

# SEVADAL MAHILA MAHAVIDYALAYA, NAGPUR

Place for Higher Learning and Research (Research Academy)

Department of Environmental Science

## Report on Projects/Dissertation allotted to M.Sc.II, Semester-IV Students of Subject Environmental Science during the academic Session from 2016-17 to 2021-22

As per the syllabus of M.Sc. II, Semester-IV (Environmental Science) of Rashtrasant Tukadoji Maharaj Nagpur University Nagpur, the students enrolled for PG Environmental Science course have to complete their Project/Dissertation work under the supervision of faculty members for the partial fulfillment of the degree.

During the academic session from 2016-17 to 2021-22, P.G Environmental Science semester-IV students are allotted project on various topics such as, **Effect of industrial waste on plants; Proximate analysis of solid waste; Biogas production through cow dung; Physico-chemical characteristics of water and wastewater sample; Impact of industrial waste on soil; Analysis of contaminated soil; Preparation of vermicast; Removal of contaminants from water and wastewater using natural adsorbents; Preparation of bio-plastic; Impacts of noise pollution; Heavy metals analysis in fly-ash; Review of literature on various topics, etc.**

List of students along with the title of respective project topic and name of the supervisor for the above mentioned academic sessions are enclosed herewith.

S.No.	Academic session	No. of students enrolled for Semester-IV
1.	2016-17	11
2.	2017-18	27
3.	2018-19	23
4.	2019-20	12
5.	2020-21	21
6.	2021-22	26



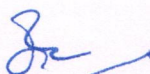
(Dr.S.L.Pal)

In-Charge

P.G.Department of Env.Science  
Sevadal Mahila Mv, Nagpur

In-Charge

PGTD, Environmental Science  
Sevadal Mahila Mahavidyalaya, Nagpur



Principal  
Sevadal Mahavidyalaya  
Nagpur

# Sevadal Mahila Mahavidyalaya

Sakkardara Square, Umrer Road Nagpur

## Post Graduate Department of Environmental Science


### List of the Students for Dissertation

#### MSc II Environmental Science

Session: 2021-22

Sr No.	Name of the Student	Topic Name	Name of the Guide	Name of the Co-Guide
1.	<b>Abhilasha Zanzad</b>	Vermicompost preparation from using different types of organic waste.	Dr. B.S.Tapase	
2.	<b>Achal Bhisekar</b>	Evaluation of the Heavy metals contamination in groundwater of Bhugaon Industry.	Dr. B.S.Tapase	
3.	<b>Aparna Khandait</b>	-	Mrs.P.V. Barde	Dr. P.N. Charde
4.	<b>Apeksha Gondane</b>	Physico-chemical analysis of Ambora river in water.	Mrs.P.V. Barde	Dr. P.N. Charde
5.	<b>Apurva Shende</b>	Study of heavy metals in groundwater around Western Coalfields Limited (WCL), Umred	Mrs.P.V. Barde	Dr. P.N. Charde
6.	<b>Ashvini Narade</b>	Comparative analysis of RO treated water and well water	Dr S. L Pal	
7.	<b>Dinisha Uikey</b>	Effectiveness of neem seed extract as a Bio Insecticide against Mustard Aphid.	Mrs.P.V. Barde	Dr S. L Pal
8.	<b>Hemlata Mehar</b>	Experimental study on aeration performance and bubble characteristics of inverted umbrella aerator on lake water and wastewater.	Dr. B.S.Tapase	
9.	<b>Madhuri Mahore</b>	Estimation of bio-absorption of heavy metal by the roadside plantation from heavy traffic area.	Mrs A.A. Chinchmalatpure	Dr. P.N. Charde
10.	<b>Minakshi Nannaware</b>	Physico-Chemical characteristics of Flyash &	Mrs A.A. Chinchmalatpure	Dr. P.N. Charde



  
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		Cowdung and its application in eco-friendly products.		
11	<b>Mrunal Mathurkar</b>	Comparative study of organic soil, inorganic soil and barren soil.	Mrs.P.V. Barde	Dr S. L Pal
12	<b>Neha Chaudhari</b>	Assessment of soil quality with respect to Physico-Chemical parameters and some heavy metals in surroundings of Thermal Power Station, Khaperkheda, Koradi, Maharashtra, India.	Mrs A.A. Chinchmalatpure	Dr S. L Pal
13	<b>Neha Ghughuskar</b>	Physical- Chemical analysis of Ambora River	Dr S. L Pal	
14	<b>Payal Borkar</b>	Performance evaluation of activated sludge process in the treatment of Nag river waste water	Dr S. L Pal	
15	<b>Pooja Bhute</b>	An overview of application of Biosurfactance in removal of heavy metal from environmental samples.	Dr. K.V. Dubey	
16	<b>Prachi Mane</b>		Dr S. L Pal	
17	<b>Pradnya Petkar</b>		Dr S. L Pal	
18	<b>Puja Pande</b>	-	Dr S. L Pal	-
19	<b>Roshni Kakde</b>	Biodegradation of commercial synthetic dyes present in textiles effluent by microorganism	Dr. Mrs. S.R. Nimbarte	
20	<b>Ruchira Adkine</b>	Characteristics and effects of aquarium waste water on plant growth.	Mrs.P.V. Barde	
21	<b>Sharayu Malamkar</b>	Comparative study of banana peel(Musa Paradisiaca) and alum(aluminium sulphate)	Dr S. L Pal	



  
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		for coagulant dose in spiked water sample.		
22	<b>Shital Shende</b>	Preparation and use of biopesticides by neem, cattle urine and some natural products.	Dr S. L Pal	
23	<b>Shraddha Wankhede</b>	An overview of effects of industrial effluent on plants and seed germination	Dr. V. S. Dongre	
24	<b>Sneha Khune</b>	Comparative study between agricultural soil and soil contaminated with discharge of polymer waste.	Dr. S.L. Pal	
25	<b>Sonal Satpaise</b>	Disaster management : Relief, Rehabilitation and Development.	Dr. V. S. Dongre	
26	<b>Vishakha Yende</b>	-	Dr S. L Pal	



Dr. S.L. Pal  
In-charge  
PGDT Environmental Science



Dr. P.N. Charde  
principal  
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