

CURRICULUM VITAE

Contact Details

Official Address:

Self-Cleaning Research
Laboratory, Department of
Physics, Raje Ramrao
Mahavidyalaya, Jath, Dist: Sangli,
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Home Address:

Kumbharvasti (Save), A/ P - Sangola, Tal. - Sangola, Dist. – Solapur, Pin- 413317
Maharashtra, India.

Personal Details:

Date of Birth: 10/09/1996,

Religion: Hindu

Caste: Lingayat

Marital Status: Unmarried

Career Objective:

To work in an environment where I get a chance to gain knowledge that can be shared and enriched, where I can utilize my skills and expertise to the optimum towards achieving my goal.

Personal Skills:

- Comprehensive problem-solving abilities.
- Excellent verbal and written communication skills.
- Willing to learn.
- Can work as a team leader, team facilitator as well as independently.

Strengths:

- Highly adaptable to the environment.
- Initiative and attentive to work.

Academic credentials:

Examination	Board/Univer sity	Year	Percentag e
Ph. D. (Pursuing)	Shivaji University, Kolhapur	2019-	-
M. Sc. Physics (Material Science)	Shivaji University, Kolhapur	2017-2019	59.08%
B. Sc. (Physics)	Shivaji University, Kolhapur	2014-2017	67.28 %
H.S.C.	Pune Board	2013-2014	50.17%
S.S.C.	Pune Board	2011-2012	64.60%

(*Title of the Thesis: **Studies on TiO₂ and SiO₂ Coatings on Marbles for Self-Cleaning Application**)

M. Sc. Project:

“Superhydrophobic mesh modified by polymer and silica nanoparticle” (2018-19) under the guidance **Dr. Sanjay S. Latthe**, Post–Graduate Dept. of Physics, Raje Ramrao Mahavidyalaya, Jath.

Fellowships:

Received “J. N. TATA ENDOWMENT FOR THE HIGHER EDUCATION” in 2018 during M. Sc.

Papers Published in International and National Journals: 04

1. Rajaram S. Sutar, N. P. Kulkarni, S. Nagappan, **A. R. Jundle**, P. G. Pawar, N. N. Pargaonkar, N. B. Gharge, P. S. Yadav, S. S. Kshirsagar, S. S. Kanchankoti, A. S. Sawant, S. G. Kodag, S. S. Mahajan, V. S. Shinde, K. H. Park, K. K. Sadasivuni, A. K. Bhosale, and S. S. Latthe, “Octadecyltrichlorosilane Modified Superhydrophobic- Superoleophilic Stainless Steel Mesh for Oil- Water Separation”, *Macromolecular Symposia*, 400 (2021) 2100096.
 2. Rajaram S Sutar, Sanjay S Latthe, Nilam B Gharge, Pradip P Gaikwad, Akshay R Jundle, Sagar S Ingole, Rutuja A Ekunde, Saravanan Nagappan, Kang Hyun Park, Appasaheb K Bhosale, Shanhu Liu, “Facile approach to fabricate a high-performance superhydrophobic PS/OTS modified SS mesh for oil-water separation”, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 657 (2023), 130561.
 3. Sanjay S Latthe, Pradip P Gaikwad, Akshay R Jundle, Sagar S Ingole, Rajaram S Sutar, Kishor Kumar Sadasivuni, Shanhu Liu, “Superhydrophobic Coatings for Oil–Water Separation”, *Advances in Superhydrophobic Coatings* (2023) 371 – 389.
 4. Rajaram S Sutar, Sanjay S Latthe, Akshay R Jundle, Pradip P Gaikwad, Sagar S
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Ingole, Saravanan Nagappan, Yong Hyun Kim, Appasaheb K Bhosale, Viswanathan S Saji, Shanhu Liu, "A facile approach for oil-water separation using superhydrophobic polystyrene-silica coated stainless steel mesh bucket", Marine Pollution Bulletin, 198 (2024) 115790.

List of International/National Conference Participation:

1. Participated in the "**National Seminar on Applications of Nanoscience and Nanotechnology**" organized by the Post Graduate Department of Physics, Devchand College, Arjunnagar from 26 Feb 2024 to 2 March 2024. (Online)
 2. "**One day Workshop on Material Science and Application**" organized by, Research & Development cell of Sanjay Ghodawat Institute (SGI), Kolhapur on 23rd December 2023. (Online)
 3. "**National Conference on Physics of Materials & Materials Device 2023 (NCPM-MDF-2023)**" organized by, Department of Physics, Shivaji University, Kolhapur on 25th - 26th November, 2023 as well as participated in poster **Poster presentation**.
 4. "**One Day National Seminar on Advanced Materials and its Applications in Science and Technology (Hybrid Mode)**" organized by, B. K. Birla College (Autonomous), Kalyan on 30th September 2023 as well as participated in **oral presentation**.
 5. *Participated in "One Day International Conference on Advanced Materials and Applications"* (ICAMA-2023) (Online) organized by Department of Chemistry and IQAC of M. H. Shinde Mahavidyalaya, Tisangi on 1st July 2023.
 6. *Participated in "Two days National Conference on Emerging Trends in Chemical Sciences and Nanomaterials (ETCSN-23)"* organized by, Department of Chemistry and IQAC, Rajarshi Chhatrapati Shahu College, Kolhapur Organizes, on 24th and 25th February, 2023 and secured **second prize** in **Oral Presentation** Competition.
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7. ***“3rd International Multidisciplinary Approach in Basic and Applied Sciences (MABAS-2023)”*** organized by, Padma Bhushan Dr. Vasanthaodada Patil Mahavidyalaya, Tasgaon on 23rd & 24th February 2023 as well as participated in **Oral presentation** and secured *second prize* in **Oral Presentation** Competition.
 8. ***“A Two-Day International Conference on Innovation in Smart & Technomaterials (ICISTM-2023)”*** organized by, Department of Physics, Sadguru Ghadage Maharaj College, Karad on 16th and 17th January 2023 as well as participated in **poster presentation** competition and **oral presentation**.
 9. ***“One Day National Conference on Recent Advances in Fabrication Technology of Nanomaterials-2022 (RAFTN-2022)”*** organized by Balwant College, Vita on 28th December 2022 and secured second prize in **Poster Presentation** Competition.
 10. ***“One-Week Training Program on Opportunities for Research and Innovation using the DST-Sponsored Facilities”*** of SFC organized by Department of Instrumentation and USIC, Shivaji university, Kolhapur DST, under Synergistic Training Program Utilizing the Science & Technology Infrastructure (STUTI) on 10th - 16th September 2022.
 11. ***“MSCA-PF Call 2022 - How to apply for Europe's most prestigious Postdoc Fellowship!”*** organized by EURAXESS India Team on 3rd June 2022.
 12. ***“International E-Conference on Emerging Trends in Nanoscience and Nanodevices (ICETNN-2022)”*** organized by IQAC and Department of Physics, Vivekanand College, Kolhapur (Autonomous) on 4th May 2022 and participated in poster presentation competition.
 13. ***“One Day International Symposium on Advances in Photocatalysis”*** (Virtual Mode) organized by Department of Physics, Research and Innovation Committee and IQAC of Raje Ramrao Mahavidyalaya, Jath-416 404, Dist. – Sangli, Maharashtra, India on Wednesday, 13th April 2022.
 14. ***“One Week Online Student Development Programme”*** jointly organized by Career & Counselling Centre and IQAC of Raje Ramrao Mahavidyalaya, Jath & Lal Bahadur Shastri College, Satara, Maharashtra, India during 10th - 15th May 2021.
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15. A **“Sixth International Conference on Advances in Materials Science (Online)”** organized by Post-Graduate Department of Physics and IQAC of Raje Ramrao Mahavidyalaya, Jath-416 404, Dist. - Sangli, Maharashtra, India held during 23th - 24th April 2021.
 16. Webinar on **“Pervoskite Solar Cells”**, organized by Department of Physics, K.L.E. Institute of Technology, Hubballi, Saturday 12th December 2020, 11 AM to 12.30 PM, IST
 17. Web seminar on **“Novel Application of Nanomaterials”** organised by Internal Quality Assurance Cell (IQAC) of Prof. Dr. N. D. Patil Mahavidyalaya, Malkapur in association with Department of Chemistry and Physics on 18th July, 2020
 18. **“One Day National e-Conference on “Spectroscopic Characterization Techniques in Research”** jointly organized by Department of Physics and IQAC, Shrimant Badasaheb Deshmukh Mahavidyalaya, Atpadi, 17th July, 2020.
 19. Webinar on **“Single Crystal Perovskites: Next Wave of Photovoltaic Technology”** is organized by Department of Physics and IQAC of Raje Ramrao Mahavidyalaya, Jath on Sunday, 14th June, 2020 at 10.00 AM.
 20. **Fifth International Conference on Advances in Materials Science (Online)** (ICAMS- 2020) during 06th – 07th June, 2020 organized by Post-Graduate Department of Physics in association with IQAC, Raje Ramrao Mahavidyalaya, Jath.
 21. Participate in Webinar on **“BIODIVERSITY AND IT’S CONSERVATION”** organised by Raje Ramrao Mahavidyalaya, Jath Tal- Jath, Dist- Sangli (Maharashtra), 22nd May, 2020.
 22. Participated in the **Fourth International Conference on Advances in Materials Science (ICAMS – 2020)** organized by Post–Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath 20th – 21th January, 2020.
 23. Participated in **“106th Indian Science Congress”** held at Lovely Professional
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University, Phagwara, Jalandhar, 3rd – 7th January, 2019.

24. Participated in the **One Day International Workshop on “Job Opportunities for Indian Students in Japan”** organised by Department of Chemistry, Department of Physics & IQAC, Raje Ramrao Mahavidyalaya, Jath 28th February 2019.
25. Participated in the One Day National Workshop on **“Contributions of Women to Science & Opportunities for Women in Science”** (CWS-OWS-2019) organized by Department of Physics, Raje Ramrao Mahavidyalaya, Jath 15th February 2019.
26. Participated in **“National Seminar on Modern Approaches in Sciences”** organized by K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare (Kurduwadi) 28th January, 2019.
27. Participated in the **Third International Conference on Advances in Materials Science (ICAMS – 2018)** organized by Post – Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath 27th – 29th January, 2018.
28. Participated in **“Southampton IUCAA Training for Astronomical Research and Education Workshop”** (SITARE) at Pt. Ravishankar Shukla University, Raipur 17th – 19th August, 2018.
29. Participated in the **Second International Conference on Advances in Materials Science (ICAMS – 2017)** organized by Post–Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath 22nd - 23rd December, 2017.
30. Completed a **“Certificate Course in Maintenance and Repairing of Electrical Appliances”** in Yashvantrao Chavan Institute of Science, Satara, April 2017.

Extra- Curricular Activities:

- Worked as a **Treasurer** of “Sixth International conference on Advances in Material Science” organized by Post graduate Department of Physics, Raje Ramrao Mahavidyalaya Jat. 23rd-24th April, 2021.
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Declaration:

I hereby declare that all the above-mentioned information's is true to the best of my knowledge.

Date: 22nd January, 2024

Mr. Jundle Akshay Rajaram

Place: Jat, Maharashtra, India