CURRICULUM-VITAE

Dr. NAGARAJAN SRINIVASAN
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RESEARCH KEYWORDS : Electrochemistry, Photoelectrochemistry, Solar Fuel Generation, Energy Conversion and Storage devices

EDUCATIONAL QUALIFICATIOS:

1997-2000 : Bachelor of Science (Chemistry)

Bharathidasan University, Tiruchirappalli, India

2000-2002 : **Master of Science (Chemistry)**

Bharathidasan University, Tiruchirappalli, India

2002-2003 : **Master of Philosophy (Inorganic Chemistry)**

University of Madras, Chennai, India

2005-2009 : **Doctor of Philosophy (Chemistry)**

Anna University, Chennai, India

EMPLOYMENT DETAILS:

S.No	Period	Designation and Address	Nature of Job
1.	Nov 2016 – Present	***Assistant Professor/Ramalingaswami Fellow*** Department of Chemistry Manonmaniam Sundaranar University Abishekapatti, Tirunelveli 627012, India	Teaching and Research
2.	Aug 2016 – Nov 2016	***Assistant Professor*** Department of Chemistry PSG College of Technology Peelamedu, Coimbatore 641004, India	Teaching and Research
3.		***JST Act C Research Scientist***	

	Dec 2014 - Jul 2016	Tokyo Institute of Technology, Department of Material Science and Chemical Technology, Tokyo, Japan.	Research and Teaching
4.	Nov 2012 - Nov 2014	***JSPS FELLOW*** Tokyo Institute of Technology, Department of Material Science and Chemical Technology, Tokyo, Japan.	Research
5.	Dec 2010 - Aug 2012	***World Class University Postdoctoral Researcher*** WCU Program, Department of Energy Engineering, Hanyang University, Seoul, South Korea	Research
6.	Apr 2009 - Nov 2010	***NIMS - Postdoctoral Researcher*** National Institute for Materials Science, Tsukuba, Japan	Research
7.	Apr 2007 - Mar 2009	***CSIR-Senior Research Fellow (SRF)*** Department of Chemistry Anna University, MIT Campus, Chennai, India	Research
8.	Aug 2006- Mar 2007	***ICMR- Senior Research Fellow (SRF)*** Department of Chemistry Anna University, MIT Campus, Chennai, India	Research
9.	Apr 2004 - Dec 2004	***Guest Teaching Faculty*** Department of Chemistry Anna University, MIT Campus, Chennai, India	Teaching

ACHIEVEMENTS:

- **JSPS Bridge Fellowship (2022)** at Tokyo Institute of Technology, Japan
- **Ramalingaswami Re-entry Fellowship (2016)** by Department of Biotechnology, India
- **JSPS Post Doctoral Fellowship (2012)** at Tokyo Institute of Technology, Japan
- **World Class University Postdoctoral Fellow (2010)** at Hanyang University, South Korea.
- **Postdoctoral Fellowship by NIMS (2009)** Japan for postdoctoral research, Japan.
- **CSIR Senior Research Fellowship (2007)** by Council of Scientific and Industrial Research, India.
- **ICMR- Senior Research Fellowship (2006)** by Indian Council for Medical Research, India.

RESEARCH PROJECTS:

S.No	Role	Title of the Project	Funding Agency with Period	Fund Sanction (Rs)
1.	Principal Investigator	Case Study – Seasonal Effect on Solar Driven Photocatalyst in Indian Environments	IAA Research Impact Fund, Swansea University, UK	1,82,000
2.	Principal Investigator	Stimuli Responsive Polymer Coating for Orthopaedic Applications	DBT- Ramalingaswami Re-entry Fellow 2017 -2021	1,00,00,000
3.	Principal Investigator	Sustainable Energy Technologies – Efficient Renewable Energy Power Generation with Energy Storage for Sustainable Smart Grid	RUSA – Research and Innovation Project 2017 -2019	150,00,000

RESEARCH GUIDANCE:

	Guiding	Guided
M.Sc.	6	35
M.Phil.	0	4
Ph.D	5	0

Paper Published	**41**
Citations	**1904**
h Index	**22**

PUBLISHED IN LAST 5 YEARS

1. Subbiah, Mahalakshmi, A Ansalin Gnana Sowndarya, Anandhakumar Sundaramurthy, Sabarinathan Venkatachalam, Nishakavya Saravanan, Sudhagar Pitchaimuthu, and **Nagarajan Srinivasan**. 2023. "Tailoring hierarchical $BiVO_4$ sub-micron particles for enhanced cyclability in asymmetric supercapacitor." Journal of Energy Storage 71:108137.
2. Subbaiah, Sounder, Padma Santhiya Muthukrishnan, Ramkumar Gurusamy, Sabarinathan Venkatachalam, Thanjavur Renganathan Rajasekaran, and **Nagarajan Srinivasan**. 2023. "Boron nitride/polyaniline composite-based hybrid electrode for pseudocapacitor application." Journal of Materials Science: Materials in Electronics 34 (5):397.

3. Gurusamy, Ramkumar, Agnes Lakshmanan, **Nagarajan Srinivasan**, Anuradha Ramani, Rajasekaran Thanjavur Renganathan, and Sabarinathan Venkatachalam. 2022. "PVDF/PEO/HNT-based hybrid polymer gel electrolyte (HPGE) membrane for energy applications." Ionics 28 (8):3777-3786.
4. Meganathan, Prathiba, Sounder Subbaiah, Lakshmi Manokari Selvaraj, Venkatesh Subramanian, Sudhagar Pitchaimuthu, and **Nagarajan Srinivasan**. 2022. "Photocatalytic self-cleaning and antibacterial activity of cotton fabric coated with polyaniline/carbon nitride composite for smart textile application." Phosphorus, Sulfur, and Silicon and the Related Elements 197 (3):244-253.
5. Dar, Mohd Arif, Md Yasir Bhat, Nazir Ahmad Mala, Hilal Ahmad Rather, Sabarinathan Venkatachalam, and **Nagarajan Srinivasan**. 2022. "Structural, morphological and supercapacitor applications of SnS nanomaterials prepared in three different types of solvents." Materials Today: Proceedings 66:1689-1698.
6. Subbiah, Mahalakshmi, PadmaSanthiya MuthuKrishnan, Sabarinathan Venkatachalam, and **Nagarajan Srinivasan**. 2021. "A Nanoporous Mixed Oxide Coatings Over 316L SS for Orthopaedic Implant Applications." Journal of Bio-and Tribo-Corrosion 7 (3):113.
7. Karthega, Mani, Mogan Pranesh, Chockalingam Poongothai, and **Nagarajan Srinivasan**. 2021. "Poly caprolactone/titanium dioxide nanofiber coating on AM50 alloy for biomedical application." Journal of Magnesium and Alloys 9 (2):532-547.
8. Meganathan, Prathiba, Lakshmi Manokari Selvaraj, Leema Sophie Peter, Sabarinathan Venkatachalam, and **Nagarajan Srinivasan**. 2020. "Synergetic Surface Behavior of Sol–Gel ZrO_2–Nb_2O_5 Coated 316L Stainless Steel for Biomedical Applications." Journal of Bio-and Tribo-Corrosion 6:1-9.
9. Devadoss, Anitha, **Nagarajan Srinivasan**, VP Devarajan, A Nirmala Grace, and Sudhagar Pitchaimuthu. 2020. "Electrocatalytic properties of two-dimensional transition metal dichalcogenides and their hetrostructures in energy applications." In 2D nanoscale heterostructured materials, 215-241. Elsevier.
10. **Nagarajan, S,** Sudhagar Pitchaimuthu, and Yong Soo Kang. 2018. "Synthesising chain-like, interconnected Pt nanoparticles using a tubular halloysite clay template for an efficient counter electrode in dye-sensitised solar cells." Sustainable Energy & Fuels 2 (2):361-366.