

Evaluative Report of the Department

Name of the Autonomous College : Govt. Science College Jabalpur M.P.

Name of the Department : Botany, Environmental Science and Microbiology

Dist. : Jabalpur

State : Madhya Pradesh

Total Number of Departments in the institution.....

Sl. No.	Name of the Department	Botany	Environmental Science	Microbiology				
1.	Year of Establishment	1896	1988	1991				
2.	Names of programmes offered	B.Sc.,M.Sc,P h.D	B.Sc.,M.Sc,P h.D	B.Sc.				
3.	Number of teaching posts Sanctioned/Filled	9/6 + Guest Faculty -5	2/1 + Guest Faculty -3	Guest Faculty -2				
4.	Number of students enrolled							
		S.No.	Session	B.Sc.	M.Sc	B.Sc.	M.Sc	B.Sc.
		1	2013-14	232	38	27	42	86
		2	2014-15	252	30	33	41	93
		3	2015-16	370	40	44	45	99
		4	2016-17	454	32	49	20	150
		5	2017-18	737	40	131	20	182
5.	Number of Research Projects:	1						
	Total grants received	Rs. 20.32 Lakhs						
6.	Inter –institutional collaborative projects and Associated grants received							
	National collaboration	IITM Pune, Under the Ministry of Earth Sciences, New Delhi						
	International collaboration	Nil						
7.	Departmental projects funded by DST-FIST, DBT, ICSSR, etc., : Total grants received	A Major research project has been funded by Indian Institute of Tropical Meteorology, Pune, Under the Ministry of Earth Sciences, New Delhi, July 2013 to June 2017, Total Grant Received Rs. 20.32 Lakhs.						
8.	Special research laboratories sponsored by / created by industry or corporate bodies	1. The laboratory is equipped with Air Quality Monitoring Station, the only of its kind in M.P. State. The station is installed by IITM Pune free of cost under the major project.						
9.	Publications:							
	Number of Papers published	145						
	Number of Books with ISBN	Nil						
	Number of Citation Index – range / average	1-11/3						
	Number of Impact Factor – range / average	.1 to 6.8						
	Number of h-index							
10.	Details of patents and income generated	Nil						

11.	Areas of consultancy and income generated	<p>As this is a govt. institute, paid consultancy is not allowed, however honorary consultancy is provided on the request, received from the local agencies/People. Faculty of Botany helps in identification of plants and other plant related aspects. They also provide expert opinion for various other activities related to vegetation and plantation.</p> <p>Faculty of Environmental Science provides consultancy to local people /agencies/administration on all the environmental related issues. Pollution control board office also ask for expert opinion in various aspects related to pollution and other environmental related fields.</p>		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	<p>1. Dr.M.K.Thakur- Thomas Edison Award- 2014, by the Journal of Plant Pathology- Photons</p> <p>2. The faculty members of the department namely Ms Sulekha Pathak , Mrs. Preeti Dongre and Mr. I.P. Kori have availed UGC teacher fellowship under the Faculty Improvement Programme for completion of the research work. All the three faculty have been awarded Ph.D. Degree by RDVV Jabalpur in the 2015-2016</p> <p>3. Recognition – A MOU has been signed between the Environmental Researches Laboratory of the Deptt. And IITM Pune, Ministry of Earth Sciences, Govt. of India, New Delhi Another MoU is also signed between college and Narmada Gelatin Factory for collaborative research</p>		
	Doctoral/Post doctoral fellows	02 MP Young Scientists Fellowship (Env.Sc.)		
	Students	Nil		
13.	*How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive Examinations	<p>Dr. Anoop Sen – Cleared ICAR NET Twice Mukesh Jhariya – CSIR NET Dec. 2015 Miss Shama Rukhsar – UGC NET 2016 Dr. Lekhrum Patel – Cleared MPPSC for Assistant Professor Dr. Geeta Choube - Cleared MPPSC for Assistant Professor</p> <p>* After completing UG & PG Degree, students go for various jobs & cleared different examinations but the complete data is not available. We are in the process of developing the mechanism for tracking.</p>		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/institution	Environmental Science		
		Ph.D. Awarded	Submitted	Registered
From other institutions/universities			Anoop Shrivastava- Jodhpur National Uni. Purnima Shukla – APSUniv. Rewa Meghna Chakrabarti – TERI Univ. Delhi	

		Botany		
		Ph.D. Awarded	Submitted	Registered
	From the host institution/institution	Sulekha Pathak Vanita Mishra Sapna Dwivedi Uttam Bisen Reshma Parveen Femina Sobin Chanda Patel I.P. Kori Sulekha Yadav Faizi Ahmad	Mrs. Geeta Choubey	Shiv Kumar Kaurav Satish Kumar Jhariya Alka Kumari Mukesh Jhariya Mr. Deepak Kori Pratima Bisen Nidhi Tiwari Bhawna Choudhary Suryaprakash Shukla
	From other institutions/universities			Preeti Jaiswal- M.H.College, Jabalpur Monika Dubey- M.H.College, Jabalpur Mr. Ramesh Amale- J.N.K.V.V.Jabalpur Shradhha Choudhary- Sultanpur Farheen Ansari- RDVV, Jabalpur
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the Institution/State/ Central	Research Scholars – 2 SRF under the MOES New Delhi, Major Research Project- Subject Environmental Science Mr.Satish Jhariya- R.G.N.F. Post Metric Scholarship		
		PG Students –	Botany	Environmental Sc.
		2013-14	26	03
		2014-15	26	17
		2015-16	22	19
		2016-17	18	11
		2017-18	20	11