

SAT JINDA KALYANA COLLEGE, KALANAUR (ROHTAK)

Lesson Plan

FacultyName: Mrs. Urmil Dalal

Subject: Oceanography

Class/ Semester: M.A./3rd Semester

Semester Commencement Date: 22-08-2022 Semester End Date: 14-12-2022

Session: 2022-23

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
1.	Introduction to the syllabus	16-08-2022		
2.	Introduction to the syllabus	17-08-2022		
3.	Definition and scope of oceanography	18-08-2022		
4.	Definition and scope of oceanography	20-08-2022		
5.	major sea voyages	22-08-2022		
6.	oceanography and other sciences	23-08-2022		
7.	oceanography and other sciences	24-08-2022		
8.	distribution pattern of land and sea	25-08-2022		
9.	distribution pattern of land and sea	26-08-2022		
10.	Wegner's drift hypothesis	27-08-2022		
11.	Wegner's drift hypothesis	29-08-2022		
12.	Revision	30-08-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
13	sea floor spreading	31-08-2022		
14	sea floor spreading	01-09-2022		
15	Plate Tectonics.	02-09-2022		
16	Plate Tectonics.	03-09-2022		
17	Revision with test	05-09-2022		
18	Depth of ocean	06-09-2022		
19	Depth of ocean	07-09-2022		
20	ocean floor profile-continental shelf	08-09-2022		
21	ocean floor profile-continental shelf	09-09-2022		
22.	ocean floor profile-continental slope	10-09-2022		
23.	ocean floor profile-continental slope	12-09-2022		
24.	Revision of the previous topic	13-09-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
25.	ocean floor profile-continental ridge	14-09-2022		
26.	ocean floor profile- ridge and deeps	15-09-2022		
27.	ocean floor profile- abyssal plains	16-09-2022		
28	ocean floor profile- abyssal plains	17-09-2022		
29.	Revision	19-09-2022		

30.	submarine canyons	20-09-2022		
31.	submarine canyons	21-09-2022		
32.	coral reefs-Introduction	22-09-2022		
33	coral reefs -origin	24-09-2022		
34.	coral reefs -origin and distribution	27-09-2022		
35.	coral reefs -origin and distribution	28-09-2022		
36.	Revision of the previous topic	29-09-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
37	ocean deposits	30-09-2022		
38	ocean deposits	01-10-2022		
39	Revision	03-10-2022		
40	Test	04-10-2022		
41	configuration of ocean floors of Indian Ocean	06-10-2022		
42	configuration of ocean floors of Indian Ocean	07-10-2022		
43	configuration of ocean floors of Indian Ocean with map	08-10-2022		
44	configuration of ocean floors of Atlantic Ocean.	10-10-2022		
45	configuration of ocean floors of Atlantic Ocean.	11-10-2022		
46	configuration of ocean floors of Atlantic Ocean with map	12-10-2022		

47.	Revision	13-10-2022		
48	Test	14-10-2022		

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_ Remarks \_\_\_\_\_

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
49	Temperature of oceans-Introduction	15-10-2022		
50	Temperature of oceans	17-10-2022		
51	salinity in oceans-Introduction	18-10-2022		
52	salinity in oceans	19-10-2022		
53	density of oceans-Introduction	20-10-2022		
54	density of oceans	21-10-2022		
55	Dynamics of ocean currents-Introduction	22-10-2022		
56	Dynamics of ocean currents	26-10-2022		
57	Revision	27-10-2022		
58	Test	28-10-2022		
59.	currents of Atlantic	29-10-2022		
60.	currents of Atlantic With map	31-10-2022		

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_ Remarks \_\_\_\_\_

S.No./Lect .No.	Topic	Proposed Date	ActualDate	Remarks
61	currents of Indian ocean	02-11-2022		
62	currents of Indian ocean with map	03-11-2022		
63	currents of Pacific	04-11-2022		
64	currents of Pacific ocean with map	05-11-2022		
65	tides and origin,Tsunami	07-11-2022		
66	Ocean currents and their impact on climate and economy	09-11-2022		
67	oceans as source of food, mineral and energy resources	10-11-2022		

68	sea-level changes; evidences, mechanism and impact	11-11-2022		
69	maritime laws.	12-11-2022		
70	Revision with test	14-11-2022		
71	Presentation	15-11-2022		
72.	Presentation	16-11-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
73.	Presentation	17-11-2022		
74	Presentation	18-11-2022		
75	Presentation	19-11-2022		
76	Presentation	21-11-2022		
77	Presentation	22-11-2022		
78	Presentation	23-11-2022		
79	Presentation	24-11-2022		
80	Presentation	25-11-2022		
81	Presentation	26-11-2022		
82	Presentation	28-11-2022		
83.	Presentation	29-11-2022		
84.	Presentation	30-11-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
85.	Presentation	01-12-2022		
86	Presentation	02-12-2022		
87	Revision	03-12-2022		
88	Revision	05-12-2022		
89	Revision	06-12-2022		
90	Revision	07-12-2022		
91	Revision	08-12-2022		
92	Revision	09-12-2022		
93	Revision	10-12-2022		
94	Revision	12-12-2022		
95	Revision	13-12-2022		
96	Revision	14-12-2022		

Reviewed by

Date

Remarks

Signature of Faculty

Reviewed by

Date

Remarks Overall Observation (Problems faced/improvement Suggestions/Recommendation)

Reviewed by H.O.D./Committee

Principal



SAT JINDA KALYANA COLLEGE, KALANAUR (ROHTAK)

Lesson Plan

FacultyName:Ms.Deepshikha

Subject:Remote sensing and GIS

Class/ Semester: M.A./3rd Semester

Semester Commencement Date:22-08-2022 Semester End Date:14-12-2022

Session:2022-23

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
1.	Introduction to the syllabus	16-08-2022		
2.	Introduction to the syllabus	17-08-2022		
3.	Photogrammetry: Introduction	18-08-2022		
4.	Photogrammetry: Meaning and Definition	20-08-2022		
5.	Photogrammetry: History and development	22-08-2022		
6.	Photogrammetry: History and development	23-08-2022		
7.	Aerial photographs- Introduction	24-08-2022		
8.	Aerial photographs-types	25-08-2022		
9.	Aerial photographs-types	26-08-2022		
10.	Aerial photographs-characteristics and Geometry	27-08-2022		
11.	Aerial photographs-characteristics and Geometry	29-08-2022		
12.	Revision	30-08-2022		

Reviewed by

Date

Remarks



S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
13	Aerial photographs- methods of determining scale	31-08-2022		
14	Aerial photographs- methods of determining scale	01-09-2022		
15	Ground coverage and overlapping	02-09-2022		
16	Ground coverage and overlapping	03-09-2022		
17	Revision with test	05-09-2022		
18	stereoscopes and stereoscopic vision	06-09-2022		
19	Photomosaics-Introduction	07-09-2022		
20	Photomosaics -types and uses	08-09-2022		
21	Photomosaics -types and uses	09-09-2022		
22.	Elements of image interpretation	10-09-2022		
23.	Elements of image interpretation	12-09-2022		
24.	Revision of the previous topic	13-09-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
25.	Remote Sensing-Introduction	14-09-2022		
26.	Remote Sensing technique- Meaning	15-09-2022		
27.	Remote Sensing technique- Meaning, basic principles/concepts,	16-09-2022		
28	Remote sensing system and relevance in Geography	17-09-2022		
29.	Revision	19-09-2022		

30.	Electromagnetic radiations (EMR)	20-09-2022		
31.	Electromagnetic radiations (EMR); Electromagnetic spectrum	21-09-2022		
32.	interaction of EMR with atmosphere and Earth's surface features	22-09-2022		
33	interaction of EMR with atmosphere	24-09-2022		
34.	interaction of EMR with Earth's surface features	27-09-2022		
35.	Spectral reflectance	28-09-2022		
36.	Revision of the previous topic	29-09-2022		

Reviewed by

Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
37	Remote sensing data	30-09-2022		
38	Basic principles of thermal and microwave remote sensing	01-10-2022		
39	Basic principles of thermal and microwave remote sensing	03-10-2022		
40	Test	04-10-2022		
41	Remote sensing platforms-Introduction	06-10-2022		
42	Remote sensing platforms - types	07-10-2022		
43	Remote sensing platforms - types and characteristics	08-10-2022		
44	Satellite orbits	10-10-2022		
45	Satellite orbits- Near polar and Geostationary orbits	11-10-2022		
46	Satellite orbits -Near polar and Geostationary orbits	12-10-2022		

47.	Sensors -Introduction	13-10-2022		
48	Sensors - types, specifications and resolutions	14-10-2022		

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Date

Remarks

S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
49	Various artificial satellites series	15-10-2022		
50	Various artificial satellites series	17-10-2022		
51	Remote sensing applications in land use/land cover	18-10-2022		
52	Remote sensing applications in urban	19-10-2022		
53	Remote sensing applications in water resources environment studies	20-10-2022		
54	Remote sensing applications in environment studies	21-10-2022		
55	Remote sensing set up and programmes in India	22-10-2022		
56	Remote sensing set up and programmes in India	26-10-2022		
57	Revision	27-10-2022		
58	Test	28-10-2022		
59.	Geographic Information System (GIS)-Introduction	29-10-2022		
60.	Geographic Information System (GIS) – Meaning and Basic concepts	31-10-2022		

Reviewed by

Date

Remarks

S.No./Lect .No.	Topic	Proposed Date	ActualDate	Remarks
61	Components of GIS	02-11-2022		
62	Functions in GIS- data input, storage, maintenance, manipulation, analysis and output	03-11-2022		
63	Functions in GIS- data input, storage, maintenance, manipulation, analysis and output	04-11-2022		
64	Functions in GIS- data input, storage, maintenance, manipulation, analysis and output	05-11-2022		
65	GIS data - spatial and non spatial data	07-11-2022		
66	Data formats - raster and vector	09-11-2022		
67	Data sources	10-11-2022		

68	Integration of Remote Sensing and GIS	11-11-2022		
69	Applications of GIS in Geographical studies.	12-11-2022		
70	Revision with test	14-11-2022		
71	Presentation	15-11-2022		
72.	Presentation	16-11-2022		

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S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
73.	Presentation	17-11-2022		
74	Presentation	18-11-2022		
75	Presentation	19-11-2022		
76	Presentation	21-11-2022		
77	Presentation	22-11-2022		
78	Presentation	23-11-2022		
79	Presentation	24-11-2022		
80	Presentation	25-11-2022		
81	Presentation	26-11-2022		
82	Presentation	28-11-2022		
83.	Presentation	29-11-2022		
84.	Presentation	30-11-2022		

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S.No./Lect. No.	Topic	Proposed Date	ActualDate	Remarks
85.	Presentation	01-12-2022		
86	Presentation	02-12-2022		
87	Revision	03-12-2022		
88	Revision	05-12-2022		
89	Revision	06-12-2022		
90	Revision	07-12-2022		
91	Revision	08-12-2022		
92	Revision	09-12-2022		
93	Revision	10-12-2022		
94	Revision	12-12-2022		
95	Revision	13-12-2022		
96	Revision	14-12-2022		

Reviewed by

Date

Remarks

Signature of Faculty

Reviewed by

Date

Remarks Overall Observation (Problems faced/improvement Suggestions/Recommendation)

Reviewed by H.O.D./Committee

Principal

