

# DEPARTMENT OF ENVIRONMENTAL SCIENCE

Faculty of Science



# **Foundation / Establishment**

- **Year of Establishment – 1993**
- **Names of Programmes offered :**
  - M.Sc. Environmental Science
  - Post Graduate Diploma in Industrial Safety Health and Environment (PGDISHE)
  - Certificate Course in Birding (CCB)
  - Diploma Course in Basics of Ornithology (DCBO)
  - Post Graduate Diploma in Disaster Management (PGDDM)
  - Ph.D. Environmental Science

# Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D Students guided
<b>Prof. Praveen Mathur</b>	M.Sc.; Ph.D. (Czech Republic),	Professor	P.G.D.E.I.A.; P.G.D.E.L. (NLSIU, Bangalore)	28	Ph.D- 12
<b>Prof. Subroto Dutta</b>	M.Sc.; Ph.D	Professor	Post .P.G Diploma in Environmental Ecology	31	Ph.D- 11

# Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS )
Professor	1	Nil	2
Associate Professor	1	Nil	Nil
Assistant Professor	2	2 (Both promoted to Professor through CAS)	Nil

# **Interdisciplinary Programmes and Departments Involved**

- Since 2015-16 Courses in M.Sc. Microbiology and M.Sc. Environmental Science are being run in Choice Based Credit System (CBCS) scheme in the Department of Microbiology and Department of Environmental Science.

# Add on Courses

- Department of Environmental Science run four add on courses in Department viz. PGDISHE (Post Graduation Diploma in Industrial Safety, Health and Environment) CCB (Certificate Course In Birding), DCBO (Diploma Course in Basics of Ornithology) and (PGDDM) Post Graduate Diploma in Disaster Management.
- These 3 courses are specialized courses which are not taught elsewhere in Rajasthan.
- These are job oriented courses helping students along with M.Sc Degrees.
- Add on courses helps students in there future as Functional area expert in EIA Sector and Environmental officers in Industrial Sectors.
- Through these course regular Field and Industrial visits are organised by department.

# Teaching Arrangements in Department of Environmental Science

Post	Name
<b>Permanent Faculty</b>	
1	Prof. Praveen Mathur
2	Prof. Subroto Dutta
<b>Guest Faculty</b>	
1	Dr. Shubhra Singh
2	Dr. Firoz Khan
3	Mr. Rounak Choudhary
4	Miss. Mihira Audichya
5	Dr. Vivek Sharma
6	Dr. Rashmi Dadhich
<b>Adjunct Faculty</b>	
	Prof. Ashish Bhatnagar
	Prof. Monika Bhatnagar

# **Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual**

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
Lab Assistant	1	1	1
Lab Boy	1	NIL	NIL
IV Class	1	1	1

# Research

# RESEARCH THRUST AREAS

## **Prof. Praveen Mathur**

1. Environmental Impact Assessment Related Studies.
2. Air Pollution Monitoring
3. Water Pollution Status Studies
4. Ecotourism.
5. Hydro Biological Studies.
6. Environmental Management Systems
7. Environmental Legislations
8. Ornithology

# RESEARCH THRUST AREAS

## **Prof. Subroto Dutta**

1. Environmental Geology
2. Environmental Pollution (Heavy Metal Analysis)
3. Disaster Management.
4. Hydrology & Hydrochemistry.

## ***PROF. PRAVEEN MATHUR:- PAPERS PUBLISHED IN BOOKS AND JOURNALS***

S.No	Title
1	Sterba,O., Uvira,V., <b>Mathur,P.</b> , Rulik, M.(1992): <i>Variations of the Hyporheic Zone Through a Riffle in the River Morava, Czechoslovakia</i> , Regulated Rivers: Research and Management, Vol 7, 31-34 (British Journal).
2	Uvíra, V. & <b>Mathur, P.</b> (1993): Temporal and spatial distribution of microphytobenthos in the hyporheal of the Morava River and influence of the most important abiotic factors. [Sezónní a prostorová distribuce mikrofytobentosu v hyporheálu řeky Moravy a vliv rozhodujících abiotických faktorů.]- <i>International Symposium „River Bottom III“</i> , September 28- 30, 1993, Olomouc, Czech Republic. Proceedings: 105 (in Czech)
3	<b>Mathur Praveen</b> and Chowdhary Nimit (1999): <i>Promoting Tourism at Pushkar Valley:The Green and Clean Options</i> ,The Economic Challenger No.2 Issue 5.
4	<b>Mathur Praveen</b> and Chowdhary Nimit (1999): <i>Environmental Degradation at Pushkar Valley (India): Restrain Tourism or Promote Tourism?</i> , ACTA Universitatis Palackianae Olomucensis (Czech Republic), Facultas Rerum Naturalium, Biologica 37.
5	<b>Mathur Praveen</b> and Chowdhary Nimit (2000): <i>Environmental Management: The Vedic Options?</i> Vedic Path Vol LVIII No.4, June 2000

S.No	Title
6	<b>Mathur Praveen</b> and Chowdhary Nimit (2001): <i>Industry of Rajasthan: An Environmental friendly orientation</i> . Journal of Environment and Management. Vol.10. No. IV June 2001
7	<b>Mathur Praveen</b> and Chowdhary Nimit (2002): Development strategy: the sustainable options in Rao, P. Mohana and Jain, Trilok Kumar (Eds.) Corporate Strategies: New Age Weapons for Excellence, New Delhi: Deep and Deep.
8	Jeengar Chandra Prakash and <b>Mathur Praveen</b> (2002): <i>Characterization and chemical analysis of solid wastes of Ajmer City.- A case study approach</i> . Proceedings of National Seminar on Solid Waste Management - Current status and strategies for future 12-14 December 2002
9	R.P. Singh and <b>P. Mathur</b> (2005): Investigation of variations in Physico-chemical characteristics of a fresh water reservoir of Ajmer city, Rajasthan. Indian Journal of Environmental Sciences 9 (1) 2005, pp.57-61.
10	A. Patni, R. Mathur, <b>P. Mathur</b> & R.P. Singh (2006): Fatty acid composition of selected edible oil samples of Jaipur city, National Journal of Life Sciences , Volume 3 No.1, 2006
11	<b>Mathur Praveen</b> and Upadhyaya Deepika (2005): A tradition of Social responsibility - An article published as case study in Organization culture and Human Talent- The Service industry by Nimit Chowdhary and Bhagwati P Saraswat.2005 , Macmillan India Ltd.

S.No	Title
13	Chowdhary, N., <b>Mathur, P.</b> and Upadhyaya, D. (2005): 'Green activism: How far do we go?' in Baxi, C.V. and Singh, A., Corporate Social Responsibility, New Delhi: Excel Books.
14	Singh Rajendra and <b>Mathur P</b> (2005): "Studies on a polluted lentic waterbody (Anasagar lake) of Ajmer with special reference to its physico-chemical and biological status" in Aquatic weeds – problems, control and management by S.M. Mathur et.al. Himanshu Publications. Udaipur
15	Sharma Manisha, Soni Bhupendra, <b>Mathur P</b> , (2006): "Wind Energy Power Generation Technology: Scope Economics and Environmental Effects" in the Proceedings of National Conference on Energy and Environment, Jaipur
16	Jeengar C P and <b>Mathur Praveen</b> , (2008): "Vermicomposting of Solid waste in a Holy city of India", National Journal of Life Sciences5 (1) .
17	Saraswat P.K., Nirwan P.S., Saraswat Shilpi, <b>Mathur Praveen</b> (2008): " Biodegradation of dead bodies including human cadavers and their safe disposal with reference to mortuary practice". Journal of Indian Academy of Forensic Medicine, Vol.30 Issue 4.
18	Singh R.P.,Jiang Ying he, <b>Mathur Praveen</b> (2009): Status of municipal wastewater treatment in some cities of India, Journal of Environmental Technology and Engineering, China
19	<b>Praveen Mathur</b> , Sarita Sharma, Bhupendra Soni (2010): "Multiple regression equations modeling of ground water of Ajmer-Pushkar Railway line region, Rajasthan (India)". Journal of Environmental Science and Engineering Vol.52,No.1,p.11-14.

S.No	Title
20	<b>P. Mathur</b> , Kriti Sharma, Yati Kachhawa Sangeeta Patan (2010): Public Participation in Environmental Decision Making with special reference to project in Rajasthan, Current World Environment 5(1).
21	<b>P. Mathur</b> , Sangeeta Patan, Kriti Sharma, Yati Kachhawa (2010): Identification and classification of some fresh water invertebrates in Anasagar Lake of Ajmer, Current World Environment 5(1).
22	<b>Praveen Mathur</b> , Yati Kachhawa, Kriti Sharma and Sangeeta Patan (2010): Impacts of proposed north- western railway track (Ajmer to Pushkar) on flora and fauna of the region Journal of Environmental Research and Development , Volume No. 5 Issue No.: 1 Page No.: 215-221
23	<b>Praveen Mathur</b> , Anand S Shobhawat, Kriti Sharma, Sangeeta Patan (2010): Benefits of Implementing Environmental Management System (EMS) in small scale industries of Kishangarh (Rajasthan). <i>The ekologia</i> (The Ekol. ) vol 10(1 - 2): Page no 49 - 58.
24	Bhupendra Soni, Saurabh Kharadiya, <b>Dr. Praveen Mathur</b> , Dr Sangeeta Loonker (2010): Environmental Impact Assessment: Tool for sustainable development. Ecology, Environment and Conservation Paper, 16 (2): 249-253.
25	<b>Praveen Mathur</b> and Kriti Sharma (2011): Public Participation in Environmental Decision Making with Special Reference to Project in Rajasthan. Indian J. Environ. & Ecoplan. 18 (2-3):395-400.

S.No	Title
26	Anand Shobhawat, <b>Mathur Praveen</b> & Sangeeta Patan (2011): Why Indian Universities need Waste Management System: A case study of Waste Management System in M.D.S. University, Ajmer (Raj). International Journal of Environment and Earth Science1:1, 46-55
27	R P Singh, D F Fu, L Cheng and <b>P Mathur</b> . (2012): "Structural Properties and Performance of Self-dynamic Membrane Bioreactor Using Sponges as Filter Material". Archives Des Sciences, Vol. 65, No. 7.
28	<b>Praveen Mathur</b> , Anand S. Shobhawat, Sangeeta Patan (2012): Environmental management plan for rain water harvesting system in M.D.S. University, Ajmer- A case study, International Journal of Environmental Sciences and Research Vol. 1, No. 4, : pp. 97-103.
29	<b>Mathur P</b> , Patan S, Shobhawat S. (2012): Need of Biomedical Waste Management System in Hospitals - An Emerging issue - A Review. Curr World Environ;7(1):117-124
30	Sharma Kriti and <b>Mathur P</b> . (2014): A Sustainable Diet for a Sustainable Life: An Indian city, Ajmer as a Case Study, International Research Journal of Environment Sciences, Vol. 3(2), 1-7.
31	Patan S, <b>Mathur P</b> . (2015): Assessment of biomedical waste management in government hospital of Ajmer city – a study, International Journal of Research in Pharmacy and Science, 5(1) ; 6 – 11

S.No	Title
32	Jadon.M, Patan.S, <b>Mathur. P.</b> (2019): Seasonal Variation of Avian Fauna Diversity Of anasagar lake, Ajmer: A case study from central Aravalli Foothill Ranges.Shrinkhla Ek Shodhparak vaicharik patrika. Vol-6, Issue 10,June 2019.
33	Sharma. C, Bhardwaj.R, Sharma.V, <b>Mathur.P.</b> Time budget pattern of three Antidae family members( Ruddy shelduck,Bar headed goose & Indian spotbill Duch) from foy sagar weatland Ajmer, Rajasthan,Research Journal Of chemical & Environmental Sciences,Res j.chem.enviran.sci Vol 7(3) June 2019:56.66.
34	Sahu, H., Patan, S., Sharma, V., and <b>Mathur, P.</b> Estimation of Heavy Metal Residues from the Feathers of Blue Rock Pegion (Columba livia) from Ajmer City, Rajasthan.Res J. Chem. Environ. sci. Vol 7 (5-6) Oct-Dec 2019; 08-14.
35	Sharma, V., Choudhary, R., & <b>Mathur, P.</b> (2020). AVIFAUNAL COMPOSITION OF VARIOUS MICROHABITATS OF SOUTHERN NAGPUR (PARBATSAR, KUCHAMAN, NAWA AND MAKRANA), RAJASTHAN. <i>International Journal of Research - GRANTHAALAYAH</i> , 8(11), 112–128.

# Member District Environmental Impact Assessment Authority (DEIAA)

- Dr Praveen Mathur was member of DEIAA to give sanctions to Categories B2 Mines in Ajmer Division.

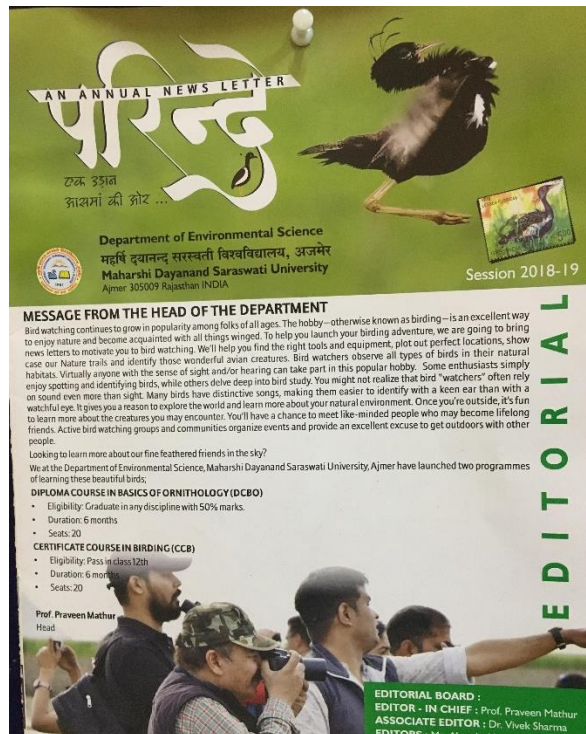
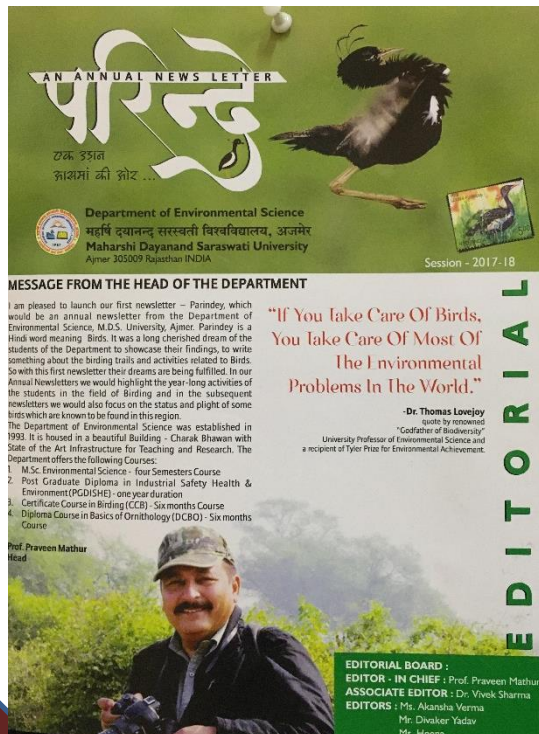
**As on 30 Nov 2021**

	Citation Indices	All	Since 2016
<b>Prof. Praveen Mathur</b>	Citation	390	252
	h-index	7	6
	i10-index	6	4

# Departmental Activities

# Departmental Newsletter

Department of Environmental Science publishes an annual news letter "Parindey" which majorly emphasis on Field trips, Bird Sightings and relevant publications. Also in November 2021, department published a brochure "Common Birds of Maharshi Dayanand Saraswati University, Ajmer" Which contains pictures and common name of resident and migratory birds of the campus.



# **Faculty serving in National committees and Editorial Boards**

- **Prof. Praveen Mathur:-**

## **National Committee**

Member in Expert Appraisal Committee (EAC) of Ministry of Environment and Forests, Govt. of India in the Sector – River valley and Hydropower for a period of two years. From July 2011- 2013.

- **Membership in BOS/COC of other Universities**

- As External Member in Board of Studies in Environmental Sciences, Maharaja Ganga Singh University, Bikaner
- As External Members in Committee of Courses in Environmental Sciences in Mohanlal Sukhadia University, Udaipur.
- Convenor BOS/COC of Environmental Science, M.D.S. University Ajmer
- As External Expert nominated by Kulpati in Research Degree Committee, in Environmental Science, Rani Durgavati Vishwavidyalaya, Jabalpur.
- As External Member in Board of Studies in Environmental Sciences, Vikram University, Ujjain (M.P.)
- Expert for Book review of Environmental Science books of Atal bihari Bajpaye Hindi University, Bhopal

- **Membership in committees of District Administration**

- Expert Member on District Environmental Impact Assessment Authority ( DEIAA)
- Member, Ajmer Smart City Advisory Group on Environmental Conservation

- **Membership in Academic committees of M.D.S. University**

- Member, Technology Development and Capacity Building, Algae Biofuel & Biomolecules Centre, since 18.7.2012
- Inspector, Inspection team to Colleges for creation of Examiner Centre
- Co Coordinator PTET 2005, 2006, 2007, 2015, 17

# **Duties/Responsibilities given to Prof. Praveen Mathur**

- ✓ **Head, Department of Environmental Science**
- ✓ **Dean Students' Welfare**
- ✓ Cultural Coordinator
- ✓ Convener COC
- ✓ Member Academic Council
- ✓ Head Department of Sanskrit & Vedic Vangmay
- ✓ Nodal Officer- UGC Online Grievance Redressal Cell
- ✓ Director Maharshi Dayanand Shodh Peeth
- ✓ Dy. Director ABBC
- ✓ Centre Superintendant Environmental Science Department Examinations
- ✓ Nodal Officer Adopted Village
- ✓ Coordinator PTET 2018
- ✓ Incharge Mangalam Bhawan (Multi Utility Centre)
- ✓ Incharge Canteen
- ✓ Incharge University Park at Raj Bhawan Jaipur
- ✓ Member IQAC
- ✓ Micro. Task Force for Implementation of NEP
- ✓ Convenor Annual Report
- ✓ Convenor, Prospectus Committee
- ✓ Incharge Encroachment on University Land
- ✓ Member planning and monitoring board

## **Duties/Responsibilities given to Prof Subroto Dutta**

- ✓ **Professor & Head, Remote Sensing and Geoinformatics**
- ✓ Convener COC Remote Sensing
- ✓ Convener COC Environmental Science
- ✓ Member Academic Council
- ✓ Incharge Department of Geography
- ✓ Convener Revaluation
- ✓ Director Sindhu Shodh Peeth
- ✓ Centre Superintendent Examination Remote Sensing
- ✓ Director Research

Achievements /  
Honours / Awards

# M.Sc. Environmental Science

## Gold Medalists

S.No	Name	Year
1	Shalini Chaturvedi	1999-2000
2	Charu Jhamaria	2000-01
3	Manjari Garg	2001-02
4	Smita Sharma	2002-03
5	Bhupendra Soni	2003-04
6	Ruchika Sharma	2004-05
7	Meenakshi Sankhla	2005-06
8	Kriti Sharma	2006-07
9	Daisy Eva Harison	2007-08
10	Lokendra Singh	2008-09
11	Archana Gupta	2009-10
12	Garima Sharma	2010-11
13	Malti Garg	2011-12

S. No	Name	Year
14	Achla Pancholi	2012-13
15	Pooja Soni	2013-14
16	Ruchi Vaishnav	2014-15
17	Deepika Vaishnav	2015-16
18	Hemlata Joshi	2016-17
19	Priyanka Kabra	2017-18
20	Mansi Jadon	2018-19
21	Rounak Choudhary	2019-20

## NET/SET Qualified Students of Department

S.No	Name of Student	Year	NET/SET
1	Anil Kumar Patni	2001	Ag. NET
2	Rajendra Prasad Singh	2001	Ag. NET
3	Shiv nath Chalka	2002	NET
4	Griraj Kumar Songara	2003	NET
5	Mahesh Kumar Verma	2003	SET
6	Radhika Jhanwar	2003	NET
7	Smita Sharma	2003	NET
8	Surendra Verma	2003	NET
9	Pramod Dagla	2003	NET
10	Bhupendra Soni	2004	NET
11	Prabhu Dan Charan	2004, 2010	SET, NET
12	Manoj Meena	2005	Ag.NET
13	Pratibha	2005	SET

S.No	Name of Student	Year	NET/SET
14	Subhash Rajora	2005	NET
15	Yati Kachhawa	2005	SET
16	Abha Sisodia	2006	NET,SET
17	Anand Shobhawat	2006	SET
18	Meenakshi Sankhla	2006	SET
19	Surendra Nawal	2006	SET
20	Firoz Khan	2007, 2010	NET, SET
21	Chandresh Kumar	2007	NET
22	Deepak Ojha	2007	NET
23	Kriti Sharma	2007	SET
24	Prama Esther Soloman	2007	NET
25	Devendra Pratap Singh Meena	2008	NET
26	Neelima Nair	2008	SET
27	Sangeeta Patan	2008	NET
28	Sudhir Verma	2010	SET
29	Namrata Dangara	2010	SET
30	Santosh Kumar Basethia	2010	SET

S.No	Name of Student	Year	NET/SET
31	Hitesh Tanwar	2010	SET
32	Pramila S Khatri	2010	SET
33	Garima Sharma	2011	NET
34	Monika Kumawat	2011	NET
35	Naresh Choudhary	2011, 2013	SET, NET
36	Urvashi Haldani	2012	SET
37	Narendra Singh Naruka	2012	SET
38	Vinita Agarwal	2012	SET
39	Vinita Gupta	2012	NET
40	Achla Pancholi	2013	SET
41	Lalita Dhakad	2013	SET
42	Parul Sen	2013, 2017	SET, NET
43	Smita Yadav	2013	SET
44	Seema Joshi	2014	NET
45	Pooja Soni	2014	SET
46	Sucheta Yadav	2017	NET
47	Meenoo Chaudhary	2018	NET

S.No	Name of Student	Year	NET/SET
48	Sudha Chaudhary	2019	NET-JRF
49	Neelam Jhorwal	2020	NET
50	Rounak Choudhary	2020, 2021	UGC-NET, ICAR-ASRB NET

# PGDISHE TOPPERS

S.No	Name	Year
1	Sangeeta Patan	2011
2	Anand S. Shobhawat	2012
3	Parul Sen	2013
4	Sanagapati Chandrashekhar Babu	2014
5	Arpan Asopiya	2015
6	Akram Raza	2016
7	Shubham Jain	2017
8	Yashasvi Sharma	2018
9	Sunita Kumari	2019

# CCB TOPPERS

S.No	Name	Year
1	Akansha Verma	2018
2	Umesh Dutt	2019
3	Prem Kumari	2020

# DCBO TOPPERS

S.No	Name	Year
1	Salam Promila Chanu	2017
2	Akansha Verma	2018
3	Rounak Choudhary	2019

# Facilities

# **Departmental Infrastructural Facilities**

- Departmental Library- 76 books**
- Internet facilities for staff and students** – Facility available for the faculty and research scholars.

# **Total number of Class Rooms-**

- Lecture Hall I – for M.Sc. Previous
- Lecture Hall II – for M.Sc. Final
- Lecture Hall III – for PGDISHE
- Smart Class room
- EIA Room
- Disaster Management Room
- Ornithology Class Room/Seminar Room
- Conference Hall

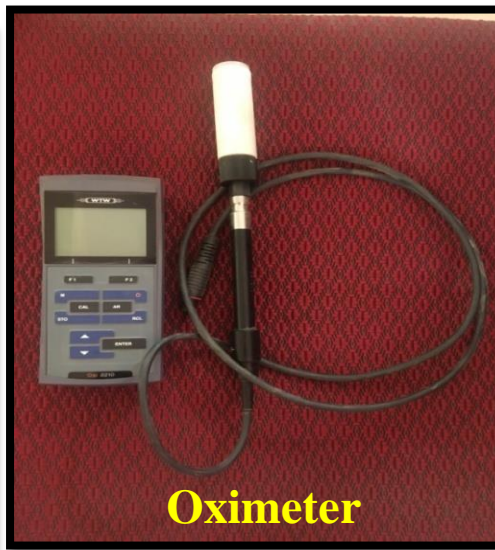
# Student / Research Laboratories

- Air Lab
- Soil Lab
- Water Lab –I
- Water Lab – II
- Hi-tech Lab
- Microbiology lab
- Computer lab

# Facility Available in Department Air Lab

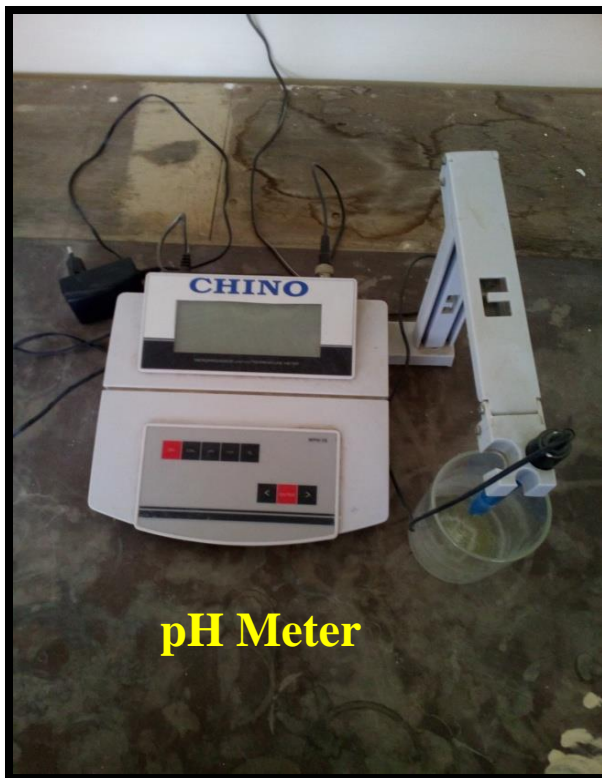
1. Wind Monitor with temperature, relative humidity, rainfall, wind speed wind direction sensors
2. Respirable Dust Sampler
3. High Volume Sampler
4. Noise Level Sampler
5. SO<sub>x</sub> and NO<sub>x</sub> Analyser
6. COD Digester
7. Handy air sampler
8. Oven, Incubator, Centrifuge
9. Laminar Air Flow
10. Fume hood and digester apparatus
11. Hot plate, water bath and shaker machine.

# Instruments Facility Available in Hi-tech lab





**EC/ TDS Meter**



**pH Meter**



**Flame Photometer**



**SO<sub>x</sub> and NO<sub>x</sub>  
Analyser**



**Handy Air Sampler**



**Respirable dust Sampler**



**Noise level  
Meter**



**Wind Monitor System**



**Anemometer**

# Science for Society

# **Participation of Students and Faculty in Extension Activities**

- Students actively participate in Blood Donation Camp; students also participate in Environmental Awareness campaigns which are dedicated to promote awareness and activism to the community by providing information concerning environmental related issues. The Youth achieve this goal by providing information material in the form of brochures, presentations, and educational videos. These prompts will be presented, as well as distributed to the community, including schools and Public Facilities
- Faculty – One of the faculty is programme Co-ordinator and NSS In charge of Unit-I. The faculty are invited to deliver lectures in various NSS activities as well as in schools, colleges and NGO's.

# “Beyond Syllabus Scholarly Activities” of the Department.

- The Department engages in various activities like Nature Trails, Trekking, Pollution Monitoring Activities at various Congested Areas regularly. The student also participate in Bird Watching activities.



# District Environment Plan (DEP)

- As per the directions of the Hon'ble National Green Tribunal (NGT), Chief Secretary appointed Prof. Praveen Mathur as Nodal Officer for four Districts (**Ajmer, Bhilwara, Nagaur and Tonk**) for the preparation of District Environment Plans and Maharshi Dayanand Saraswati University was designated as **Knowledge Partner** for the work. Faculty and Students of the Department was worked as the Interns for the work.

# **Contributions of the Department in generating new knowledge, basic or applied.**

- The Department Contribute in its own way by celebrating various Days of Environmental concern. The Media then highlights the significance of such days and local people are made aware of the consequences of their behaviour.

# Our Placements

# Pollution control board

S.no	Name	Batch	Organisation	Designation
1	DR. BHUPENDRA SONI	2004	RSPCB	SCIENTIFIC OFFICER
2	DR. MANOJ MEENA	2005	RSPCB	SCIENTIFIC OFFICER
3	NAMRATA DANGARA	2010	RSPCB	JUNIOR SCIENTIFIC OFFICER
4	DR. KIRTI SHARMA	2007	RSPCB	SCIENTIFIC OFFICER
5	DR. GIRIRAJ KUMAR SONGARA	2003	RSPCB	SCIENTIFIC OFFICER
6	DR. SURENDRA VERMA	2003	RSPCB	SCIENTIFIC OFFICER
7	DEVENDRA PRATAP SINGH	2008	RSPCB	JUNIOR SCIENTIFIC OFFICER
8	DEEPAK OJHA	2007	RSPCB	SCIENTIFIC OFFICER
9	HITESH KUMAR TANWAR	2009	RSPCB	JUNIOR SCIENTIFIC OFFICER
10	ANKITA SINGH RAJPUT	2017	RSPCB	YOUNG INTERN, TRAINEE
11	ASHUTOSH SHAMRA	2018	RSPCB	YOUNG INTERN, TRAINEE
12	HEMENDRA ROAT	2001	RSPCB	JUNIOR SCIENTIFIC OFFICER

# Consultancy sector

S.NO	NAME	BATCH	ORGANISATION	DESIGNATION
1	VIMAL YADAV	2016	TEAM INST OF SCIENCE AND TECH. PVT.LTD	ENVIRONMENTAL CHEMIST
2	DR YATI KACHHAWA	2005	GAJANG ENVIRONMENTAL SOLUTIONS PVY.LTD JAIPUR	VICE PRESIDENT
3	PARSURAM KUDI	2016	TEAM INST OF SCIENCE AND TECH. PVT.LTD	FIELD OFFICER
4	RUCHIKA SHARMA	2005	PROPRIETER ENERGY MANAGEMENT GROUP	DEPUTY MANAGER ENVIRONMENT
5	ANIL PATNI	2001	HASKONING DHV CONSULTING PVT	ENVIRONMENT EXPERT
6	YOGESH JATAV	2010	NATIONAL COLLATERAL MANAGEMENT LTD.	LAB HEAD
7	MUKESH RUNDLA	2017	GMEC INTERNATIONAL	FIELD OFFICER
8	GINNI BAROTIA	2013	GAURANG ENVIRONMENTAL SOLUTIONS PVT LTD	SR ENVIRONMENTAL
9	CHANDEA SHEKHAR CHOUHAN	2002	RAMJI MINE ENVIROTECH, JAIPUR	DY. MAMAGER( ENVIRONMENT)
10	MAHAVEER PRASAD SAINI	2002	SMEC INDIA PVT LTD	FIELD OFFICER
11	PRADEEP K SHARMA	2002	TEAM INSTITUTE JAIPUR	ENVIRONMENTAL CONSULTANT
12	SHIV NATH CHALKA	2002	CEG CONSULTANCY JAIPUR	ENVIRONMENTAL CONSULTANT
13	PURNIMA PANWAR	2004	J.M. ENVIROTECH	ENVIRONMENTAL CONSULTANT
14	SHILPI SAEARWAT	2006	VARDAN ( ENVIRONET) GURGAON PVT LTD	ENVIRONMENTAL CONSULTANT
15	LOKENDRA SINGH	2009	R.K. CONSULTANTS JODHPUR	FAE (CAT. B PROJECTS IN MINIG)
16	KAMLESH KUMAR	2009	MINETECH PVT LTD UDAIPUR	ENVIRONMENTAL CONSULTANT
17	KAMOD KANWAR RATHORE	2012	FULGRO ENVIRONMENTAL SERVICE INDIA PVT LTD	ENVIRONMENTAL OFFICER
18	MALTI GARG	2012	TEAM INST OF SCIENCE AND TECH. PVT.LTD	ENVIRONMENTAL ANALYST
19	ASHOK SHARMA	2013	JM ENVIRONET JAIPUR	ENVIRONMENTAL OFFICER
20	MUKSHA KUMAWAT SHARMA	2013	JM TEAM INSTITUTE OF SCIENCE AND TECHNOLOGY PVT LTD JAIPUR	ENVIRONMENTAL OFFICER
21	PRADEEP KUMAR	2013	JM ENVIRONET	ENVIRONMENTAL OFFICER
22	POONAM KANWAR	2012	OVERSEAS MIN TECH CONSULTANT, JAIPUR	ENVIRONMENTAL OFFICER
23	ANSHU SHARMA	2014	NS ENVIROTECH JAIPUR	ENVIRONMENTAL OFFICER
24	RAI SINGH	2001	ECO LABORATORIES PVT LTD	DY GENERAL MANAGER (ENVIRONMENT)
25	VIRENDRA KUMAR KHADIYA	2015	TEAM INSTITUTE OF SCIENCE AND TECH. JAIPUR	ENVIRONMENTAL CONSULTANT
26	OM PRAKASH YADAV	2013	ADANI CORT, BARUCH	ENVIRONMENTAL OFFICER

# Industry and other sectors

S.NO	NAME	BATCH	ORGANISATION	DESIGNATION
1	VINOD KUMAR AGARWAL	2005	LANCO VIDHARBHA THERMAL POWER LTD WARDHA, MAHARASHTRA	DY MANAGER (ENVIRONMENT)
2	VIKRAM SHEKHAWAT	2010	ASI INDUSTRIES	MANAGER (ENVIRONMENT)
3	AJAY SHARMA	2010	THE INDIA CEMENT LTD	ASST MANAGER
4	SURAJ SINGH RAWAT	2006	NTPC ANTA POWER STATION	ASST MANAGER (ENV)
5	AVINASH CHANDRA SHARMA	2007	UDAIPUR CEMENT LTD , UDAIPUR	SENIOR ENVIRONMENTAL ENGINEER
6	PUSHPENDRA KUMAT CHOUDHARY	2007	SHREE CEMENT LTD , ROORKEE	DEPUTY INCHARGE (ENV)
7	MUKESH K SHERAWAT	2009	AGRICULTURE PVTINDUSTRY	SR DEVELOPMENT OFFICER
8	MOHD. SALEEM	2012	TRIVENI GROUP OF INDUSTRIES PVT. LTD	ASST ENVIRONMENTAL ENGINEER
9	NANDKISHOR CHHNAGANI	2012	HINDUSTAN ZINC (VEDNATA) RAJSAMAND	PROCESS ASSOCIATE
10	RAVINDRA CHOUDHARY	2014	VEDANTA LTD CAIN OIL AND GAS RAGESHWARI GAS TERMINAL, BARMER	ENVIRONMENTAL COORDINATOR
11	BHUPENDRA SINGH RAJPUROHIT	2016	SHREE RAIPUR CEMENT VADODARA	
12	BHOMA RAM NEHRA	2000	CAM ENERGY BARMER	HEAD ENVIRONMENT RAJASTHAN OPERATION
13	YAGAYDEV DHADHICH	2009	ETP PANT BALOTRA	ENV. CHEMIST
14	DEEPAK RATHI	1995	BHARAT AGRO	MANAGER DIRECTOR
15	PRADEEP NEDWAL	2001	GENPACT JAIPUR	STP INCHARGE
16	SAURABH AGARWAL	2002	MANGALAM CEMENT AND NEER SHREE CEMENT MORAK	ENVIRONMENTAL OFFICER
17	CHANDRESH KUMAR	2007	ULTRATECH KOTPUTLI JAIPUR	ENVIRONMENTAL OFFICER
18	SUBHASH RAJORA	2005	BINANI CEMENT	ASST. ENGINEER
19	RAVI SHANKAR JOSHI	2015	AMBUJA CEMENT LTD	SER ANALYST (Q.A AND LAB)
20	BHAWANI SINGH JODHA	2015	AMBUJA CEMENT LTD	SR OFFICER PRODUCTION DEPT
21	MAINSH VYAS	2013	SCS ENVIRO SERVICE	ENVIRONMENTAL OFFICER
22	RAVI PATIDAR	2013	SCS ENVIRO SERVICE	ENVIRONMENTAL OFFICER

# Teaching and other sectors

S.NO	NAME	BATCH	ORGANISATION	DESIGNATION
1	MANJARI GARG	2002	MAYO COLLEGE AJMER	LECTURER
2	PROF. RAJENDRA PRASAD SINGH	2001	SOUTHEAST UNIVERSITY CHINA	PROFESSOR
3	GEETANJALI GANGULY	2005	ARYA COLLEGE OF ENG AND RESEARCH CENTRE	ASST PROFESSOR (CIVIL ENGG)
4	MOHIT CHAURASIYA	2001	ALLEN CAREER INSTITUTE, KOTA RAJASTHAN	SR LECTURER
5	URVASHI HALDANIA	2005	FOOD CORPORATION OF INDIA	
6	DR PRABHU DAN CHARAN	2005	MAHARAJA GANGA SINGH UNIVERSITY OF BIKANER	ASST PROFESSOR
7	PRAMA ESTHER SOLOMMA	2007	RAJASTHAN UNIVERSITY JAIPUR	ASST PROFESSOR
8	SATISH CHOUHAN	2007	NAGAR PATISHAD CHITTOR	ASST ENGINEER
9	SUDHIR VERMA	2008	ST ILFRED PG COLLEGE JAIPUR	HOD ASST PROFESSOR
10	ARJUN CHOUDHARY	2009	DEPT OF AGRICULTURE GOVT OF RAJASTHAN	ASST AGRICULTURE OFFICER
11	SUMAN RATHORE	2009	DEPT OF POST AJMER	POSTAL ASSISTANT
12	LALIT K DHAKER	2009	AGRICULTURE DEPARTMENT DIST RAJSAMAND	SUPERVISOR
13	DR PINKY CHOUHAN	2005	MAYO COLLEGE AJMER	LECTURER

# Self Assessment

# **Five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.**

## **Strength –**

- Good Placement
- Separate Building
- Infrastructure
- Job Oriented Courses

## **Weaknesses**

- Lack of Minimum Permanent Faculty
- Staff is not sufficient – No Librarian, No Gardener, No clerk.
- Time constraint/ administrative assignments does not allow sufficient time to the faculty for publication and research.

## **Opportunities**

- The Department is playing key role in overseeing the Compulsory paper of Environment which is being taught in all streams at Undergraduate level.
- The Faculty offers Consultancy to Colleges for their Green Audits and Environmental Concerns
- If Compulsory paper of Environment is taught in the letter and spirit of Hon'ble Supreme Court then there shall be lots of vacancies of Environmental Science Lecturers in Universities and Colleges.

## Challenges

- The Department is trying to get some collaboration with other Universities and trying to establish Industry – University Linkage and Memorandum of Understandings.

# THANKS

