

Savitribai Phule Pune University

Annexure A

Information to be published on the website

1	About Department:	Department of Geology, Savitribai Phule Pune University, Pune (M.S) – 411 007. http://www.unipune.ac.in/dept/science/geology		
2	Courses offered:	1] M. Sc. Geology 2] PG Diploma in Geoenvironmental Appraisal and Management (PGDGAM) 3] PG Diploma in Geotechnology (PGDG)		
	a	Name of the course/s	Same as above	
	b	Duration of course/s	Course	Duration in years
			1] M. Sc. Geology	Two Years
			2] PG Diploma in Geoenvironmental Appraisal and Management	One Year
			3] PG Diploma in Geotechnology	One Year
	c	Application fee:	Course	General Category & Outside the state of Maharashtra in Rupees
				Reserved Category in Rupees.
			1. M. Sc. Geology	500/-
			2. PGDGAM	500/-
			3. PGDG	500/-
	d	Course Fee : (for the Maharashtra Students)	Course	Fee *
			1] M.Sc. Geology:	Domiciled candidate: 7974 / year Other State: Rs. 14374/ year Foreigner: Rs. 32424/ year
			2] PGDGAM:	Domiciled candidate: 18,000/ year Other State: Rs. 36,000/ year Foreigner: Rs. 72,000/ year
			3] PGDG:	Domiciled candidate: 18,000/ year Other State: Rs. 36,000/ year Foreigner: Rs. 72,000/ year

			Note: Changes are applicable with any amendments from University/Department
e	Syllabus of the course/s:	<p>1) M.Sc. Course Structure & Credits Distribution</p> <p>Semester I (All courses compulsory) GL 101: Mineralogy (4 credits) GL 102: Principles of Stratigraphy and Paleontology (4 Credits) GL 103: Physics and Chemistry of the Earth (4 Credits) GL 104: Sedimentology (4 Credits) GL 105: Practical's related to above courses (8 Credits) GL 106: Fieldwork component (1 credit)</p> <p>Semester II (All courses compulsory) GL 201: Igneous Petrology (4 Credits) GL 202: Metamorphic Petrology (4 Credits) GL 203: Structural Geology and Tectonics (4 Credits) GL 204: Geomorphology and Remote Sensing in Geology (4 Credits) GL 205: Practical's related to above courses (8 Credits) GL 206: Fieldwork component (1 credit)</p>	
		<p>Semester III GL 301: Indian Stratigraphy (4 Credits) Compulsory GL 302: Exploration Methods (4 Credits) GL 303: Petroleum Geology (4 Credits) GL 304: Environmental Geology (4 Credits) GL 305: Practical's related to above courses (8 Credits) Compulsory GL 306: Fieldwork component (1 credit) Compulsory GL 307: Isotope Geochemistry (2 Credits) GL 308: Quaternary Geology and Climate Change (2 Credits) GL 309: Oil Field Services (2 Credits) GL 310: Natural Resource Management (2 Credits) GL 311: Computer Application in Geology (2 Credits)</p> <p>Semester IV GL 401: Economic Geology (4 Credits) Compulsory</p>	

			<p>GL 402: Marine Geology (4 Credits) GL 403: Geographical Information System (2 Credits) GL 404: Engineering Geology and Geotechniques (4 Credits) GL 405: Practical's related to above courses (8 credits) Compulsory GL 406: Fieldwork component (1 credit) Compulsory GL 407: Hydrogeology (4 Credits) GL 408: Dissertation (4 Credits) GL 409: Watershed Management (2 Credits) GL 410: Disaster Management (2 Credits) GL 411: Gemology and Industrial Mineralogy (4 Credits) GL 412: Mining Geology (2 credits)</p>
			<p>2] PG Diploma In Geo-environmental Appraisal & Management Course Structure <u>Semester I:</u> EM 101: Dynamics of Geoenvironment : 4 credits theory EM 102: Energy and Global Environmental Issues : 4 credits theory EM 103: Resource Evaluation: 4 credits theory EM 104: Impact on Earth Resources: 4 credits theory EM 105 : Practicals related to above theory courses : 8 credits <u>Semester II:</u> EM 201: Environmental Management: 4 credits theory EM 202: Environmental Legislation: 4 credits theory EM 203: Dissertation: 18 credits</p> <p>3] PG Diploma in Geo-technology <u>Semester I:</u> GT 101: Introduction to Earth System Science : 4 credits theory GT 102: Elements of Structural Geology : 4 credits theory GT 103: Introduction to Engineering Geology : 4 credits theory GT 104: Construction Processes & Surveying : 4 credits theory GT 105: Practical's related to above Theory Courses : 8 Credits</p>

		Semester II: GT 201: Groundwater & Engineering Geology : 4 credits GT 202: Site Investigation & Ground Improvement Techniques: 4 credits theory GT 203: Dissertation : 18 credits		
f	Eligibility:	Course	Qualifying Exam and Eligibility	Minimum Percentage required
				Open Reserved
		1] M.Sc.	B.Sc. Geology	50% 45%
		2] PG Diploma in Geo-environmental Appraisal and Management	B.Sc. 1st Class (any Science/Agriculture graduate)	60% 55%
		3] PG Diploma in Geotechnology	B.Sc. Geology / B.E. Civil Engineering	60% 55%
g	Required documents:	1. Attested copy of final-year mark sheet if you have already obtained your qualifying degree OR attested copy of your previous-year mark sheet. If you will be appearing for the final-year exam of your qualifying degree during academic year 2016-17. 2. Attested copies of caste and non-creamy-layer certificates as applicable. 3. Attested copy of domicile certificate OR certificate or SSC and HSC examination if candidate is domicile of Maharashtra.		
h	Number of Seats available:	Course	No. of Seats	
		1] M.Sc.	25	
		2] PG Diploma in Geo-environmental Appraisal and Management (PGDGAM)	10	
		3] PG Diploma in Geotechnology (PGDGT)	10	
i	Whether departments covered under SAP & DSA programmes of UGC	Yes Department is recognized under DRS – SAP Program of UGC from 2007.		

3.		Fellowships:	1. M. Sc	Nil
			2. PGDGAM & 3. PGDGT	Nil
4.		Legal Reservations:	Category	Reservation Percentage
			SC	13%
			ST	07%
			DT(A)	03%
			NT(B)	2.5%
			NT(C)	3.5%
			NT(D)	02%
			OBC	19%
5.		Social Reservations:	3% seats are reserved for Physically handicapped Students 5% Seats are reserved for Defence Personnel's child / Ex-Serviceman Child. 30% Seats are reserved for female Candidates for graduate Courses	
			One Migrant student from Jammu & Kashmir, per course over and above the sanctioned intake capacity will be admitted as per the merit in the entrance test.	
6.		Date of Entrance test	04th June, 2017 at 11.30 a.m. to 12.30 p.m. for M.Sc. Geology 04th June, 2017 at 01.00 p.m. to 02.00 p. m. for PGDGAM 04th June, 2017 at 01.00 p.m. to 02.00 p.m. for PGDGT	
	a	Examination Center	Course 1 DEPARTMENT OF GEOLOGY, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE-7	Course 2 & 3
	b	Model of question Paper	1] M.Sc. Geology	2] PG Diploma in Geo-environmental Appraisal & Management (PGDGAM) 3] PG Diploma in Geotechnology (PGDGT)
			Nature of Questions: Objective	Nature of Questions: Objective
			Number and names of sections in Question paper: No Sections	Number and names of sections in Question paper: NA
			Section wise weightage of marks: NA	Section wise weightage of marks: NA
			Number of Questions: 50	Number of Questions: 50

		Marks per question: - for correct answer and – for wrong answer: NA	Marks per question: 2 Marks
		Total Marks: 100 marks	Total Marks: 100 marks
		Passing Criteria: 50 marks for Open, 45 marks for Reserve category	Passing Criteria: 60 marks for Open, 55 marks for reserved category
		Negative marking: Not Applicable	Negative marking: Not Applicable
7.		Merit List / Admission Rules:	Admission should be done as per ordinance 181-A Circular No.68/ 2014 Dated 27/03/2014
8.		Important Date	
	a	Start date of online application:	25th April, 2017
	b	End date of Online application:	29th May, 2017
	c	Last date of submission of application form	31st May, 2017
	d	Date of Entrance Test:	04th June, 2017
	e	Time of Entrance Test:	1. M. Sc. Geology : Time:11.30 a.m. to 12.30 p.m. 2. PGDGAM : Time: 01.00 p.m. to 02.00 p.m. 3. PGDGT : Time: 01.00 a.m. to 02.00 p.m.
	f	Date of declaration of result of the Entrance test:	26th June, 2017
	g	Date of Group Discussion / Personal Interview.	Not Applicable
	h	Date of publication of merit list	30th June, 2017
	i	Date of publication of successive merit list	10th July, 2017 & 15th July, 2017
	j	Date of Admission	Will be declared with merit list
	k	Date of Commencement of the course	10 th July 2017
		Instruction: There is possibility of changing the time & dates in the above columns (columns 8 e to 8 k)	

9.		Department Contact Info*	* For any information on the nature, scope and prospects of the course, candidates should log into the website of the related department. * No direct queries/phone calls on the pattern of the question paper will be entertained.
	A	Name of the contact person and Designation:	1. M.Sc. Geology: Dr. M. G. Kale (Associate Professor) 1. PGDGAM & PGDGT: Dr. M. A. Herlekar (Assistant Professor)
	C	Contact timings:	11.00 a.m. to 5.00 p.m.
	f	Address:	Department of Geology, Savitribai Phule Pune University, Ganeshkhind Road, Pune (M.S) – 411 007.

NA = Not Applicable