

PROFILE

Dr. (Smt.) S. MAGARA JOTHI LAKSHMI

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Objective:

Looking for a challenging position and an environment where I am enhanced and implement my skills.

Name : Dr.S. MAGARA JOTHI LAKSHMI

Education qualification : M.Sc., M.Phil., DGT., Ph.D.,

Experience : (1) Worked as a Asst. Prof & head of the Dept in St. Johns College for the past 7 years. (From July 2008 to June 2014)
(2) Working as a Asst. Prof in Sri Sarada College For Women, Tirunelveli. (From June 2014 to till date)

Achievements : Produced 100% Result in Digital Electronics & Advanced Semiconducting devices in M.S University Examinations

Assembly Languages known : Intel 8085

Software skills : Windows, MS Office, Visual Basic, C++.

Projects : **Automatic Temperature Controlled Fan**
This project includes designing a kit which when Fitted with the Fan automatically controls the speed of the Fan according the Environment.

Microprocessor Based Bio Telemetry System

This project measure the three parameters namely Temperature, glucose Dripping, Pressure of the patient and Informs to the doctor, in case any discrepancy occurs.

Study of Thermodynamic Properties of Liquid Mixtures using Ultra Sonics.

The study of this project is about whether the molecular Interaction is possible in the polar and non – polar Binary Liquid mixtures. This Project concludes that, it will be useful for making Various chemical Binary Liquid Mixtures.

Fabrication of Silver based Nanocomposites for Biomedical Applications: Unveiling novel Green Synthesis method.

Area of Research : NanoPhysics,

PAPER PRESENTED

1. Presented a paper in National Conference (NCAP-2017) on Study of Thermodynamic Properties of Liquid Mixtures using Ultra Sonics at Sri Sarada College for women, Tirunelveli.
2. Presented a paper in International Seminar in multidisciplinary Research in Chemistry held on 6th September 2017 entitled Green Chemistry at Sri Sarada College for women, Tirunelveli.
3. Presented a paper in National Seminar current Innovation in Pure and Applied Science on Natural Science held on 1st August 2017 at Sarada Niketan College for women, Karur.
4. Presented a paper in International e-conference in Recent Trends in Applied Physics held on 28th October 2021, at Sri Sarada College for Women, Tirunelveli.
5. Presented a paper in International conference on Emerging Materials and its Applications”held on 1st March 2022, at St. Xavier’s College(Autonomous), Palayamkottai.
6. Presented a paper in International conference on Advanced Materials and their Applications”held on 18th January 2023, at Sivanthi Adhithanar College , Tiruchendur.

PAPER PUBLISHED

1. Co-precipitation vs. Green Synthesis: A Comparative Analysis of Structure, Morphology, Optical Properties and Antibacterial Activity of Ag/ZnO Nanocomposite
S. Magara Jothi Lakshmi and S. G. Rejith
UTTAR PRADESH JOURNAL OF ZOOLOGY, Volume 45, Year 2024, Pages 66-75
2. Evaluation of Cytotoxic Effect in Ag/ZnO Nanocomposites on Human Myelogenous Leukaemia
S. Magara Jothi Lakshmi and S. G. Rejith
UTTAR PRADESH JOURNAL OF ZOOLOGY, Volume 45, Year 2024, Pages 102-113
3. Phyto synthesis and characterization of Ag/ZnO Nanocomposite by Murraya koenigii
S. Magara Jothi Lakshmi and S. G. Rejith
International Seminar on Advanced materials and their applications, Volume , Year 2023, Pages 15-20
4. Review on Silver Nanoparticles-Research trends, Bio-Medical Applications, Synthesis, Properties and Upcoming problem
S. Magara jothi lakshmi ,C.Ananthi,M. Indhumathi,S. Renuka
PROCEEDINGS OF THE NATIONAL CONFERENCE ON RECENT TRENDS IN PHYSICS, Volume , Year 2023, Pages 227
5. Automated plant watering system using soil moisture sensor
S. Magara jothi lakshmi, K. Ramalakshmi, A. Sarana priya, M. Sarumathi, E. Seetha lakshmi
PROCEEDINGS OF THE NATIONAL CONFERENCE ON RECENT TRENDS IN PHYSICS, Volume , Year 2023, Pages 42-44

6. Exploring the unexploited plant resources for the synthesis of silver nanoparticle

S. Magara Jothi Lakshmi and S. G. Rejith

International conference on emerging materials and its applications, Volume , Year 2022, Pages 165-174

Conference Attended:

	Date	Time	Title of the Program	Category - Webinar/ Workshop/Others	Organized by
1.	30.04.2020	11.00 to 12.30pm	Online Teaching –Learning and Online Assessment	National Level Webinar	Inpods
2.	20.04.2020 and 21-04-2020	10.00 am to 11.00 am	Household Electrical devices & Appliances	Online Course	Department of Physics, AVS College of Arts and Science, Salem
3.	20.04.2020		Leading in VUCA World- Day 1	Webinar	Session II of Sky Campus - ICT Acadamy
4.	20.04.2020 to 21.04.2020	10 am to 11 am to 3 pm to 4 pm	Self Development	Two days Online workshop	Department of Business Administration, Sri Sarada Niketan College of Science For Women, Karur
5.	21.04.2020	10.00am to 11.00am	Leading in VUCA World- Day 2	Webinar	Session II of Sky Campus - ICT Acadamy
6.	22.04.2020	10.00am to 11.00am	Leading in VUCA World- Day 3	Webinar	Session II of Sky Campus - ICT Acadamy
7.	23.04.2020		Stay at Home, Save Lives	Pledge	Ministry of Electronics and Information Technology
8.	23.04.2020	10.00 am to 11.00 am	Leading in VUCA World- Day 4	Webinar	Session II of Sky Campus - ICT Acadamy
9.	24.05.2020	10.00 am to 11.00 am	Leading in VUCA World- Day 5	Webinar	Session II of Sky Campus - ICT Acadamy
10.	29.04.2020	10.00 am to 11.00 am	Online teaching-Learning and Online Assessment demo	Webinar	Inpods Ed- Tech
11.	30.04.2020	10.00am to 11.00 am	NAAC Management System demo	Webinar	Inpods Ed-Tech
12.	02.05.2020	11.00am to 12.00	Identifying Weaker Students And Remedial Actions Online Awareness Quiz on COVID - 19	Online Quiz	Sri Ramakrishna College of Arts and Science, Coimbatore

13.	06.05.2020	11.00am to 12.30pm	Accreditation Management System	National Level Webinar	Inpods Ed -Tech
14.	15.05.2020	3.00 pm	Pep-up Science - 2020	Online QUIZ	Department of Chemistry, Kamaraj College, Thoothukudi
15.	15.05.2020	4.00 pm	KC- Quiz 2020	National Level Online Quiz	Department of English, Kamaraj College, Thoothukudi
16.	15.05.2020	10.00 am	Basic Concepts of Genetics	National Level Online Quiz	Department of Microbiology, Kamaraj College, Thoothukudi
17.	16.05.2020	10.00am	Economic Stimulus By Govt of India To Tackle Pandemic Crisis	Online Quiz	IQAC, S.K.S.S Arts College, Tiruppanandal.
18.	17.05.2020	3.00pm To 4.00pm	Psychological Enrichment and Humanity	Webinar	Department of Physics, A.P.C.Mahalaxmi College for Women, Thoothukudi.
19.	16.05.2020 & 17.05.2020	10.30 am to 12.00 pm	Project proposals for funding agencies (UGC STRIDE & ICSSR IMPRESS): preparation and submission protocol	FDP	Patrician College, Chennai
20.	18.05.2020	4.00 pm to 5.30 pm	Physics of Domestic Appliances	Online E-Quiz	PG Department of Physics, Sri Sarada College for women, Tirunelveli
21.	19.05.2020	3.00 pm	Understanding the economic slowdown due to COVID-19 in India	Online Quiz	Department of Economics, Sri Malolan College for Women, Tirunelveli
22.	19.05.2020	4.50pm	COVID 19 – Awareness and prevention	National Level Online Quiz	PG Department & Research Center in History Rajapalayam Raju's College, Rajapalayam
23.	19.05.2020	10.00 am	Fundamentals of Nano Science	National Level Online Quiz	Department of Physics, Thiru Kolanjiappar Govt. Arts College
24.	20.05.2020	10.30 am	Awareness Quiz on COVID-19	National Level Online Quiz	NCC Army wing of Sri Ramakrishna College of Arts and Science, Coimbatore.
25.	20.05.2020	10.00 am	Understanding the Economic slow down due to COVID - 19	Online Quiz	Department of Economics, Sri Malolan College of Arts and Science, Mocheri Road, Maduranthkam, Chengalet.
26.	20.05.2020	4.30pm	COVID-19 Awareness Program	Online Quiz	PG and Research Department of Commerce, Vivekanandha College of Arts and Sciences for Women, Tiruchengode, Namakkal.
27.	20.05.2020	4.00 pm to 5.30 pm	In Pursuit of Passion & Soft Skills	Wabinar	G.T.N College(Autonomous),Dindigul
28.	22.05.2020	4.50pm	General Physics	National Level Online Quiz	The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi.
29.	22.05.2020	3.30pm	Quiz on Aamzing facts in Physics	National Level Online Quiz	Department of Physics, Faculty of Arts and Science,

					Bharath Institute of Higher Education and Research, Thiruvanchery, Chennai.
30.	22.05.2020	10.30 am	Computer Awareness for Competitive Exams	Online Quiz	Department of Computer Science, Vivekananda College, Tiruvedakam West, Madurai.
31.	23.05.2020	11.00 am to 12.00 pm	Antifungal Drug Resistance and Management	Webinar	School of Chemical and Biotechnology, Sastra deemed to be University
32.	23.05.2020	3.00 pm	Impact of COVID -19 on Global Economy	International Online Quiz	Department of Economics, Vivekananda College, Tiruvedakam West, Madurai.
33.	21.05.2020 to 23.05.2020	6.00 pm to 7.00 pm	Webinar Series on Advanced Materials: webinar SERIES - I	Webinar	Department of Physics, VISTAS, Pallavaram, Chennai – 117
34.	24.05.2020	3.00pm	“Corona, The Unwanted Companion but and Invisible Teacher”	Web Colloquium	International School of Management, Patna.
35.	24.05.2020	11.00 am to 12.30 pm	Vetheyiala? Valviyala?	Webinar	TSRO,Namakkal
36.	24.05.2020	10.00 am	Online Physics Quiz	Online Quiz	PG & Research Department of Physics, Adhiyaman Arts and Science College for Women, Krishnagiri
37.	24.05.2020	3.00 pm	Innovation and Design Thinking	Online Quiz	Institution Innovation Council, Sri Sarada College for women, Salem
38.	24.05.2020	5.00 pm	Research Methodology and Teaching Aptitude	Online International Quiz	Department of Commerce, Vivekananda College, Tiruvedakam West, Madurai.
39.	25.05.2020	2.25pm	Science Technology and Development 2020	Online Quiz	Department of Physics, Kamaraj College, Thoothukudi
40.	25.05.2020	10.00am	Trick Monsters – Computer Science	Online Quiz	Department of Computer Science, Vivekananda College, Tiruvedakam West, Madurai.
41.	25.05.2020	5.00 am to 10.00 pm	PHYSICS QUIZ COMPETITION	Online Quiz	Nikola Tesla Club of PHYSICS, Government Arts and Science College, Nagerkovil
42.	25.05.2020	11.00am-12.30pm	History of Nuclear Fission	Webinar	Department of Physics, V.O.Chidambaram College, Thoothukudi.
43.	25.05.2020	11.00 am to 12.00 pm	Recent Trends in Energy Materials And Technology: Research and Applications	Webinar	Department of Physics, S.T. Hindu College, Nagerkovil

44.	25.05.2020	10.00 am to 11.00 am	Image Analytics and Processing	Webinar	Department of Computer Science, V.O.Chidambaram College, Thoothukudi
45.	26.05.2020 to 29.05.2020	6.00 pm to 7.30 pm	Statistical Analysis Using SPSS	FDP	DYPIMS , Pune.
46.	27.05.2020	11.00 am to 12.00 pm	A Guidance to Higher Education for Science Students	Webinar	Technical Presentation team, Chemo Foundation, Namakkal
47.	28.05.2020	5.00 pm to 6.00 pm	Metal Complexes to Metal Nanoparticles for efficient Catalysis	Webinar	School of Chemical and Biotechnology, Sastra University
48.	29.05.2020	11.00am-12.30pm	Global Nanotech for future Advancements	Webinar	Department of Physics, Loyola College (Autonomous), Chennai.
49.	27.05.2020	10.00 am	PHYSICS QUIZ	Online Quiz	PG & Research Department of Physics, Rani Anna College for women, Tirunelveli
50.	27.05.2020	11.00 am to 12.00 pm	Electro analytical Techniques for water Splitting: Dos and Don'ts	Webinar	Department of Physics, Saveetha Engineering college
51.	27.05.2020 to 29.05.2020	3.00 pm to 4.00 pm	Brief Perspectives of Nanotechnology – Biosynthesis and Bio-application of Nanoparticles	International Webinar	PG and Research Centre of Zoology, Jayaraj Annapakiam College for Women, Periyakulam, Theni.
52.	28.05.2020	10.00 am to 12.00 pm	5G Technology & its Applications	Webinar	Department of ECE, Sri Vasavi Institute of Eng.& Technology ,Nandamuru
53.	28.05.2020	3.00 pm	National level On line quiz	On line quiz	Department of Physics, Annai Velankanni College, Kanyakumari
54.	28.05.2020	12.00 pm to 1.00 pm	Cancer Care in the Covid -19 Era	Webinar	Department of Microbiology and Biotechnology, S. Vellaichamy Nadar College, Nagamalai, Madurai.
55.	29.05.2020	11.00 am	The Universe Reaching through Radio Waves	International webinar	Dept of Physics, Karunya Institute of Technology and science ,Coimbatore
56.	25.05.2020 to 29.05.2020	10.30 am to 12.30 pm	Statistical Mechanics	Online FDP	Department of Physics, PSGR Krishnammal College for Women, Coimbatore
57.	27.05.2020 to 29.05.2020	4.00 pm to 5.00 pm	Cosmology and Nanotechnology	International webinar	PG & Research Dept of Physics, NGM College, Pollachi
58.	29.05.2020	6.00 pm to 7.00 pm	Gene and Drug Delivery Systems for Therapeutic Applications	webinar	School of Chemical and Biotechnology, Sastra deemed to be University
59.	29.05.2020	7.00 pm to 8.00 pm	Materials Science and Applications	Workshop	Dept. of Physics, Palaniandavar Arts College for women, Palani
60.	29.05.2020 to 30.05.2020	11.00 am to 12.00 pm	Recent Trends in Material Frontiers	FDP	Department of Science, St. Joseph's College of Engineering, Chennai.
61.	28.05.2020 to 30.05.2020	10.00 am to 11.00 am	NAAC:A Step by Step Process	Workshop	GATES Institute of Technology, Andrapradesh
62.	30.05.2020	11.30 am to 12.30 pm	Coronavirus outbreak: Social challenges and Awareness	Webinar	Dept of Sociology, S.T. Hindu College, Nagercoil
63.	30.05.2020	3.00pm to 4.00 pm	Recent Advancements in Bio & Nanomaterials	Webinar	Department of Physics, Vivekanandha College of Arts and Sciences for women

64.	30.05.2020	5.00 pm to 6.00 pm	Cell free Bioprocessing: Opportunities and Challenges	Webinar	Sri Venkateswara College for Engineering
65.	25.05.2020 to 31.05.2020	10.00 am to 11.00 am	Beyond Academic Excellence – A Reality show	7 days FDP	Dept of History, NGM College, pollachi
66.	25.05.2020 to 29.05.2020	3.00 pm	Quizophile Astronomy Quiz	Quiz	Sathyabama Institute of science and technology, Rajiv Gandhi Salai, Chennai.
67.	1.06.2020	1.00 pm	Disruptive Digital Technologies 2020	Online course	SIIMS Standalone Business School, Pollachi, Coimbatore.
68.	1.06.2020	10.00 am to 11.00 am	Think Big	Webinar	Department of Electronics and Communications Engineering, Tuticorin.
69.	2.06.2020	11.00 am to 12.00 pm	Introduction to Geographic Information System (GIS)	Webinar	St.Mary's College, Thoothukudi.
70.	2.06.2020	10.00 am to 11.00 am	Artificial Intelligence : Future and Prospects	Webinar	Narsee Monjee College, Mumbai
71.	23 th -27 th November 2021	10.00 am to 4 pm	Nanomaterials	International Faculty Development Programme	Department of Physics, St. Mary's College (Autonomous), Tuticorin.
72.	23.07.2024	10.00 am to 4 pm	Orcid and Infilbnet Services for Scholarly communities	Workshop	St. Xaviers college Autonomous, Palayamkotai,
73.	14.10.2024-18.10.2024	2.00pm to 4.00 pm	Innovation in Sustainable research and modern date- Driven Approaches	Webinar	Department of chemistry, St. Joseph University Nagaland, India-797115

PERSONAL DETAILS:

Date of birth : 22/07/1982
Gender : Female
Marital Status : Married
Husband Name : N.Sankar
Children's Name : S. Natraj & S. Sri Ragavi
Religion : Hindu
Languages Known : Tamil, English
Strength : Attitude towards Learning
Leadership Qualities
Smart Working