CURRICULUM VITAE

DR.MAQSOOD RAFIQUE WAIKAR

CONTACT DETAILS

Mobile: +91-9860861758

mrw.stuti@gmail.com

LANGUAGES

English, Marathi, Hindi, and Urdu.

DATE OF BIRTH

1st June, 1993

PERMANENT ADDRESS

A/P- House No 12, Tuljabhawani Nagar, Ujalaiwadi, Dist-Kolhapur Maharashtra, Pin-416004

AREAS OF SPECILIZATION

1. Material Science.
2. Energy storage.
3. Gas Sensing.
4. Radiation Physics.

RESEARCH PUBLICATIONS

No. of articles	**41**
Citations	**693**
h-index	**13**
i10-index	**16**
As per the google scholar	

OBJECTIVE:

- To become a valuable addition to the institution or organization, demonstrating unwavering dedication towards my personal and institutional growth, and fulfilling the institution's needs.
- To leverage my skills and knowledge in order to engage in research, innovation, or exploration that will contribute to the growth and enhancement of the existing body of knowledge in Physics.
- Striving to secure a quality position in a prestigious organization or institution to enhance my career prospects through sustained effort and a commitment to innovative work practices.

EDUCATIONAL DETAILS:

Degree	Board/University	Year	Grade
Ph.D. (Physics)	Shivaji University, Kolhapur	2021	Awarded
SET	Savitribai Phule University, Pune	2019	Qualified
M.Sc. (Physics)	Shivaji University, Kolhapur	2015	First-class
B.Sc. (Physics)	Shivaji University, Kolhapur	2013	Distinction
HSC	Kolhapur Board	2010	Second Class
SSC	Kolhapur Board	2008	Distinction

Details of Ph.D.

Title of Ph.D. Problem -

"EFFECT OF GAMMA IRRADIATION ON COPPER OXIDE BASED SYMMETRICAL ENERGY STORAGE DEVICE"
The study focuses on utilizing a straightforward and economical method called CBD to create CuO electrodes for the fabrication of a supercapacitor device. Furthermore, the device is subjected to gamma radiation to explore potential enhancements in its electrochemical capabilities.

COMPUTER PROFICIENCY:

- Skilled in effectively navigating and troubleshooting Windows and Ubuntu operating systems along with expertise in Microsoft Office applications.
- Capable in executing documentation and communication assignments, like composing emails, reports, and letters.
- Skilled in operating a range of software applications such as Origin, Gatan, and Image J.
- Skilled in acquiring knowledge of different software upgrades and adept at managing a wide range of computer functions.

EXTRACURRICULAR ACTIVITIES:

- Engaged in College Events, National and International Conferences, and Workshops.
- Orchestrated a range of immersive training workshops (within the STUTI and STRIDE programs) catering to researchers, faculty members, and professionals from the industry.
- Gives **Hands on Training** on **X-ray Photoelectron Spectroscopy** and **Transmission Electron Microscopy** to participants through STUTI program.

PROJECT DETAILS:

- Worked as SRF on IUAC, New Delhi sanctioned major research project from 11th Aug. 2017 to 18th Sept. 2019 in Shivaji University, Kolhapur.

PROFESSIONAL EXPERIENCE:

- Currently employed as an **Assistant Professor** on a temporary basis at Department of Physics, Shivaji University, Kolhapur since 23rd July 2024.
- Worked as an **Assistant Professor** on a temporary basis at School of Nano Science and Biotechnology, Shivaji University, Kolhapur from August 2023 to June 2024.
- Held the position of **Senior Project Associate** for the **STUTI program** funded by the Department of Science and Technology, Ministry of Science and Technology, GoI, New Delhi. Additionally, I have been responsible for **operating and managing** various advanced instruments such as **XPS, AFM, XRD, and TEM** since April 2022. Furthermore, I have been appointed as the **in-charge of 14 sophisticated instruments** at **SAIF-DST-CFC**, Shivaji University, Kolhapur.
- Worked as an Assistant Professor at Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangli, Maharashtra from August 2020 to March 2022.
- Delivered numerous lectures to sophomore students during the period of February 2020 to March 2020.
- Held the position of **Team Associate** Trainee in Quality Department at Kirloskar Oil Engine Limited (KOEL), Kagal Plant from 27th Jan. 2017 to 02nd Oct. 2017.

PUBLICATION DETAILS:

1.	**M. R. Waikar**, A. S. Rasal, N. S. Shinde, S. D. Dhas, A. V. Moholkar, M. D. Shirsat, S. K. Chakarvarti, R. G. Sonkawade, (2020), "Electrochemical Performance of Polyaniline Based Symmetrical Energy Storage", Materials Science in Semiconductor Processing, 120, 105291, [**I.F.=4.2**], Publisher: Elsevier. DOI: https://doi.org/10.1016/j.mssp.2020.105291

2.	**M. R. Waikar**, P. M. Raste, R. K. Sonker, V. Gupta, M. Tomar, M. D. Shirsat. R. G. Sonkawade, (2020), "Enhancement in NH_3 sensing performance of ZnO thin-film via gamma-irradiation", Journal of Alloys and Compounds, 830, 154641, [**I.F.=5.8**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.jallcom.2020.154641.
3.	**M. R. Waikar**, R. K. Sonker, S. Gupta, S. K. Chakarvarti, R. G. Sonkawade, (2020), "Post-γ - irradiation effects on structural, optical and morphological properties of chemical vapour deposited MWCNTs", Materials Science in Semiconductor Processing, 110, 104975, [**I.F.=4.2**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.mssp.2020.104975.
4.	**M. R. Waikar**, A. A. Shaikh, R. G. Sonkawade, (2019), "The supercapacitive performance of woollen-like structure of CuO thin films prepared by the chemical method", Vacuum, 161, 168-175, [**I.F.=3.8**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.vacuum 2018.12.034.
5.	**M. R. Waikar**, A. A. Shaikh, R. G. Sonkawade, (2019), "PANINFs synthesized electrochemically as an electrode material for energy storage application", Polymer Bulletin, 76, 4703-4718, [**I.F.=3.1**], Publisher: Springer, DOI: https://doi.org/10.1007/s00289-018-2634-1.
6.	Aniket R Sonkawade, Sumedh S Mahajan, Anjali R Shelake, Shubham A Ahir, **Maqsood R Waikar**, Santosh S Sutar, Rajendra G Sonkawade, Tukaram D Dongale, (2024), "The g-C_3N_4/rGO composite for high-performance supercapacitor: Synthesis, characterizations, and time series modeling and predictions", International Journal of Hydrogen Energy, 87, 1416-1426, [**I.F.= 8.1**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.ijhydene.2024.09.129
7.	Tushar T Bhosale, Umesh V Shembade, Meenal D Patil, Nishigandha B Chougale, Mayuri G Magadum, Suprimkumar D Dhas, **Maqsood R Waikar**, Tukaram D Dongale, Rajendra G Sonkawade, Annasaheb V Moholkar, (2024), "Exploring the electrochemical and electrocatalytic performance of bismuth oxide and bismuth manganese oxide nanostructures for supercapacitor and water splitting", Colloids and Surfaces A: Physicochemical and Engineering Aspects, 703, 135228, [**I.F.= 4.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.colsurfa.2024.135228.
8.	Satyashila D Ghongade, Meenal D Patil, **Maqsood R Waikar**, Aniket R Sonkawade, Azeem M Bagwan, Shital J Shinde, Annasaheb V Moholkar, Rajendra G Sonkawade, (2024),"Unveiling Elegant In-Situ Properties: Structure and Vibrations of the Polymer Solution Synthesised $BaFe_{12}O_{19}$", Surfaces and Interfaces, 53, 105005, [**I.F.= 5.7**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.surfin.2024.105005.
9.	TK Nanditha, Shreepooja Bhat, Sebghatullah Amini, Rumana Farheen SM, **Maqsood R Waikar**, Rajendra G Sonkawade, MA Sangamesha, Mamatha Ballal, S Krishnaveni, SC Gurumurthy, (2024), "Robust Ag-Co Bimetallic Nanoparticles: Dual role in Catalytic and Triboelectric Performance" Materials Research Bulletin, 180, 113061, [**I.F.= 5.3**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.materresbull.2024.113061.
10.	Pradnya G Raje, Sunny R Gurav, **Maqsood R Waikar**, Gayatri R Chodankar, Umesh V Shembade, Annasaheb V Moholkar, Tukaram D Dongale, Rajendra G Sonkawade, (2024), "Exploring the role of metal concentrations on the chemically synthesized Ni-MOFs nanostructures for asymmetric supercapacitor" Journal of Energy Storage, 95, 112617, [**I.F.= 8.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.est.2024.112617.
11.	Sunny R Gurav, Umesh V Shembade, Gayatri R Chodankar, Suman A Sawant, **Maqsood R Waikar**, Annasaheb V Moholkar, Rajendra G Sonkawade, (2024), " Unlocking the potential of optimal etching and ion exchange concentration in post-synthesis of binder-free NiCo-MOFs for high-performance supercapacitors" Materials Chemistry and Physics, 319, 129326, [**I.F.= 4.3**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.matchemphys.2024.129326.
12.	Shital J. Shinde, **Maqsood R. Waikar**, Sunny R. Gurav, Snehal L. Patil, Satyashila D. Ghongade, Azeem M. Bagwan, Aniket R. Sonkawade, Rakesh K. Sonker, Rajanish K. Kamat, Tukaram D. Dongale, Rajendra G. Sonkawade, (2024), "Unlocking the potential of effect of gamma irradiation on α-Fe_2O_3 nanoparticles for high-performance resistive switching applications" Materials Science in Semiconductor Processing, 176, 108298, [**I.F.= 4.2**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.mssp.2024.108298.

13.	Gayatri R Chodankar, **Maqsood R Waikar**, Suman A Sawant, Nilesh R Chodankar, Suprimkumar D Dhas, Umesh V Shembade, Aniket R Sonkawade, Annasaheb V Moholkar, Rajendra G Sonkawade, (2024), "Tailoring the electrochemical performance of monoclinic $Ni_2P_2O_7$ microstructure across different alkaline electrolytes", International Journal of Hydrogen Energy, 60, 657-667, [**I.F.=8.1**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.ijhydene.2024.02.153.
14.	Gayatri R Chodankar, Suman A Sawant, Sunny R Gurav, **Maqsood R Waikar**, Annasaheb V Moholkar, Rajendra G Sonkawade, (2024), "Enhanced electrochemical performance: Synergetic effect of time-dependent synthesis and redox additive concentration on ammonium nickel phosphate hydrate", Electrochimica Acta, 479, 143834, [**I.F.= 5.5**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.electacta.2024.143834.
15.	Aditi D Yadav, Rutuja B Patil, Rutuja Gurav, Sanket Mali, **Maqsood Waikar**, Sambhaji Pawar, Rajendra Sonkawade, Sarita P Patil, (2024), "Hydrothermally grown net-like interconnected nanoflakes and microflowers of vanadium oxide for supercapacitive applications", Ionics, 30, 2191–2202, [**I.F.= 2.4**], Publisher: Springer, DOI: https://doi.org/10.1007/s11581-024-05430-7.
16.	MP Shilpa, B Chethan, Shivakumar Jagadish Shetty, MS Murari, **Maqsood R Waikar**, Rajendra G Sonkawade, SC Gurumurthy, (2024), "Highly responsive reduced graphene oxide embedded PVDF flexible film-based room temperature operable humidity sensor", Sensors and Actuators A: Physical, 366, 115011, [**I.F.=4.1**], Publisher: Elsevier, DOI:https://doi.org/10.1016/j.sna.2024.115011
17.	Suman A Sawant, **Maqsood R Waikar**, Gayatri R Chodankar, Sunny R Gurav, Ashwini V Patil, Rajiv S Vhatkar, Rajendra G Sonkawade, (2024), "A redox additive electrolyte boosted supercapacitive energy density of wrinkled RGO sheets", Journal of Energy Storage, 76, 109739, [**I.F.= 8.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.est.2023.109739.
18.	Sunny R Gurav, Aniket R Sonkawade, **Maqsood R Waikar**, Umesh V Shembade, Annasaheb V Moholkar, Shiv K Chakarvarti, Rajendra G Sonkawade, (2024), "Fine-Tuning Interconnected Leaf-Like Architecture of Co-MOFs by Varying Linker Concentrations for Solid-State Supercapacitors", Colloids and Surfaces A: Physicochemical and Engineering Aspects, 682, 132843, [**I.F.=4.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.ijhydene.2023.08.299.
19.	Satish A Mahadik, Rajendra G Sonkawade, Fernando Pedraza, Lahu B Phadatare, Akshy K Bhagate, **Maqsood R Waikar**, (2023), "Enhancing photoelectrochemical performance through surface engineering of CdSe and Al-doped CdSe nanoparticles on ZnO/FTO photoanodes", International Journal of Hydrogen Energy, 51, Part B, 676-689, [**I.F.=8.1**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.ijhydene.2023.08.299.
20	Pradnya G. Raje, Sunny R. Gurav, **Maqsood R. Waikar**, Akash S. Rasal, Jia-Yaw Chang, R. G. Sonkawade, (2022), "The review of different dimensionalities based pristine metal organic frameworks for supercapacitor application", Journal of Energy Storage, 56, 105700, [**I.F. = 8.9**], Publisher: Elsevier. DOI: https://doi.org/10.1016/j.est.2022.105700.
21	S. A. Sawant, A. V. Patil, **M. R. Waikar**, Akash S. Rasal, S. D. Dhas, A. V. Mohalkar, R. S. Vhatkar, R. G. Sonkawade, (2022), "Advances in chemical and biomass-derived graphene/graphene-like nanomaterials for supercapacitors", Journal of Energy Storage, 51, 104445, [**I.F. = 8.9**], Publisher: Elsevier. DOI: https://doi.org/10.1016/j.est.2022.104445
22	Suprimkumar D Dhas, Parvejha S Maldar, Meenal D Patil, **Maqsood R Waikar**, Rajendra G Sonkawade, Annasaheb V Moholkar, (2021), Sol-gel synthesized nickel oxide nanostructures on nickel foam and nickel mesh for a targeted energy storage application, Journal of Energy Storage, 47, 103658, [**I.F.=8.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.est.2021.103658.
23.	S. D. Dhas, P. S. Maldar, M. D. Patil, S. A. Mane, **M. R. Waikar**, R. G. Sonkawade, A. V. Moholkar, (2021), "Fabrication of efficient electrochemical capacitors rooted in sol-gel derived NiMn2O4 nanoparticles", Journal of Electroanalytical Chemistry, 897, 115548 [**I.F.=4.1**], Publisher: Elsevier, DOI:https://doi.org/10.1016/j.jelechem.2021.115548.
24.	R. G. Sonkawade, **M. R. Waikar**, A. A. Shaikh, M. D. Shirsat, Y. Ali, S. K. Chakarvarti, (2021), "Effect of low energy Li-negative ions irradiation on electrochemically synthesized Copper

	nanoflakes/Polyaniline nanofibers composite thin film", Thin Solid Films, 730, 138710, [**I.F.=2.0**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.tsf.2021.138710
25.	S. D. Dhas, P. S. Maldar, M. D. Patil, **M. R. Waikar**, R. G. Sonkawade, S. K. Chakarvarti, S. K. Shinde, D. Y. Kim, A. V. Moholkar, (2021), "Probing the electrochemical properties of $NiMn_2O_4$ nanoparticles as prominent electrode materials for supercapacitor applications", Materials Science and Engineering: B, 271, 115298, [**I.F.=3.9**], Publisher: Elsevier, DOI:https://doi.org/10.1016/j.mseb.2021.115298.
26.	S. A. Sawant, **M. R. Waikar**, A. S. Rasal, G. R. Chodankar, S. D. Dhas, A. V. Moholkar, M. D. Shirsat, S. K. Chakarvarti, and R. G. Sonkawade, (2021), "Chemical synthesis and supercapacitive evaluation of polyaniline nanofibers (PANINFs)", Journal of Materials Science: Materials in Electronics, 32, 11865-11876, [**I.F.=2.8**], Publisher: Springer, DOI: https://doi.org/10.1007/s10854-021-05816-7.
27.	S.D. Dhas, P.S. Maldar, M.D. Patil, K.M. Hubali, U.V. Shembade, S.B. Abitkar, **M. R. Waikar**, R.G. Sonkawade, G.L. Agawane, A.V. Moholkar, (2021), "Hydrothermal synthesis of mesoporous $NiMnO_3$ nanostructures for supercapacitor application: Effect of electrolyte", Journal of Energy Storage, 35, 102277, [**I.F.=8.9**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.est.2021.102277.
28.	P. M. Raste, B. K Sahoo, A. K. Bakshi, A. C Patra, Deepa Sathian, Mudit Beck, **M. R. Waikar**, A.A. Shaikh, R. G. Sonkawade, (2020), "A study on natural radioactivity and potential of ^{222}Rn, ^{220}Rn exhalation from Deccan table land of Kolhapur district, Maharashtra, India", Journal of Radioanalytical and Nuclear Chemistry, 326, 1333–1341, [**I.F.=1.5**], Publisher: Springer, DOI: https://doi.org/10.1007/s10967-020-07384-2.
29.	S. D. Dhas, P. S. Maldar, M. D. Patil, A. B. Nagare, **M. R. Waikar**, R. G. Sonkawade, A. V. Moholkar, (2020), "Synthesis of NiO nanoparticles for supercapacitor application as an efficient electrode material" Vacuum, 181, 109646 [**I.F.=3.8**] Publisher: Elsevier. DOI: https://doi.org/10.1016/j.vacuum.2020.109646
30.	A. A. Shaikh, **M. R. Waikar**, R. G. Sonkawade, (2019), "Effect of different precursors on electrochemical properties of manganese oxide thin films prepared by SILAR method", Synthetic Metals, 247, 1-9, [**I.F.=4.0**], Publisher: Elsevier, DOI: https://doi.org/10.1016/j.synthmet.2018.11.009.
31.	A. A. Shaikh, **M. R. Waikar**, R. G. Sonkawade, (2019), "Effect of different concentration of KMnO4 precursor on supercapacitive properties of MnO thin films", Journal of Electronic Materials, 48, 8116-8128 [**I.F.=2.2**]. DOI: https://doi.org/10.1007/s11664-019-07648-y
32.	R. G. Sonkawade, I. V. Bagal, N. R. Chodankar, **M. R. Waikar**, P. S. Shinde, A. A. Shaikh, (2018), "Gamma Irradiation: An efficient way to enhance current carrying properties of Ag/Ppy composite", Journal of Materials Science: Materials in Electronics, 29, 11151-11158 [**I.F.=2.8**], Publisher: Springer, DOI: 10.1007/s10854-018-9199-5.
33.	P. M. Raste, B. K. Sahoo, J. J. Gaware, Anil Sharma, **M. R. Waikar**, A. A. Shaikh, R. G. Sonkawade, (2018), "Assessment of radon in the soil and water in Kolhapur district, Maharashtra, India", Radiation Protection Dosimetry, 138, 1-6. [**I.F.=0.8**] Publisher: Oxford University press. https://doi.org/10.1093/rpd/ncy039.

BOOK CHAPTERS:

1.	Shital J Shinde, **Maqsood R Waikar**, Rakesh K Sonker, Rajendra G Sonkawade, (2023): Optical Sensors Based on Polymeric Materials, Publisher: Springer Nature Singapore, DOI: https://doi.org/10.1007/978-981-99-6014-9_10.

2.	Satyashila D Ghongade, Pradnya G Raje, **Maqsood R Waikar**, Rakesh K Sonker, Rajendra G Sonkawade, (2023): An Introduction: Advanced Functional Materials for Sensing Application, Publisher: Springer Nature Singapore, DOI: https://doi.org/10.1007/978-981-99-6014-9_1.
3.	Sohel B Shaikh, **Maqsood R Waikar**, Rakesh A Mohite, Satish B Jadhav, Chandrakant D Lokhande, Padmaja N Pawaskar, (2023): Carbon-Based Functional Materials for Optical Sensors, Publisher: Springer Nature Singapore, DOI: https://doi.org/10.1007/978-981-99-6014-9_6.
4.	Satyashila D. Ghongade, **Maqsood R. Waikar**, Rakesh K. Sonker, Shiv K. Chakaravarti, and R. G. Sonkawade, (2022): Gas Sensors Based on Hybrid Nanomaterial, Publisher: Springer Nature, DOI: https://doi.org/10.1007/978-981-19-2685-3_13.
5.	Azeem M. Bagwan, **Maqsood R. Waikar**, Rakesh K. Sonker, Shiv K. Chakaravarti, and R. G. Sonkawade, (2022): Gas Sensors Based on Ferrite Materials, Publisher: Springer Nature, DOI: https://doi.org/10.1007/978-981-19-2685-3_14.
6.	S.R. Gurav, **M.R. Waikar**, A.S. Rasal, R.K. Sonker, R.G. Sonkawade, (2022): Current Development and challenges in Textile-Based Flexible Supercapacitors, Publisher: Taylor and Francis, DOI: 10.1201/9781003186755-29.

INVITED TALKS:

1.	**Maqsood R. Waikar**, "X-ray Photoelectron Spectroscopy: A Surface Analysis tool for researcher", 7 Day Hands on Training workshop at **SAIF-DST-CFC, Shivaji University, Kolhapur** from 5th to 11th December 2022.
2.	**Maqsood R. Waikar**, "A Surface Analysis tool: X-ray Photoelectron Spectroscopy", 7 Day Hands on Training workshop at **The Maharaja Sayajirao University of Baroda**, **Gujarat** from 11th to 17th December 2022.
3.	**Maqsood R. Waikar**, "X-ray Photoelectron Spectroscopy: A Surface Sensitive Technique and its operational parameters", 7 Day Hands on Training workshop at **Manipal Institute of Technology, Manipal, Karnataka** from 5th to 11th January 2023.
4.	**Maqsood R. Waikar**, "X-ray Photoelectron Spectroscopy: A Surface Sensitive Technique and its operational parameters", 7 Day Hands on Training workshop at **Sant Gadge Baba Amravati University, Amravati**, from 17th to 23rd January 2023.
5.	**Maqsood R. Waikar**, "XPS-Surface sensitive technique: Detailed Operational parameters", 7th Day Hands on Training workshop at **Karnataka University, Dharwad, Karnatak**, from 23rd to 29th January 2023.
6.	**Maqsood R. Waikar**, "XPS-Surface sensitive technique: Detailed Operational parameters", 7 Day Hands on Training workshop at **Shri Venkateshwara University, Tirupati, Andhra Pradesh**, from 25th to 31st January 2023.
7.	**Maqsood R. Waikar**, "XPS-Surface sensitive technique: Detailed Operational parameters", 7 Day Hands on Training workshop at **SAIF-DST-CFC, Shivaji University, Kolhapur**, from 30th to 05th February 2023.

8.	**Maqsood R. Waikar**, "XPS-A surface-sensitive strategy: Instrumentation & Operational parameters", "S&T Capacity Building Series", 'Talk to Expert'**, organized by I-STEM Linkage Research and Resources, funded by GoI, India** on 22nd June 2023.
9.	**Maqsood R. Waikar**, "Basics of Nanotechnology and their applications", "Under lead college scheme", 'Talk to Expert'**, organized by Prof. Dr. N. D. Patil college, Malkapur** on 24th January 2024.
10.	**Maqsood R. Waikar**, "X-ray Photoelectron Spectroscopy (XPS)- Energy Dispersive X-Ray Analysis (EDAX or EDS)", "M. Phil Pre-Ph.D. Coursework: 2023-24", **organized by Department of Physics, Shivaji University, Kolhapur** on 16th May 2024.
11.	**Maqsood R. Waikar**, "Scanning Electron Microscope (SEM) - Transmission Electron Microscope (TEM)", "M. Phil Pre-Ph.D. Coursework, 2023-24", **organized by Department of Physics, Shivaji University, Kolhapur** on 20th May 2024.

DECLARATION:

I hereby declare that all the statements made in this CV are true to the best of my knowledge and belief.

Your's Faithfully

Date: 25/09/2024

Place: Kolhapur **Dr. Maqsood Rafique Waikar**