

CURRICULUM VITAE

1. **Name** : Ms. Sayyed Saima Gous
2. **Designation** : Assistant Professor
3. **Office Address** : AKI's Poona College of Arts
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4. **Date of Birth** : 05/06/1993

5. Academic Qualification

Degree	Year	Institution/ Board	Country
Pursuing Ph.D (Electronic Science)	Registration date: 05/03/2018	L.V.H. College Panchavati, Nashik	India
M. Sc. Electronic Sci.	2015	Poona College, Camp Pune	India
B.Sc. Electronic Sci.	2013	Poona College, Camp Pune	India
H.S.C	2010	Abeda Inamdar Jr. College, Camp Pune	India
S.S.C	2008	A.U.G.H.S	India

6. Teaching Experience

Duration	Position Held	Organization
From 01/08/2016 to till date	Assistant Professor	AKI's Poona College of Arts Science & Commerce.

7. **PhD Topic** : Electrochemical Deposition of Transition Metal Oxides and
Their Application in Supercapacitor

8. Area of Interest : Supercapacitors, Embedded System Designing, Digital System Design, Mathematical methods and network analysis, Control System.

9. Courses Taught : Mathematical methods in Electronics using C, Digital System Design, Applied Electromagnetic, microwaves and antenna, Control systems, Advanced communication systems, Fundamentals and applications of PIC and AVR microcontrollers.

10. Other Innovative Activities :

11. Membership of Learned Societies and Administrative Bodies;

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12. Abroad Visits

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13. Publication Details

a) Name of the Journals/ Books in which papers are published

- Investigation of electrochemical performance and stability of electrodeposited Mn_3O_4 thin films in different aqueous electrolytes for its application in flexible supercapacitors, Journal of Energy Storage 33, 102076, 2021.
- Electrodeposition of n-CdSe/p-Cu₂Se Heterojunction Solar Cells, Engineered Science 13, 79-86, 2020.
- Nano-metal oxide based supercapacitor via electrochemical deposition, ES Energy & Environment 3 (4), 25-44, 2019.

b) Papers published in Conferences / Seminars

- Review Article of Metal Oxide Electrode Materials for Supercapacitor Application, International Journal of Research Culture Society, ISSN: 2456-6683.
- Automatic Landmine Detection using Robotics and MATLAB GUI, International Multidisciplinary Half Yearly Research Journal, Galaxy Link Volume-V1, Part-III pg:12-17, ISSN: 2319-8508.
- Internet of Things (IoT):The Pervasive Sensing and Actuating Technology, Genius-

International Conference on Contemporary Issues In Computer Science, Applications And Technology Volume-1 pg:8-14, ISSN:2279-0489.

- Reducing Environmental Pollution By Environment Friendly Electric Vehicle And Resulting Its Effect On Human Being, International Conference on Environmental Concerns and Sustainable Development: Issues and Challenges for India, ISSN: 978-81-931130-1-1.
- Study of Simulation Software & its Effective Use as ICT tool for Teaching of Electronics Circuit Design, National Conference on Impact Of ICT in Education, ISBN: 978-81-927093-1-4.

c) Papers presented in Conferences / Seminars

- Presented a paper in International web-Conference on “Advanced Nanostructured Material for Energy Generation, Storage and Smart Applications”, organized by department of physics, Shardabai Pawar Mahila Arts, Commerce and Science College, Shardanagar, Baramati, during 9th -10th October 2020. [Best Oral Presentation Award].
- Presented a Poster entitled “Electrochemically deposited Copper oxide thin films for Supercapacitor Application” in two days 26th Raman Memorial Conference (RMC-2020), At Savitribai Phule Pune University.
- Presented a Poster entitled “Spray Deposited Ceria Photoelectrode Sensitized by Eosin Y for Dye Sensitized Solar Cell” in three days International Photovoltaic Solar Energy Conference, At Savitribai Phule Pune University.
- Presented a Poster entitled “Deposition of Ruthenium Oxide” in two day National Conference on Recent Trends in Physics, At Yashavantrao Chavan Institute Of Science, Satara.

14. Participation in National/International One Week -duration Workshops

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15. Participation in Conferences / Seminars / Workshops;

- Participated in three days Workshop on Implementation of M. Sc. (Electronic Science) Syllabus CBCS 80 Credits jointly organized by Department of Electronic Science, MES Abasaheb Garware College, Pune and Board of Studies(Electronic Science) Savitribai Phule Pune University, Pune between 22nd July 2020 and 24th July 2020.

- Participated in the webinar on “Nanomaterial for Energy Conversion and Storage”, organized by department of physics, SNS College of Technology, on 7th July 2020.
- Participated in the International webinar on “Nanostructured Metal oxide thin film for sensor technology”, organized by department of physics, Saveetha Engineering College, on 16th July 2020.
- Participated in the International webinar on “Nanomaterial- A Multidisciplinary Approach”, organized by department of physics, Saveetha Engineering College, on 20th July 2020.
- Participated in the national online seminar on “Recent Trends in Material Research”, organized by department of physics, Rayat Shikshan Sanstha’s Balwant College Vita, Sangli, on 29th July 2020
- Participated in one day online national level power seminar on “Data Science and its Application” organized by department of Computer Science, Tuljaram Chaturchand College, on 11th July 2020.
- Participated in the National Webinar on 'Spectroscopy and Solid State Chemistry' organized by School of Studies in Chemistry & Biochemistry, Vikram University, Ujjain, M. P., India held on 17th and 18 th July 2020.
- Participated in National Webinar on "Online Teaching Learning and Online Accreditation" Organized by Department of Commerce & IQAC Cell on 4th June, 2020.

16. Contributions to Corporate Life

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17. Supervising the Ph.D. Candidates:

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(Ms. Sayyed Saima Gous)