 to 24 -09 -2017.
- (xiv) Participated International Webinar on “Antimicrobial peptides: An emerging class of Therapeutic agents” conducted by PG & Research Department of Zoology, Chikkiah Nancikar College, Erode on 01-11-2020.
- (xv) Participated National Webinar on “Optimism & Well-being” conducted by Department of Psychology, K.L.E Societies S.K. Arts College & H.S. Kotabbri Science Institute, Vidya nagar, Hubballi, on 21-07-2020.
- (xvi) Participated in the Two Days Online Seminar on “How to handle Online Classes” conducted by Department of Mechanical Engineering, Kamaraj College of Engineering & Technology, Madurai on 15 & 16 -06-2020.
- (xvii) Participated in the National Level Webinar on “Hepatitis – An Overview” conducted by Department of Department of PG Zoology with IQAC, Nesamony Memorial Christian College, Marthandam on 28 - 07 -2020.
- (xviii) Participated in the International Webinar on “From Bench to Bedside: The Inside Story of How Medicines are made” organized by Department of Microbiology & Bio - Chemistry, St. Berchmans College, Changanacherry, Kerala on 07 - 11- 2020.
- (xix) Participated in the Webinar Workshop on “Effective Online Teaching” conducted by IQAC, Presidency College, Chennai on 04 - 08 -2020.
- (xx) Participated in the Webinar on “Modern Research Methods & Techniques” conducted by IQAC, Research & IPR Forum, Vasavi College, Erode on 29 - 05 -2021.
- (xxi) Participated in the International Workshop on “Current Trends in Biostatistics” organized by the Department of zoology & Research centre in association with IQAC, Nesamony Memorial College, Marthandam on 29 - 06 -2021.
- (xxii) Participated in the International E- Conference on “Microbial Application in Human & Animal Welfare” organized by the Department of zoology & IQAC, Sri Kumarakurupara Swamigal Arts College, Srivaikuntam on 19 - 04 -2022 & 20-04-2022.
- (xxiii) Participated in the International Conference on “Recent Progresses in Biological Sciences” organized by the Department of zoology, Ayya Nadar Janakiammal College, Sivakasi on 04 – 03- 2022 to 05 - 03 - 2022.
- (xxiv) Participated in the One Day National Seminar on “AI Based Toolos for Scientific Writing in Research” organized by the College Library, Chikkanna Government Arts College, Tirupur on 25 – 08- 2023.

