

***Mahathma Gandhi College,Thiruvananthapuram-695004***

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| **Department of Chemistry**   |  |  | | --- | --- | | Name: Dr Resmi Raghunandan  Designation: Assistant Professor  Address: PG Dept of Chemistry & Research Centre, MG College, Trivandrum  Email ID: [resmiraghu@gmail.com](mailto:resmiraghu@gmail.com)  Web site if any: -  Blog if any: -  Landline no: 0480 2885203  Mobile no: 91 9495637331 | Raghunandan_Resmi.tif |   **Academic qualifications: MSc, Ph.D., BEd**  **Places of study:**  **Postdoctoral Fellowship**: Max Planck Institute for Biophysical Chemistry, Gottingen, Germany & Deutsches Elektronen-Synchrotron, Hamburg, Germany    **Ph.D. Chemistry**, Working Institute: Division of Molecular and Structural Biology, **CSIR-Central Drug Research Institute (CDRI), Lucknow**, India, (Dr. B.R. Ambedkar University, Agra, India)  **M.Sc. (Chemistry),** Christ College, Irinjalakuda, Calicut University, Kerala, India  **B.Sc. (Chemistry)**, St Josephs College, Calicut university, Kerala, India  **Thesis topic:** Structural Studies of Synthetic Aromatic Compounds of Biological Importance  **Areas of interest:**  ultrafast optical spectroscopy, ultrafast X-ray crystallography and Time dependent Density Functional Studies, In-silico docking analysis  **Research papers published: 23**  **Patents filed: -**  **Books /chapters published: -**  **Articles published in periodicals /magazines: -**  **Paper presentations: 6**  **Invited Talks given: 2**  **Topics for invited talks:** “An insight into the ground and excited state structures of molecules –A Crystallographic and Spectroscopic Approach” at New York University, Abudhabi, 23-24 April 2013  “Structural studies of synthetic aromatic compounds of biological importance” at DESY, Hamburg, Germany on Sept 5th 2008  **Whether an approved guide of the University: -**  **PhD awarded and title of thesis: -**  **No of students currently registered for PhD: -**  **Major Research Projects carried out : -**  **Major Research Projects ongoing: -**  **Minor Research Projects carried out: -**  **Minor Research Projects ongoing: -**  **Extension activities: -**  **Consultancy: -**  **Memberships in Professional/Academic bodies:-**  **Awards/Recognitions:**  National eligibility test (NET) for award of Junior Research Fellowship (JRF) and lectureship by Council of Scientific and Industrial Research (CSIR), Govt. of India, CSIR-UGC (NET)-2003.  Junior Research Fellowship and Senior Research Fellowship (2004-2009) by Council of Scientific and Industrial Research (CSIR), Govt. of India.  Qualified in the Graduate Aptitude Test in Engineering (GATE) 2003 with percentile 93.39 in Chemical Sciences, Ministry of Human Resource Development, Government of India  CDRI Incentive Award on original research paper of Impact Factor >4.00 and >5.00 in 2007, 2008 and 2009 respectively  **Seminars and workshops organized: -**  **Seminars and Workshops attended: 11**  **Any other relevant information: -** |
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Name: Dr Resmi Raghunandan Signature: Resmi