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### SEMINAR / WORKSHOP / WEBINAR PARTICIPATED DETAILS (2024 - 2025)

S.No	Faculty Name & Designation	Date & Duration	No.of Days	Seminar / Webinar / Workshop	Торіс	State / National / International/ level		Organised by (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr.M. Punithavathi, Assistant Professor, Department of Biochemistry	09.08.2024	1	Seminar	Next Gen Tech Revolutionizing Agricultural, Health & ENV"	National	Participated	Padmavani Arts and Science College for Women, Salem	Certificate
2	M.Shobana, Assistant Professor, Department of Biochemistry	29.10.2024	1	Webinar	Nutritional And Diet	State	Participated	Digital Adda, Chennai	Certificate
3	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	15.12.2024	1	Conference	Virtual International Conference on Innovation in Life Sciences (VICILS- 2024)	International	Participated	IPR & IIC, Sacred Heart College, Tirupattur.	Certificate
4	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	30.06.2024.	1	Conference	International E- Conference "Selective Mutism",	International	Participated	Shri Kumaraswamy Mahavidyalaya, Ausa, Maharashtra	Certificate

5	Dr. K. Prabu, Assistant Professor, Department of Biochemistry		1	International Conference	International E- Conference "Generative AI Tools",	International	Participated	Shri Kumaraswamy Mahavidyalaya, Ausa, Maharashtra	Certificate
6	Dr. K. Prabu, Assistant Professor, Department of Biochemistry		1	International Conference	International E- Conference "National Educational Policy- 2020	International	Participated	Shri Kumaraswamy Mahavidyalaya, Ausa, Maharashtra	Certificate
7	Dr.V. Magendira Mani,Research Coordinator, Department Of Biochemistry	11.08.202 4	2	Seminar	One Day National Level Online Seminar on "NAAC Reforms in Accreditation Process-2024"	National	Participated	ACT Academy	Certificate
8	Dr.V. Magendira Mani,Research Coordinator, Department Of Biochemistry	16.08.2024	1	Webinar	One Day National Level Webinar On "Applications of Artificial Intelligence"	National	Participated	BLDE Associations, Smt. Bangaramma Sajjan Arts and Commerce College for Women, Vijayapura	Certificate
9	Dr.V. Magendira Mani,Research Coordinator, Department Of Biochemistry	14.12.2024	1	Webinar	'Cyber Literacy'	National	Participated	Department Of Computer Science (Digital Forensic Science and Cyber Security),	Certificate
10	R.Padmini, Assistant Professor, Department Of Biochemistry	19.11.2024	1	Webinar	Properties, Synthesis, And Applications of Materials with Nanoscale Dimensions	State	Participated	Sacred Heart College (Autonomous), Tirupatur	Certificate

11	R.Padmini, Assistant Professor, Department of Biochemistry	20.11.2024	1	Webinar	Anticancer activity of Medicinal Plant	National	Participated	Sacred Heart College (Autonomous), Tirupatur	Certificate
12	R.Padmini, Assistant Professor, Department of Biochemistry	05.11.2024	1	Webinar	Nanoparticle-Based Cancer Therapy and Diagnostics: A Comprehensive Review	International	Participated	KMG College of Arts and Science, Gudiyatham	Certificate
13	Ms.M.Renuka, Assistant Professor, Department of Biochemistry	02.03.2024	1	Webinar	Production of Biomaterials using Supercritical Carbon dioxide for Tissue Engineering and Regenerative Medicine	International	Participated	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai	Certificate
14	Dr.V.Magendira mani Research Coordinator & Assistant Professor,Department of Biochemistry	19.11.2024	1	Workshop	Green Computing: Sustainability Through Information Technology"	National	Participated	A.C.T Academy, Kerala.	Certificate
15	Dr.K.Prabu,Assistant Professor	25.10.2024 to 26.10.2024	2	Workshop	Text Book Writing in Regional Language (Tamil)	National	Participated	Nodal University Sastra Deemed to be University, Chennai.	Certificate
16	Dr.M.Punithavathi, Assistant Professor, Department of Biochemistry	11.09.2024	1	Workshop	Workshop on Automation in Biochemistry and Molecular Biology Techniques	State	Participated	Islamiah College (Autonomous), Vaniyambadi	Certificate

17	M.Shobana Assistant Professor	11.09.2024	1	Workshop	Automation in Biochemistry and Molecular Biology Techniques	State	Participated	Islamiah College Vaniyambadi (Autonomous)	Certificate
18	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	19.09.2024	1	Workshop	"Recent Trends in Cancer Research"	State	Participated	Marudhar Kesari Jain College for Women	Certificate
19	Dr.V. Magendira Mani,Research Coordinator, Department of Biochemistry	26.12.2024	1	Workshop	Qualitative and Quantitative Research in Social Sciences	National	Participated	ACT Academy	Certificate
20	R.Padmini, Assistant Professor, Department of Biochemistry	11.11.2024	1	Workshop	Workshop on Automation in Biochemistry and Molecular Biology Techniques	National	Participated	Islamiah College (Autonomous)	Certificate
21	R.Padmini, Assistant Professor, Department of Biochemistry	20.08.2024	1	Workshop	Reference Management Tools	National	Participated	A.C.T Academy	Certificate
22	Ms.M.Renuka, Assistant Professor,Department of Biochemistry	20.08.2024	1	Workshop	Reference Management Tools and Techniques	National	Participated	A.C.T Academy	Certificate
23	Ms.M.Renuka, Assistant Professor,Department of Biochemistry	11.09.2024	1	Workshop	Automation in Biochemistry and Molecular Biology Techniques	State	Participated	Islamiah College (Autonomous), Vaniyambadi	Certificate



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#### FDP PARTICIPATED DETAILS (2024 - 2025)

S.No	Faculty Name & Designation	Date & Duration	No.of Days	FDP / Refresher Course	Topic	State / National / International/ level	Participated / Presented / Published	Organised by (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr.V.Magendira mani Research Coordinator & Assistant Professor,Department of Biochemistry	09.09.2024 to 08.10.2024	7	FDP	Use of ICT in teaching learning process	National	Participated	School of Arts and Humanities, Dr. Subhash University, Gujarat and A.C.T Academy, Kerala.	Certificate
2	Dr.K.Prabu,Assistant Professor	25.07.2024 to 08.08.2024	30	FDP	Bioanalaytical Techniques (Part 2)  – Electrophoresis, Spectroscopy & Microbiology Lab Instruments (Phase I)	International	Participated	Sacred Heart College (Autonomous) Tiruppattur,	Certificate
3	Dr.M. Punithavathi, Assistant Professor, Department of Biochemistry	02.09.2024 to 02.06.2024	15	FDP	Frontiers in Materials Research,Innovation and Entrepreneurship (FMRIE'24)	National	Participated	Sri Sairam Engineering College (Autonomous), Chennai	Certificate
4	Dr.M. Punithavathi, Assistant Professor, Department of Biochemistry	09.09.2024 to 08.10.2024	5	FDP	Skill Enhancement Programe for Teachers	National	Participated	Stella Matutina College of Education, Ashok Nagar,Chennai	Certificate

5	Dr.M.Punithavathi, Assistant Professor, Department of Biochemistry	02.09.2024 to 10.09.2024	7	FDP	Exploring New Frontiers in Microbiology	National	Participated	V.O.Chidambaram College, Thoothukudi	Certificate
6	Dr.M.Punithavathi, Assistant Professor, Department of Biochemistry	21.10.2024 to 25.10.2024	5	FDP	Industry Best Practice in Information Technology	National	Participated	Aminity Institution of Information Technology	Certificate
7	Dr.M.Punithavathi, Assistant Professor, Department of Biochemistry	09.12.2024 to 13.12.2024	5	FDP	Global Scenario and Future Prospects in Life Sciences	National	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate
8	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	16.12.24 to 20.12.24	5	FDP	Ipr, Innovation and Entreprenuership	National	Participated	IPR & IIC, Sacred Heart College	Certificate
9	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	04.12.24 to 08.12.24	5	FDP	"Next Gen Research Strategies From Ai Tools To Publication Mastery"	National	Participated	School of Business, Marudhar Kesari Jain College for Women	Certificate
10	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	19.08.2024 to 24.08.2024.	5	FDP	One-Week Online Fdp Programme In "Technology Integration In Learning And Teaching"	National	Participated	IQAC, Seethalakshmi Ramaswami College, Tirichirapalli	Certificate
11	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	09.09.2024 to 08.10.2024	30	FDP	"Bioanalytical Techniques"	International	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate

12	Dr. K. Prabu, Assistant Professor, Department of Biochemistry		1	FDP	"Effective communication and Presentation skills"	National	Participated	Association global academic researcher	Certificate
13	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	07.12.202 4	1	FDP	Outcome Based Education	National	Participated	Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi	Certificate
14	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	09.12.2024 to 13.12.2024.	5	FDP	"Global Scenario and Future Prospects in Life Sciences"	State	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate
15	Dr.V. Magendira Mani,Research Coordinator, Department of Biochemistry	21.11.202 4 to 27.11.202 4	7	FDP	Use of ICT in teaching learning process	Institutional	Participated	School of Arts and Humanities, Dr. Subhash University Gujarat and A.C.T Academy, Kerala	Certificate
16	Ms.M.Renuka, Assistant Professor,Department of Biochemistry	09.12.2024 to 13.12.2024.	5	FDP	Global Scenario and Future Prospects in Life Sciences	Institutional	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate
17	R.Padmini, Assistant Professor, Department of Biochemistry	09.12.202 4 to 13.12.202 4.	5	FDP	Global Scenario and Future Prospects in Life Sciences	State	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate





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## **CONFERENCE PARTICIPATED/ PRESENTED (2024 - 2025)**

S.No	Faculty Name & Designation	Date & Duration	No.of Days	Topic	State / National / International/ level	Participated / Presented / Published	Organised by (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr.M.Punithavathi, Assistant Professor, Department of Biochemistry	09.08.2024	1	Applications of Green Synthesized Nanomaterials	National	Oral Presentation	Padmavani Arts &Science College for Women	Certificate
2	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	20.09.2024	1	Applications of Green Synthesized Nanomaterials	National	Oral Presentation	Sacred Heart College (Autonomous), Tirupathur.	Certificate
3	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	25.09.2024	1	Traditional Medicinal uses of Ormocarpum Sennoids:A Review	Internatiomal	Oral Presentation	KMG College Of Arts and Science (Autonomous), Gudiyatham.	Certificate
4	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	19.09.2024	1	Documentation of Traditional uses of Ormocarpum Sennoids in Folk Medicine.	National	Oral Presentation	Sacred Heart College (Autonomous), Tirupathur.	Certificate

5	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	-	1	-	-	Participation	-	Certificate
6	R.Padmini, Assistant Professor, Department of Biochemistry	25.09.2024	1	Nanoparticle-Based Cancer Therapy and Diagnostics: A Comprehensive Review	Internaltiomal	Oral Presentation	KMG College of Arts and Science Gudiyatham.	Certificate
7	R.Padmini, Assistant Professor, Department of Biochemistry	20.09.2024	1	Anticancer activity of medicinal plant	National	Participation	Sacred Heart College (Autonomous), Tirupathur.	Certificate
8	R.Padmini, Assistant Professor, Department of Biochemistry	08.11.2024 & 09.11.2024	1	An Insight into The Calcium Oxide Nanoparticle Fabrication through Physio-Chemical and Greener Mode	Internaltiomal	Oral Presentation	Vinayaga missions Kirupananda Variyar Arts and Science, Salem	Certificate
9	Ms.M.Renuka, Assistant Professor,Department of Biochemistry	19.09.2024	1	Antidiabetic Activity of Syzygium jambos	State	Paper Presentation	Sacred Heart College (Autonomous), Tirupattur	Certificate
10	Ms.M.Renuka, Assistant Professor, Department of Biochemistry	25.09.2024	1	Antioxidant Acticity of Syzygium jambos	International	Paper Presentation	KMG College of Arts and Science (Autonomous), Gudiyatham	Certificate



# MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (Autonomous), VANIYAMBADI (A Project of Sri Marudhar Kesari Jain Trust)



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### SHORT TERM COURSE / CERTIFICATE COURSE (2024 - 2025)

S.No	Faculty Name & Designation	Course ID	Name of the Course	Topic	Short Term / Certificate /NPTEL/ MOOC	Name of the Organization / Institution with Place	Duration	Completion Status
1	Dr.V. Magendira Mani,Research Coordinator, Department of Biochemistry	NA	Active Teaching Strategies Course	Active Teaching Strategies Course	МООС	Swayam Plus, Skill India under Ministry of Education	1 Week	Completed
2	Dr.V. Magendira Mani,Research Coordinator, Department of Biochemistry	NA	Classroom Management Course	Classroom Management Course	MOOC	Swayam Plus, Skill India under Ministry of Education	1 Week	Completed
3	R.Padmini, Assistant Professor, Department of Biochemistry	NPTEL24BT05S6 68100118	Human Physiology	Human Physiology	NPTEL	IISER	12 Weeks	Completed
4	R.Padmini, Assistant Professor, Department of Biochemistry	NPTEL24GE41S1 48600040	Research Methodology	Research Methodology	NPTEL	Indian Institute of Technology Madras	8 Weeks	Completed
5	Ms.M.Renuka, Assistant Professor, Department of Biochemistry	NPTEL24BT05S5 69800244	Human Physiology	Human Physiology	NPTEL	Indian Institute of Science Education and Research,Pune	12 Weeks	Completed





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**INVITED TALK (2024 - 2025)** 

S.No	Faculty Name & Designation	Date & Duration	Organisation	Guest Lecture/Session Chair/ Chief Guest	Topic
1	Dr. K. Prabu, Assistant Professor, Department of Biochemistry	27.07.2024	Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi	Resource Person	Orientation session on "Your Next step: Career planning after graduation."
2	Dr.V. Magendira Mani, Research Coordinator, Department of Biochemistry	21.01.2025	Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi	Resource Person	Introduction To Entrepreneurship and Motivation





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#### **BOOK CHAPTER / JOURNAL / PAPER PUBLICATION (2024 - 2025)**

S.No	Title of the book / Chapters published	Name of the authors	Department	Name of Journal	Year of Publication	ISBN/ISSN Number
1	Nanoparticles and its applications in toothpaste preparation	Dr. V.Magendira Mani	Biochemistry	Raja Rammohun Roy National Agency	2024	ISBN 978-81-980882-5-3.
2	Current Trends in Science and Humanities / Role of Silver Nanoparticles in Environmental Science	Dr.K.Prabu	Biochemistry	Lambert Academic Publishing	2024	9.78621E+12
3	Current Trends in Science and Humanities / Nanoscience in future Development	Ms.M.Renuka	Biochemistry	AGAR Publications, Tirupattur	2024	ISBN: 978-93-91387-65-5

4	Biogenic synthesis and characterization of silver nanoparticles (AgNPs) from aqueous extract of Lepidagathis cristata along with their antibacterial and antineoplastic activity to combat breast cancer cells (MCF-7)	Dr.M.Punithavathi	Biochemistry	SCI	2024	DOI: 10.1002/bio.4891
5	Biogenic synthesis and characterization of silver nanoparticles (AgNPs) from aqueous extract of Lepidagathis cristata along with their antibacterial and antineoplastic activity to combat breast cancer cells (MCF-7)	Dr.K.Prabhu	Biochemistry	The Journal of Biological and Clinical Luminescence	2024	DOI: 10.1002/bio.4891
6	Unveiling the Qualitative Phytochemical Composition and assessing Antioxidant and Antibacterial activities of Senna Auriculata Flower Extracts"	S.Sasikala	Biochemistry	Journal of Biological and Molecular Sciences (JBMS).	2024	





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#### **AWARDS / RECOGNITION (2024 - 2025)**

S.No	Faculty Name & Designation	Name of the award / recognition	Award / Recognition	Name of the Institution	Date	
1	Dr.M.Punithavathi, Assistant Professor, Department Of Biochemistry	Young Researcher Award	Recognitions	Green Tech Research Foundation, Thailand	05.08.2024	
2	M.Shobana Assistant Professor, Department Of Biochemistry	Veerapandiya Kattaboman Sudar Award	Recognitions	Pasumai Vasal Foundation, Chennai	14.08.2024	
3	M.Shobana Assistant Professor, Department Of Biochemistry	Vairavagai Semmal Award	Recognitions	Pasumai Vasal Foundation, Chennai	05.09.2024	
4	M.Shobana Assistant Professor, Department Of Biochemistry  Vaimai Chakra Mamani Award		Recognitions	Pasumai Vasal Foundation, Chennai	16.09.2024	



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### PAPER PRESENTATION (2024 - 2025)

S.No	Faculty Name & Designation	Conference / Seminar	Name of the Conference / Seminar	Title of the Paper Presented	Name of the Organization / Institution with Place	Date	Level	Rewards Prizes / Awards / Certificates /
1	Dr.M.Punithavathi, Assistant Professor, Department Of Biochemistry	Seminar	Next Gen Tech Revolutionizing Agricultural, Health & ENV"	Bioactive and Invitro Cell Viability on HEPG2 Cell line	Padmavani Arts &Science College for Women	09.08.2024	National	Certificate
2	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	Conference	Emerging Trends in Chemical Sciences for Sustainable Future (NCECSSF-2024)	Applications Of Green Synthesized Nanomaterials	Sacred Heart College (Autonomous), Tirupathur.	20.09.2024	National	Certificate
3	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	Conference	Molecular Biotechnology (ICMBT)-2024	Traditional Medicinal Uses Of Ormocarpum Sennoids:A Review	KMG College Of Arts and Science (Autonomous), Gudiyatham.	25.09.2024	Internatiomal	Certificate
4	Ms. S. Sasikala, Assistant Professor, Department of Biochemistry	Seminar	Recent Trends in Cancer Research (RTCR)	Documentation Of Traditional Uses of Ormocarpum Sennoids in Folk Medicine.	Sacred Heart College (Autonomous), Tirupathur.	19.09.2024	National	Certificate

5	R.Padmini, Assistant Professor, Department of Biochemistry	Conference	Molecular Biotechnology (ICMBT)-2024	Nanoparticle-Based Cancer Therapy and Diagnostics: A Comprehensive Review	KMG College of Arts and Science (Autonomous), Gudiyatham.	25.09.2024	Internaltiomal	R.Padmini, Assistant Professor, Department of Biochemistry
6	R.Padmini, Assistant Professor, Department of Biochemistry	Conference	Emerging Trends in Chemical Sciences for Sustainable Future (NCECSSF-2024)	Anticancer activity of medicinal plant	Sacred Heart College (AUTONOMOUS),Tirupathu r.	20.09.2024	National	R.Padmini, Assistant Professor, Department of Biochemistry
7	R.Padmini, Assistant Professor, Department of Biochemistry	International Conference	Nanoscience and Nanotechnology for Energy,Environme nt and Biomedical Applications INEEBA-2024	An Insight into The Calcium Oxide Nanoparticle Fabrication through Physio-Chemical and Greener Mode	Vinayaga missions Kirupananda Variyar Arts and Science, Salem	08.11.2024 & 09.11.2024	Internaltiomal	R.Padmini, Assistant Professor, Department of Biochemistry
8	Ms.M.Renuka, Assistant Professor,Depart ment of Biochemistry	Seminar	Recent Trends in Cancer Research	Antidiabetic Activity of Syzygium jambos	Sacred Heart College (Autonomous), Tirupattur	19.09.2024	State	Ms.M.Renuka, Assistant Professor,Dep artment of Biochemistry
9	Ms.M.Renuka, Assistant Professor, Department of Biochemistry	Conference	Molecular Biotechnology	Antioxidant Acticity of Syzygium jambos	KMG College of Arts & Science, Gudiyatham	25.09.2024	International	Ms.M.Renuka, Assistant Professor, Department of Biochemistry