

## Sant Gadge Baba Amravati University, Amravati

FACULTY : Science and Technology

**Scheme of Teaching, Learning, Examination & Evaluation leading to One Year PG Diploma in Soil Testing wef 2024-25****(One Year- Two Semesters PG Diploma in Soil Testing - NEPv23****PG Diploma in Soil Testing First Year Semester- I Level 6.0**

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme							
				Teaching Period Per Week				Credits				Maximum Marks					Minimum Passing		
				L	T	P	Total	L/T	Practical	Total		Theory		Practical		Total Marks	Marks Internal	Marks External	Grade
												Theory Internal	Theory +MCO External	Internal	External				
0	*Pre-Requisite Course(s) if applicable/MOOC/Internship/FieldWork cumulatively ( <b>Introduction to Soil Science</b> ) FSC	Th-Prq Introduction to Soil Science	1PGDST 00	0	0	0	0				2	15	35			50	06	14	P
1	DSC-I.1 ( <b>Soil Science-1</b> )	Th-Major	1PGDST 01	4			4	4		4	3	40	60			100	16	24	P
2	DSC-II.1 ( <b>Soil Testing Technique</b> )	Th-Major	1PGDST 02	4			4	4		4	3	40	60			100	16	24	P
3	DSC-III.1 ( <b>General Laboratory Analysis</b> )	Th-Major	1PGDST 03	4			4	4		4	3	40	60			100	16	24	P
																	<b>Minimum Passing Marks</b>		<b>Grade</b>
4	DSE-I.1 Lab-I ( <b>Based on DSC-II.1 Soil Analysis Lab-1</b> )	Pr-Major	1PGDST 04			4	4		2	2	3				50	50	100	50	P
5	DSE-II.1 Skill-I ( <b>Project/ Seminar-1</b> )	Pr-Major	1PGDST 05			8	8		2	4	3				50	50	100	50	P
6	DSE-III.1 Skill-II ( <b>Visit to Soil Testing Lab *</b> )	Related	1PGDST 06			4	4			2					50		50	25	P
	<b>TOTAL</b>			<b>12</b>	<b>0</b>	<b>16</b>	<b>28</b>			<b>20</b>						<b>600</b>			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: Prq, Theory : Th, Practical/Practicum: Pr, Faculty Specific Core: FSC, Discipline Specific Core: DSC, Discipline Specific Elective: DSE, Laboratory: Lab, OJT: On Job Training; Internship/ Apprenticeship; Field projects: FP;

Note : # On Job Training, Internship/ Apprenticeship; Field projects **Related to Major (During vacations of Semester I) for 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II.****This will carry 2 Credits for learning of 60 hours. Its credits and grades will be reflected in the Semester II credit grade report.**

**Sant Gadge Baba Amravati University, Amravati**  
**FACULTY : Science and Technology**  
**Scheme of Teaching, Learning, Examination & Evaluation leading to One Year PG Diploma in Soil Testing wef 2024-25**  
**(One Year- Two Semesters PG Diploma in Soil Testing - NEPv23)**  
**PG Diploma in Soil Testing First Year Semester- II Level 6.0**

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme							
				Teaching Period Per Week				Credits				Maximum Marks			Minimum Passing				
				L	T	P	Total	L/T	Practical	Total		Theory		Practical		Total Marks	Marks Internal	Marks External	Grade
												Theory Internal	Theory +MCQ External	Internal	External				
1	DSC-I.2 (Soil Science-I1)	Th-Major	2PGDST 01	4			4	4		4	3	40	60			100	16	24	P
2	DSC-II.2 (Methods of Chemical Analysis)	Th-Major	2PGDST 02	4			4	4		4	3	40	60			100	16	24	P
3	DSC-III.2 (Spectroscopic and Other Instrumental Techniques)	Th-Major	2PGDST 03	4			4	4		4	3	40	60			100	16	24	P
																	Minimum Passing Marks		Grade
4	DSE-I.2 Lab-II (Based on DSC-II.2 Soil Analysis Lab-II)	Pr-Major	2PGDST 04			4	4		2	2	3			50	50	100	50		P
5	DSE-II.2 Skill-III (Project/ Seminar-II)	Pr-Major	2PGDST 05			8	8		2	4	3			50	50	100	50		P
6	DSE-III.2 Skill-IV (OJT: On-Job Training: Internship/ Apprenticeship *)	Related	2PGDST 06			4	4			2				100		100	50		P
	<b>TOTAL</b>			<b>12</b>	<b>0</b>	<b>16</b>	<b>28</b>			<b>20</b>						<b>600</b>			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training; Internship/ Apprenticeship; Field projects: **FP**;  
**Note : # On Job Training, Internship/ Apprenticeship; Field projects Related to Major (During vacations of Semester II) for 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II. This will carry 2 Credits for learning of 60 hours. Its credits and grades will be reflected in the Semester II credit grade report.**

