AYUSHI SONI

M.Sc.(Electronics & Photonics)
Contact:- 8839364737
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OBJECTIVE:-

Intend to build a career in a professional environment with commitment and dedication which will enrich my competence and potential.

ACADEMIC PROFILE:-

- **(2019-21)** M.Sc. (Electronics & photonics): School of Studies in Electronics and photonics, Pt. Ravishankar Shukla University, Raipur (C.G.).   **[First division]**

- **(2016-19)** B.Sc. (Maths, Physics, Chemistry) 2019: Govt. J.Y.Chhattisgarh College, Raipur (C.G)   **[First division]**

- **(2016)** Higher Secondary 2016: ISC Board, New Delhi

  [First division]

- **(2014)** Secondary 2014: ICSE Board, New Delhi

  [First division]

TEACHING EXPERIENCE:-

- **[2016-Till the date]** Working as Home tutor for class 11th, 12th physics & 6 to 10 all subjects.

TECHNICAL SKILL:-

- **Programming Languages**: C, C++.
- **iDE:** Keil µVision, EMU8086/8085.
- **Hardware Programming**: Microprocessor 8085/8086 programming.
- **Operating System:** Windows 7/8.1/10/11.
- **Subjects of Interest:** Embedded System,Photonic Devices, Laser Technology, Nanotechnology, organic semiconductor devices, Digital and Analog electronics,

PROJECT WORKS:-

[1] M.Sc. Electronics & Photonics (6 months - Apr 2021 to Oct 2021)

Title: Covid-19 Safety room with the help of Social distancing I'd card & Bidirectional visitor counter.
From: School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.).
Language: Assembly & C++.
Tool: Arduino IDE, Tinkercad.

ONLINE COURSE & CERTIFICATE:-

- Participated in an Online course on **"Advanced Geospatial technologies for Disaster Risk Reduction (DRR)"** Organised by the **Department of Space, Govt. of India, ISRO, IIRS** Dehradun.This online course conducted during 18-04-2022 to 29-04-2022 (Total course duration was = 15 hours). (Concerned IIRS Nodal Centre- St. Thomas College, Bhilai).

- Participated in the Online Quiz Competition on **"Fundamental of Computer"** Organised by the Department of Computer Science and has passed with excellent scores.

- Participated and passed in G.K. Competition on **"International Yoga Day and COVID-19"** organised by Shaildevi College, Anda, Durg(C.G).

WORKSHOPS:-

- Participated in a workshop on **"Foldscope: An Educational and Research Tool"** Organised by the University of Mumbai held at Institute of Renewable Energy Technology and Management, Pt. Ravishankar Shukla University, Raipur.

SEMINAR & WEBINAR:-

- Participated in National Webinar on **"Optical And Electrical Modelling & Simulation For Organic Semiconductor Devices Using Setfos S/W"** Organised by School Of Studies in Electronics & Photonics institute of renewable Energy technology & Management, Pt. Ravishankar Shukla University, Raipur [C.G.] & Impulse Technology, Gurugram, Haryana Industry - Institute Interaction.

- Participated in National Webinar on **"Optical Communication: Innovation and Application To 4G-5G Technology"** sponsored by: State project Directorate, Department of Higher Education, Govt. of M.P., Bhopal under World Bank Project of M.P. Higher Education Quality Improvement Program (MPHEQIP).

- Participated in National webinar on **"Science and Technology for Innovations, Entrepreneurship and jobs"** under the aegis of Public Outreach Centre School of Studies in Electronics and Photonics institute of renewable Energy technology & management Pt. Ravishankar Shukla University, Raipur [C.G.].

- Participated in National webinar on **"Contribution of physics towards Atma Nirbhar Bharat"** (CPTANB-2020) Organised by the Department of physics in association with IAPT RC 09 and MPHEQIP (WORLD BANK PROJECT).