

**UNIVERSITY GRANTS COMMISSION
WESTERN REGIONAL OFFICE
GANESHKHIND, PUNE-411007**

**PROFORMA FOR SUBMISSION OF INFORMATION AT THE TIME OF SENDING
THE FINAL REPORT OF THE WORK DONE ON THE PROJECT**

- 1. Name and address of the principal investigator:** Prof. Parmeshwar R. Gaikwad

- 2. Name and address of the institution:** Department of Zoology, Late B. S. Arts, Prof. N. G. Science & A. G. Commerce College, Sakharkherda, Tq. Sindkhed Raja, Dist. Buldana. 443202

- 3. UGC approval no. and date:** File no. 47-703/13 (WRO),Dt. 20.05.2014

- 4. Date of Implementation:** 01.06.2014

- 5. Tenure of the project:** Two years 01.06.2014 to 31.05.2015.

- 6. Total Grant Allocated:** 2,60,000/- only.

- 7. Total Grant Received:** 1,85,000/- only.

- 8. Final Expenditure:** 2,62,980/- only

- 9. Title of the project:** *"Studies on the Zooplanktonic diversity of Lonar Crater"*

- 10. Objectives of the project:**

Study of Zooplankton diversity of Lonar crater basically provides physicochemical characteristic of water and their effect on them.

- 11. Whether Objectives were achieved:**

The Progress of the Project has been according to the original plan of the Work and some zooplankton and no new findings observed. Only changes observed in water parameter during different time scale.

12. Achievements from the Project:

During the study period we have found that the eutrophication impact on the Lonar crater is more due to human interruption such as adding much more chemical waste along with drainage system into crater. The depth of water body decreases day by day due to mud from hilly region hence biodiversity of the lake is in danger. In order to save the crater human activities should be prohibited. The present work will be helpful for the awareness among the society.

13. Summary of the Findings:

The Project was divided in two parts which includes the physicochemical parameters and zooplankton diversity of Lonar crater. The parts wise summary is as follows:

Part – I:

This part describe the physicochemical parameter of Lonar water which include temperature, pH, Dissolved oxygen, Total Hardness and alkalinity.

Part – II:

This part describe the 11 different genera of zooplankton which will be mention earlier by different researchers.

14. Contribution to the Society:

The Proposed work can be utilized to train the Post Graduate and M. Phil. Students while working on the Lonar crater. This Project will also be helpful to the society for awareness to save the natural heritage.

15. Whether any Ph.D. enrolled / produced out of the project: NO

16. No. Of publications out of the Project: NIL



Prof. P. R. Gaikwad
(Principal Investigator)



Dr. N. N. Gawande

(PRINCIPAL)

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