

Syed Saifullah Ansari

Date of birth: 11 Jun 2000 Nationality: Pakistani

Home: House 5A, Street no. 12, Dhoke Chohdrian C block Chaklala Scheme III Rwp,

House 5A, Street no. 12, Dhoke Chohdrian C block Chaklala Scheme III Rwp, 46000,

Rawalpindi, Pakistan

Email: saifullahaslam10@gmail.com Phone: (+92) 3099724581

Work experience [31 Mar 2023 – 30 Sep 2023]

Worked at Pakistan tokamak Plasma Research Institute (PTPRI), National Institute of laser and Optronics (Nilop).

DR. Kamran

City: Islamabad | Country: Pakistan

Work as an Intern, worked in thin film Lab on nanotubes (material Science). I worked on stability of molybdenum-based electrodes for high performance batteries. During the internship, I demonstrated good technical skill with a self-motivated attitude to learn new things, such as work also on computer software (origin, xpert highscore, mendelay, Microsoft word, Excel, Power point).

Education

Bachelors in physics [1 Sep 2020 – 1 Feb 2024].

Riphah International University.

Projects

Fabrication of Multiple Phases MoO_x and its Characterization [4 Apr 2024]

Nano porous morphology on the molybdenum sheet has been successfully fabricated by anodization method. Anodization time and electrolyte concentration are key parameters for control of the anodizing film. The as-prepared nano porous films are initially amorphous and after annealing at 450 °C, exhibit monoclinic, orthorhombic, and hexagonal crystal structures corresponding to the α , β , and h phases of MoO_x, respectively. Photoluminescence (PL) analysis shows peaks in the range of 350 nm to 390 nm and UV-visible results show a band gap in the range of 3.1-3.4 eV. The electrochemical resistance and open circuit potential are temperature and electrolyte-dependent parameters, controllable and its measurement before and after anodization is important for the stability and degradation of electrode material; based on specific applications. Material degradation can be managed through variations in anodization time, electrolyte concentration, and applied voltage.

Language skills

Mother tongue: Urdu, Other languages: English Listening C2 Reading C1 Writing B2 Spoken production B2 Spoken Interaction B2

Honors and awards

- Certificate of Appreciation Awarding institution: Riphah International University [3 Jun 2022]
- Riphah Summer Festival 2022 organized by Student Services Department SSD, Riphah International University Islamabad
- Certificate of Achievement Awarding institution: Islami Jamiat e Talba Professional zone Rawalpindi, Rawalpindi Talent Expo 2022 Sponsored by Riphah International University, Riphah Society for Excellence (RSE), Punjab Electronics (PE), ALKHIDMAT [12 Jan 2020]
- Certificate of Appreciation Awarding institution: Islami Jamiat e Talba Professional zone Rawalpindi, Serves as an Ambassador in recognition of performance and coordination in the EXPO 2022. [8 Dec 2022].

Digital skills

My Digital Skills

Zoom | Microsoft Office | Microsoft Word | Google Drive | Outlook

Recommendations

Name: Dr Sikander Azam Assistant Professor

I have no doubt that Mr. Syed Saifullah Ansari will thrive in your physics program and contribute positively to the academic community. His combination of academic excellence, intellectual curiosity, and commitment to his studies make him an ideal candidate for advanced studies in physics.

Phone number: (+92) 518446000 | E-mail: sikandar.azam@riphah.edu.pk

Name: Dr Zafar Iqbal Ex HoD Physics

He is a brilliant and above average student. I taught him Nanoscience and heat and thermodynamics. I hope he will prove himself at your institution in research field.

Phone number: (+92) 518446000 | E-mail: zafar.iqbal@riphah.edu.pk