

Manoj Gurav

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SUMMARY

Graduated in BSc Physics, Post-Graduation in Environmental Science with 2+ years of experience as a Lab Assistant and Research Assistant in Environmental Science. Experience in water monitoring and analyzing to determine various water parameters, performing green audits, and handling of required instruments. Experience and knowledge of performing lab as well as on-field activities. Ability to perform activities independently or in a group with good interpersonal skills.

EDUCATION

Master of Science in Environmental Science Aggregate: 80%
Shivaji University, Kolhapur

Bachelor of Science in Physics Aggregate: 56%
RC Shahu College, Under Shivaji University, Kolhapur

EXPERIENCE

Lab Assistant/Volunteer Researcher, Dept. of Environmental Science, Research Laboratory April 2022 - Present

Work Skills:

Water Monitoring-

Parameters -	• COD	• BOD	• HARDNESS
	• CHLORINE	• PH	• DO
	• TS	• TDS	• TSS
	• SULPHATE	• ALKALINITY	• PHOSPHATE

Instrumentals handled –

- UV-spectrophotometer
- AAS (Atomic Absorbance Spectrometer)
- Air monitoring (pm 2.5, pm 10)

Green Audit -

- Green Audit in various (10+) colleges in Chandgad, Nipani, and Kolhapur area.
- Land use system.
- Biodiversity status.
- Pollution.
- Water resource and management.
- Energy consumption and management.

Extracurricular activities -

- Workshop & hands-on training on XRD organized by SAIF-CFC under stride program.
- Completed value added course on “Recent advances in environment & safety” funded by DST-PURSE organized by Shivaji University in year 2022.

PROJECTS

WASTE WATER TREATMENT BY PHYTOREMEDIATION

- A new phyto-technology based on the use of vetiver grass (*Vetiver zizanioides* L.) for numerous environmental protection.

Achievements and Awards-

- 2nd rank in Debate competition organized by Department of Environmental Science and ISHRAE, Kolhapur.
- 2nd rank in Poster presentation competition organized by Department of Environment Science and ISHRAE, Kolhapur.

SKILLS

- Good at Presentation skills and Public Speaking.
- Well versed in computer and internet operations.
- Good Interpersonal skills, Healthy co-operation and clear communication.

Activities

- Volunteered in Ganesh Idol Collection Campaign organized by Department of Environmental Science, Shivaji University, Kolhapur.
- Well versed in computer and internet operations.

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.

Sincerely,

Manoj Mahadev Gurav