

## **CURRICULUM-VITAE**

- Name - **DR. RAMA SAROJINEE**
- Date of Birth - 10/01/1973
- Permanent Address - H. No.57, Parthivi Nagar, Mahoba Bazar,  
Raipur (C.G.)
- Phone No. - 9617660383(M)
- Email - rama.sarojinee@gmail.com
- Désignation - Assistant Professor
- Qualification - M. Sc. (Chemistry),  
Specialization ; Organic Chemistry  
Ph. D.
- Teaching Experience U.G. 07 Years in Govt. College  
P.G. 07 Years in Govt. College  
  
15 Years of Teaching Experience in Private School  
& Engineering College
- Date of Joining in Govt. College - 25/09/2014
- Published Research Papers - 07
- Attended Seminars - 04
- Attended Webinars - 10
- Attended Workshops - 07

## **PUBLISHED RESEARCH PAPERS**

S.No.	Session	Title	Year	Journal	ISSN/ISBN No.
1	2014-15	Artificial Intelligence based Fault Diagnosis of Power Transformer –A Probabilistic Neural Network and Interval Type -2 Support Vector Machine Approach	April-2014	AMSE	ISSN: 1240-4535
2	2014-15	Dissolved Gas Analysis of Power Transformer using AUROCC-based Genetic Fuzzy SVM Fusion Model	Jan-2015	IJRSET	ISSN (Online):2319-8753
3	2014-15	Development of Interval Type-2 Fuzzy Logic Controller for Polymer Extruder Melt Temperature Control	Feb-2015	IJRSET	ISSN (Online):2319-8753
4	2014-15	ANFIS Prediction of the Polymer and Polymer Composite Properties and its Optimization technique	Feb-2015	IJRSET	ISSN (Online):2319-8753
5	2015-16	Fault Development in Power Transformer : A Review	Jan-2016	IJESRT	ISSN:2277-9655
6	2017-18	Genetically Tuned Optimization of Plastic Extrusion Process: A Review	Feb-2018	IJSET	ISSN (Online): 2348-7968
7	2017-18	Kinetic and Thermodynamic Study of Oxidation of Reducing Sugar in Alkaline Medium by Titrimetric Method	Feb-2018	IJSET	ISSN (Online): 2348-7968

## PARTICIPATION IN NATIONAL WORKSHOP

S. No.	Topic	Institute	Date
1	Higher Education & Enabling Atmosphere	Govt. D.B. Girls' P.G. (Autonomous) College, Raipur (C.G.)	02 <sup>nd</sup> to 04 <sup>th</sup> December 2015
2	Emerging Trends of Chemicals in Human Life	Govt. Dr. W.W. Patankar Girls P.G. College Durg (C.G.)	06 <sup>th</sup> February 2017
3	Human Rights and Duties	Govt. G.N.A. P.G. College Bhatapara (C.G.)	08 <sup>th</sup> March 2017
4	Teaching, Learning, Evaluation and Advancement in Research	Govt. G.N.A. P.G. College Bhatapara (C.G.)	09 <sup>th</sup> March 2017
5	Career Orientation and Personality Development	Govt. G.N.A. P.G. College Bhatapara (C.G.)	10 <sup>th</sup> March 2017
6	Innovations in Examination Reforms Under the Scheme of Autonomy.	Govt. D.B. Girls' P.G. (Autonomous) College, Raipur (C.G.)	03 <sup>rd</sup> February 2018
7	HPLC Technique & its Applications	Kalinga University, Raipur	30 <sup>th</sup> November 2019
8	Operation and Maintenance of Opto Analytical Laboratory Equipment's	Govt. D. B. Girls' College & WRIC, Mumbai, Maharashtra	6-10 <sup>th</sup> January 2020

## NATIONAL SEMINAR/CONFERENCE

S. No.	Topic	Institute	Date
1	Recent Trends in Materials Science	Dr. Radhabai Govt. Naveen Kanya Mahavidyalya Raipur (C.G.)	06 <sup>th</sup> August 2015
2	Institutional Quality Improvement, Role of Governance Leadership and Management	Govt. D.B. Girls' P.G. (Autonomous) College, Raipur (C.G.)	29 <sup>th</sup> February 2016
3	Impact of Emerging Science & Technology on Society: Opportunities & Challenges	PCA Smriti college, Nawapara Rajim, Raipur	29-30 <sup>th</sup> January 2019

## **INTERNATIONAL SEMINAR/CONFERENCE**

S.No.	Topic	Institute	Date
1	Shaastrarth-2013	Rungta Group of Institution Bhilai/ Raipur (C.G.)	08-09 <sup>th</sup> February 2013
2	Shaastrath-2014	Rungta Group of Institution Bhilai/ Raipur (C.G.)	23 – 24 <sup>th</sup> March 2014
3	56 th Annual Convention of Chemists & Int. Conference on Recent trends in Chemical Sciences	SOS in Chemistry, PRSU, Raipur	14- 16 <sup>th</sup> November 2019
4	Resent Advances in Sensors for Human Healthcare	SOS in Electronics & Photonics; Institute of Renewable Energy Technology & Management; PRSU, Raipur	29 <sup>th</sup> November 2019

### **FACULTY DEVELOPMENT PROGRAMME:**

- Orientation Course - 26/08/2015 to 22/09/2015 From PRSU, Raipur, C. G.
- Refresher Course - 02/07/2016 to 22/07/2016 From PRSU, Raipur, C. G.
- Refresher Course - 14/09/2020 to 26/09/2020 From PRSU, Raipur, C. G.

### **During COVID:**

- Taken online centralized classes allotted by RUSA for B. Sc. I
- About 25 video lectures for different classes are available on You-Tube.

### **OTHER ACTIVITIES:**

- Participated in “Nriyanjali” (a workshop on Kathak) organized by Dept. of Dance Govt. D. B. Girls’ P. G. College, Raipur.
- Participated in YUVA SHAKTI ABHIYAAN.
- Organized Invited Talk on “Building Confidence for Women” under the banner of IQAC of the college.

### **ADMINISTRATIVE WORK:**

- Deputy Controller in Autonomous Cell of Govt. D.B. Girls’ P.G. College since August 2017.
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