

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Mechanical Engg. - A

Semester: 3rd Subject: E - S

Name of the Teaching Faculty: BISWAJIT ACHARYA

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 15-9-22 To Date : 11-10-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15-9-22	Defination of Env. Studies	Defination + Scope of Env. Studies	What is Envi. & its role	Bh.
16-9-22	Scope of Env. Studies	Importance & need of Env. Studies	Multidisciplinary Study	Bh.
20-9-22	Importance of Env. Studies	Public awareness about Env. Studies	Social Media Rally, Drawing Debate	Bh.
21-9-22	Need of Public awareness	class Assignment	Assignment check	Bh.
22-9-22	Renewable & non-renewable natural resources	Natural resources & Renewable	Resources	Bh.
23-9-22	Associated problems of natural resources	Problem of natural resources exploitation	over exploitation of natural resources	Bh.
27-9-22	Forest Resource	Forest Resource Deforestation	a forestation & deforestation & forest protection	Bh.
28-9-22	Water Resource	Water Resource & its uses	Multiple dam projects	Bh.
29-9-22	Mineral Resource	Mineral Resource & its availability	Mine excavation & its responsibility	Bh.
30-9-22	Food Resource	Food Resource & Land Resources	Food availability & its shortage & comparable	Bh.
11-10-22	Energy Resource	Renewable & non-renewable energy resources	need of energy & its sources	Bh.

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 12-10-22 To Date : 1-11-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
12-10-22	Land Resource	Solar Energy Wind Energy etc	Solar Energy Wind Energy Tidal Energy	Bh. a.
13-10-22	Equitable use of natural resource for sustainable life	What is sustainable life	Sustainable development for availability of n/r	Bh. a.
14-10-22	Conservation of natural resource	Conservation of natural resources	Various measures to conserve n/r	Bh. a.
18-10-22	Structure and function of ecosystem	Defn of ecosystem	Structure of ecosystem	Bh. a.
19-10-22	Producers & Consumers & Decomposers	Producers, consumers & decomposers	Producers, consumers & decomposers	Bh. a.
20-10-22	Energy flow in the ecosystem	Food chain & food web	grazing food chain & detritus f.c.	Bh. a.
21-10-22	Ecological succession	Ecological succession	Ecological succession	Bh. a.
26-10-22	Food chain, food web and ecological pyramid	Pyramid of energy, biomass & numbers	Pyramid of numbers, energy & biomass	Bh. a.
29-10-22	Types & characteristics of ecosystem	Characteristics of ecosystem	Characteristics of ecosystem	Bh. a.
28-10-22	Forest ecosystem	Forest ecosystem, its various types	Producers to consumers	Bh. a.
1-11-22	Aquatic ecosystem	Aquatic system pond, river, marine	Plankton to large fish	Bh. a.

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date: 2-11-22 To Date: 23-11-22 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
2-11-22	Definition of Biodiversity	What is Biodiversity	Examples of Biodiversity	Bh,.
3-11-22	Genetics, Species & diversity of ecosystem	genetics & species	Evolution of species & ecosystem	Bh,.
4-11-22	Biogeographical classification of India	geographical India	Desert Plains mountains	Bh,.
9-11-22	Consumptive, Productive & Society Values	Social Values	Social Values	Bh,.
10-11-22	Ethics, aesthetic & option values	Ethics & aesthetic value	ethics & aesthetic value	Bh,.
11-11-22	Biodiversity of global, national & local level	Biodiversity at global national level	Biodiversity comparison	Bh,.
15-11-22	Threats to biodiversity, poaching & wildlife	poaching of wildlife	poaching & env. importance	Bh,.
17-11-22	Loss of habitat Non wild life conflicts	Loss of habitat for wild life	invasion of Urban area by animals	Bh,.
18-11-22	Degradation of Env. Pollution	Env. Pollution	Pollutants & contaminants	Bh,.
22-11-22	Air pollution	Causes and control of Air Pollution	Co, No, So, their sources	Bh,.
23-11-22	Water pollution	Water pollution & treatments	Municipal sewage & treatment plants	Bh,.

Semester From Date : 24-11-22 To Date : 13-12-22 No. of Days/per week class allotted 4
 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
24-11-22	Soil Pollution	Soil Pollution	Pesticides, weedy off. etc	Bh. h.
25-11-22	Marine Pollution	Marine Pollution	Marine pollution, Oil spills	Bh. h.
29-11-22	Noise Pollution	Causes & Control of Noise Pollution	Practicable harmful effect of Noise Pollution	Bh. h.
30-11-22	Thermal Pollution	Thermal Pollution & its Causes	Class Assignment	Bh. h.
1-12-22	Nuclear hazards	Nuclear energy hazards	Nuclear waste disposal	Bh. h.
2-12-22	Cause & effects, Solid Waste Management	Solid waste all types	Municipal Industrial waste	Bh. h.
6-12-22	Control of Urban & Industrial waste	Control of Solid Waste	Control of Solid Waste	Bh. h.
7-12-22	Role of individuals in pollution prev.	Pollution prevention measures	Pollution prevention	Bh. h.
8-12-22	Disaster Management	Natural calamity & its control	Flood, earth-quake, fire, forest.	Bh. h.
9-12-22	Sustainable development	Sustainable development	Sustainable development	Bh. h.
13-12-22	Urban Problems Related to Energy	Energy need & Urbanisation	Urbanisation & Industrialisation	Bh. h.

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date : 14-12-22 To Date : 30-12-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14-12-22	Water Conservation & its need	need of water conservation	Drinking water issues & availability	Bach.
15-12-22	Rain Water harvesting and Water - shed mgmt.	Roof top water harvesting	Roof top water harvesting	Bach.
16-12-22	Resettlement & Rehabilitation of people	Rehabilitation of people	Rehabilitation of people	Bach.
20-12-22	Environmental ethics, issues & solutions	Home assignment	Home assignment	Bach.
21-12-22	Climate change & global warming	Env. ethics & issues	Env. ethics & issues	Bach.
22-12-22	Acid rain and Ozone depletion	Acid Rain	Acid Rain	Bach.
23-12-22	Prevention and control of pollution Act.	Ozone depletion	CFC, Aerosol use & Ozone hole.	Bach.
27-12-22	Public awareness and Env. pollution	Control of pollution	Control of pollution	Bach.
28-12-22	Population growth & variations among nations	Population growth	Population growth	Bach.
29-12-22	Population explosion and related issues	Population explosion	Population explosion	Bach.
30-12-22	Family Welfare Programmes	Topic Discussion	Topic Discussion	Bach.

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 4-1-23 To Date : 20-1-23 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
4-1-23	Environment and human health	Family Welfare schemes	Family Welfare Schemes	Bh, .
5-1-23	Human Rights	Environment & health	Environment of health	Bh, .
10-1-23	Value education	Human Right Commission	Human Right Commission	Bh, .
11-1-23	Role of information tech. in Env. Studies	Role of information tech. in env. protection	Role of inf. tech. in Env. protection	Bh, .
12-1-23	Public awareness & Env.	Public awareness & Env.	Public awareness & Env.	Bh, .
13-1-23	Revision.	Revision.	Revision.	Bh, .
17-1-23	- do -	- do -	- do -	Bh, .
18-1-23	- do -	- do -	- do -	Bh, .
19-1-23	- do -	- do -	- do -	Bh, .
20-1-23	Revision	Revision	Revision.	Bh, .

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Mechanical Engg. – B

Semester: 3rd

Subject: E • S

Name of the Teaching Faculty: BISWAJIT ACHARYA .

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date: 15-9-22 To Date: 10-10-22 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15-9-22	Defination of Env. Studies	Defination & Scope of Env. Studies	What is Env. & its role	Bh.
16-9-22	Scope of Env. Studies	Importance & need of Env. Studies	Multidisciplinary Study	Bh.
19-9-22	Importance of Env. Studies	Public awareness about Env. Studies	Social Media Rally, Drawing Debate	Bh.
22-9-22	Need of Public awareness	Class Assignment	Assignment check	Bh.
23-9-22	Renewable & non-renewable natural resources	Natural Resources Renewable & Non-Renewable	Resources	Bh.
24-9-22	Associated problems of natural resources	Problem of natural resources exploitation	Over exploitation of natural resources	Bh.
26-9-22	Forest Resource	Forest Resource Deforestation	afforestation & deforestation & forest plantation	Bh.
29-9-22	Water Resource	Water Resource & its uses	Multiple Dams Projects	Bh.
30-9-22	Mineral Resource	Mineral Resource & its availability	Mine excavation & its responsibility	Bh.
1-10-22	Food Resource	Food Resources & Land Resources	Food availability & its shortage & compensation	Bh.
10-10-22	Energy Resource	Renewable & Non-Renewable Energy Resources	need of Energy & its sources	Bh.

Subject: E. S No. of Days/per week class allotted 4Semester From Date : 13-10-22 To Date : 31-10-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
13-10-22	Land Resource	Solar Energy Wind Energy etc	Solar Energy Wind Energy Tidal Energy	Bh.
14-10-22	Equitable use of natural resource for sustainable life	What is sustainable life	Sustainable development for availability of n/r	Bh.
15-10-22	Conservation of natural resource	Conservation of natural resources	Various measures to conserve n/r	Bh.
17-10-22	Structure and function of ecosystem	Defn of ecosystem	Structure of ecosystem	Bh.
20-10-22	Producers, consumers & decomposers	Producers, consumers & decomposers	Producers, consumers & decomposers	Bh.
21-10-22	Energy flow in the ecosystem	Food chain & food web	grazing food chain & detritus	Bh.
22-10-22	Ecological succession	Ecological succession	Ecological succession	Bh.
27-10-22	food chain, food web and ecological pyramid	Pyramid of energy, biomass & numbers	Pyramid of numbers, energy & biomass	Bh.
28-10-22	Types & characteristics of ecosystem	Characteristics of ecosystem	Characteristics of ecosystem	Bh.
29-10-22	Forest ecosystem	Forest ecosystem - its various types	producers to carnivores	Bh.
31-10-22	Aquatic ecosystem	Aquatic system pond, river, marine	plankton, fish, etc	Bh.

Subject:

E.S

No. of Days/per week class allotted

4

Semester From Date : 3-11-22

To Date : 19-11-22

No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3-11-22	Definition of Biodiversity	What is Biodiversity	Examples of Biodiversity	Bha.
4-11-22	Geoff's, Species & diversity of ecosystem	genetics & species	Evolution of species & ecosystem	Bha.
5-11-22	Biogeographical classification of India	geographical India	Desert Plains mountains	Bha.
7-11-22	Consumptive, Productive & Society Values	Social Values	Social Values	Bha.
10-11-22	Ethics, aesthetic & option values	Ethics & aesthetic value	ethics & aesthetic value	Bha.
11-11-22	Biodiversity of global, national & local level	Biodiversity at global national level	Biodiversity comparison	Bha.
12-11-22	Threats to biodiversity, poaching & wildlife	poaching of wildlife	poaching & env. importance	Bha.
14-11-22	Loss of habitat Non-ideal life conflicts	Loss of habitat ideal life	invasion of Urban area by animals	Bha.
17-11-22	Definition of Env. Pollution	Env. Pollution	Pollutants Contaminants	Bha.
18-11-22	Air pollution	Causes and control of Air Pollution	Co ₂ , NO ₂ , SO ₂ , their sources	Bha.
19-11-22	Water pollution	Water pollution & treatments	Municipal sewage & treatment plants	Bha.

Start From Date : 21-11-22To Date : 9-12-22No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
21-11-22	Soil Pollution	Soil pollution	Pesticides, run off, etc	Bh. A.
24-11-22	Marine Pollution	Marine Pollution	Marine pollution, Oil spills	Bh. A.
25-11-22	Noise pollution	Causes & control of Noise pollution	audible harmful effect of Noise pollution	Bh. A.
26-11-22	Thermal pollution	Thermal pollution & its causes	class Assignment	Bh. A.
28-11-22	Nuclear hazards	Nuclear energy hazards	Nuclear waste disposal	Bh. A.
1-12-22	Cause & effects, Solid Waste Management	Solid waste all types	Municipal Industrial waste	Bh. A.
2-12-22	Control of liquid & industrial waste	Control of Solid waste	Control of Solid waste	Bh. A.
3-12-22	Role of individuals in pollution prevention	Pollution prevention measures	pollution prevention	Bh. A.
5-12-22	Disaster Management	Natural calamity & its control	flood, earth - quake, fire, forest.	Bh. A.
8-12-22	Sustainable development	Sustainable development	Sustainable development	Bh. A.
9-12-22	Urban Problem Related to Energy	Energy need & Urbanisation	Urbanisation & industrialisation	Bh. A.

Subject: _____

Semester From Date: 10-12-22To Date: 29-12-22No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
10-12-22	Water Conservation & its need	Need of water conservation	Drinking water is not available	Asch.
12-12-22	Rain water harvesting and water storage	Roof top water harvesting	Roof top water harvesting	Asch.
15-12-22	Resettlement & Rehabilitation of people	Rehabilitation of people	Rehabilitation of people	Asch.
16-12-22	Environmental Ethics Issues & Solutions	Home assignment	Home assignment	Asch.
17-12-22	Climate change & global warming	Env. ethics & issues	Env. ethics & issues	Asch.
19-12-22	Acid rain and Ozone depletion	Acid Rain	Acid Rain	Asch.
22-12-22	Prevention and control of pollution Act.	Ozone depletion	CFC, Aerosol use of Ozone hole	Asch.
23-12-22	Public awareness and Env pollution	Control of pollution	Control of pollution	Asch.
24-12-22	Population growth & variations among nations	Population growth	Population growth	Asch.
26-12-22	Population explosion and related issues	Population explosion	Population explosion	Asch.
29-12-22	Family Welfare Programmes	Topic Discussion	Topic Discussion	Asch.

Subject: E.S No. of Days/per week class allotted 4Semester From Date: 30-12-22 To Date: 21-1-23 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
30-12-22	Environment and human health	Family welfare schemes	Family welfare schemes	Bach
31-12-22	Human Rights	Environment & health	Environment of health	Bach
2-1-23	Value education	Human Right Commission	Human Right Commission	Bach
5-1-23	Role of information tech. in Env. Studies	Role of information tech. in env. protection	Role of info. tech. in env. protection	Bach
7-1-23	Public awareness & Env.	Public awareness & Env.	Public awareness & Env.	Bach
9-1-23	Revision	Revision	Revision	Bach
12-1-23	- do -	- do -	- do -	Bach
13-1-23	- do -	- do -	- do -	Bach
17-1-23	- do -	- do -	- do -	Bach
20-1-23	- do -	- do -	- do -	Bach
21-1-23	Revision	Revision	Revision	Bach

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER

Session-2022-2023

Discipline: Computer Science & Engg.
Metallurgy Engg.

Semester: 3rd Subject: E . S

Name of the Teaching Faculty: BISWAJIT ACHARYA .

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 16-9-22 To Date : 11-10-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
16-9-22	Defination of Env. Studies	Defination + Scope of Env. Studies	What is Envi. & its role	Bh. Ch.
19-9-22	Scope of Env. Studies	Importance of Study Env. Studies	Multidisciplinary Study	Bh. Ch.
20-9-22	Importance of Env. Studies	Public awareness about Env. Studies	Social Media Rally, Drawing Debate	Bh. Ch.
23-9-22	Need of Public awareness	Class Assignment	Assignment check	Bh. Ch.
24-9-22	Renewable & non-renewable natural resources	Natural Resources: Renewable & Non-Renewable	Resources	Bh. Ch.
26-9-22	Associated problems of natural resources	Problem of natural resources exploitation	Over exploitation of natural resources	Bh. Ch.
27-9-22	Forest Resource	Forest Resource Deforestation	Aforestation & Deforestation & forest conservation	Bh. Ch.
30-9-22	Water Resource	Water Resource & its uses	Multiple Dams Projects	Bh. Ch.
1-10-22	Mineral Resource	Mineral Resource & its availability	Mine excavation & its responsibility	Bh. Ch.
10-10-22	Food Resource	Food Resources & Land Resources	Food availability & its shortage & conservation	Bh. Ch.
11-10-22	Energy Resource	Renewable & Non-Renewable Energy Resources	Need of Energy & its sources	Bh. Ch.

Subject: _____

E.S

No. of Days/per week class allotted

4

Semester From Date : 14-10-22

To Date : 04-11-22

No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14-10-22	Land Resource	Solar Energy Wind Energy etc	Solar Energy Wind Energy Tidal energy	Bh. En.
15-10-22	Equitable use of natural resource for sustainable life	What is sustainable life	Sustainable development for availability of n/r	Bh. En.
17-10-22	Conservation of natural resource	Conservation of natural resources	Various measures to conserve n/r	Bh. En.
18-10-22	Structure and function of ecosystem	Def'n of ecosystem	Structure of ecosystem	Bh. En.
21-10-22	Producers, Consumers & decomposers	Producers, consumers & decomposers	Producers, consumers & decomposers	Bh. En.
22-10-22	Energy flow in the ecosystem	food chain & food web	grazing food chain & detritus food	Bh. En.
28-10-22	Ecological succession	Ecological succession	Ecological succession	Bh. En.
29-10-22	food chain, food web and ecological pyramid	Pyramid of energy, biomass & numbers	Pyramid of numbers, energy & biomass	Bh. En.
31-10-22	Types & characteristics of ecosystem	Characteristics of ecosystem	Characteristics of ecosystem	Bh. En.
1-11-22	forest ecosystem	forest ecosystem - its various types	producers to carnivores	Bh. En.
4-11-22	Aquatic ecosystem	Aquatic ecosystem pond, river, marine	plankton to every fish	Bh. En.

Subject:

E.S

No. of Days/per week class allotted

4

Semester From Date: 5-11-22

To Date: 25-11-22

No. of Weeks:

3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
5-11-22	Definition of Biodiversity	What is Biodiversity	Examples of Biodiversity	Bh.
7-11-22	Genetics, Species & diversity of ecosystem	genetics & species	Evolution of species & ecosystem	Bh.
11-11-22	Biogeographical Classification of India	geographical India	Desert Plains mountains	Bh.
12-11-22	Consumptive, Productive & Socio values	Socio values	Socio values	Bh.
14-11-22	Ethics, aesthetic & option values	Ethics & aesthetic value	ethics & aesthetic value	Bh.
15-11-22	Biodiversity of global, national & Local Level	Biodiversity at global national level	Biodiversity Comparision	Bh.
18-11-22	Threats to biodiversity, poaching & Wildlife	poaching of Wildlife	Poaching & Env. importance	Bh.
19-11-22	Loss of habitat Non-wild life Conflicts	Loss of habitat for Wild Life	Aggravation of Urban area by animals	Bh.
21-11-22	Degradation of Env. Pollution	Env. Pollution	Pollutants & Contaminants	Bh.
22-11-22	Air pollution	Causes and Control of Air Pollution	Co, No, So, their Sources	Bh.
25-11-22	Water pollution	Water pollution & treatments	Municipal Sewage & treatment plants	Bh.

Subject: E. S No. of Days/per week class allotted 4
 Semester From Date : 26-11-22 To Date : 13-12-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
26-11-22	Soil Pollution	Soil Pollution	Pesticides, heavy met. etc	Bh. Ch.
28-11-22	Marine Pollution	Marine Pollution	Marine pollution, oil spills	Bh. Ch.
29-11-22	Noise pollution	Causes & Control of Noise pollution	Visible harmful effect of Noise pollution	Bh. Ch.
2-12-22	Thermal pollution	Thermal pollution its causes	Class Assignment	Bh. Ch.
3-12-22	Nuclear hazards	Nuclear energy hazards	Nuclear waste disposal	Bh. Ch.
5-12-22	Cause & effects, Solid waste management	Solid waste all types	Municipal & Industrial waste	Bh. Ch.
6-12-22	Control of Urban & Industrial waste	Control of Solid waste	Control of Solid waste	Bh. Ch.
9-12-22	Role of individuals in pollution prevention	Pollution prevention measures	pollution prevention	Bh. Ch.
10-12-22	Disaster Management	Natural calamity & its control	Flood, earth-quake, fire, forest.	Bh. Ch.
12-12-22	Sustainable development	Sustainable development	Sustainable development	Bh. Ch.
13-12-22	Urban Problems related to Energy	Energy need & Urbanisation	Urbanisation & Industrialisation	Bh. Ch.

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date: 16-12-22 To Date: 2-1-23 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
16-12-22	Water Conservation & its need	need of water conservation	Drinking water issues & availability	Bh.
17-12-22	Rain Water harvesting and Water-shed mgmt.	Roof top water harvesting	Roof top water harvesting	Bh.
19-12-22	Resettlement & Rehabilitation of people	Rehabilitation of people	Rehabilitation of people	Bh.
20-12-22	Environmental ethics, issues & solutions	Home assignment	Home Assignment	Bh.
23-12-22	Climate change & global warming	Env. ethic & issues	Env. ethic & issues	Bh.
24-12-22	Acid rain and Ozone depletion	Acid Rain	Acid Rain	Bh.
26-12-22	Prevention and control of pollution Act.	Ozone depletion	CFC, Aerosol use & Ozone hole	Bh.
27-12-22	Public awareness and Env. pollution	Control of pollution	Control of pollution	Bh.
30-12-22	Population growth & variations among nations	Population growth	Population growth	Bh.
31-12-22	Population explosion and related issues	Population explosion	Population explosion	Bh.
2-1-23	Family Welfare Programmes	Topic Discussion	Topic Discussion	Bh.

Subject: E.S No. of Days/per week class allotted 4

Semester From Date : 7-1-23 To Date : 21-1-23 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
7-1-23	Environment and human health	Family Welfare schemes	Family Welfare Schemes	Bh. h.
9-1-23	Human Rights	Environment & health	Environment of health	Bh. h.
10-1-23	Value education	Human Right Commission	Human Right Commission	Bh. h.
13-1-23	Role of information tech. in Env. Studies	Role of information tech. in env. protection	Role of info. tech. in Env. protection	Bh. h.
17-1-23	Public awareness & Env.	Public awareness & Env.	Public awareness & Env.	Bh. h.
20-1-23	Revision.	Revision	Revision.	Bh. h.
21-1-23	- do -	- do -	- do -	Bh. h.

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Civil Engg.

Semester: 3rd

Subject: E.S

Name of the Teaching Faculty: BISWASIT ACHARYA

Subject: E. S No. of Days/per week class allotted 4Semester From Date: 19-9-22 To Date: 12-10-22 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
19-9-22	Defination of Env. Studies	Defination + Scope of Env. Studies	What is Envi. & its role	Bh. A.
20-9-22	Scope of Env. Studies	Importance of Env. Studies	Multidisciplinary Study	Bh. A.
21-9-22	Importance of Env. Studies	Public awareness about Env. Studies	Social Media Rally, Drawing Debate	Bh. A.
24-9-22	Need of Public awareness	Class Assignment	Assignment check	Bh. A.
26-9-22	Renewable & non-renewable natural resources	Natural Resources: Renewable & Non-Renewable	Resources	Bh. A.
27-9-22	Associated problems of natural resources	Problem of natural resources exploitation	over exploitation of natural resources	Bh. A.
28-9-22	Forest Resource	Forest Resource Deforestation	afforestation & deforestation & forest conservation	Bh. A.
1-10-22	Water Resource	Water Resource & its uses	Multiple Dams Projects	Bh. A.
10-10-22	Mineral Resource	Mineral Resource & its availability	Mine excavation & its responsibility	Bh. A.
11-10-22	Food Resource	Food Resources & Land Resources	Food availability & its shortage & comparable	Bh. A.
12-10-22	Energy Resource	Renewable & Non Renewable Energy Resources	need of Energy & its sources	Bh. A.

Subject: E.S No. of Days/per week class allotted 4

Semester From Date: 15-10-22 To Date: 5-11-22 No. of Weeks: 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15-10-22	Land Resource	Solar Energy Wind Energy etc	Solar Energy Wind Energy Tidal Energy	Bh.
17-10-22	Equitable use of natural resource for sustainable life	What is sustainable life	Sustainable development for availability of n/r	Bh.
18-10-22	Conservation of natural Resource	Conservation of natural Resources	Various measures to conserve n/r	Bh.
19-10-22	Structure and function of ecosystem	Def'n of ecosystem	Structure of ecosystem	Bh.
22-10-22	Producers & Consumers & decomposers	Producers, consumers & decomposers	Producers, consumers & decomposers	Bh.
26-10-22	Energy flow in the ecosystem	food chain & food web	grazing food chain & detritus food	Bh.
29-10-22	Ecological Succession	Ecological Succession	Ecological Succession	Bh.
31-10-22	food chain, food web and ecological pyramid	Pyramid of energy, biomass & numbers	Pyramid of numbers, energy & biomass	Bh.
1-11-22	Types & characteristics of ecosystem	Characteristics of ecosystem	Characteristics of ecosystem	Bh.
2-11-22	Forest ecosystem	Forest ecosystem - its various types	Producers to Carnivores	Bh.
5-11-22	Aquatic ecosystem	Aquatic ecosystem pond, river, marshes	plankton to Carnivores	Bh.

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 7-11-22 To Date : 28-11-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
7-11-22	Definition of Biodiversity	What is Biodiversity	Examples of Biodiversity	Bh.
9-11-22	Genetics, Species & diversity of ecosystem	Genetics & Species	Evolution of Species & ecosystem	Bh.
12-11-22	Biogeographical Classification of India	geographical India	Desert Plains mountains	Bh.
14-11-22	Consumptive, Productive & Society Values	Social Values	Social Values	Bh.
15-11-22	Ethics, aesthetic & option values	Ethics & aesthetic value	ethics & aesthetic value	Bh.
19-11-22	Biodiversity of global, national & Local Level	Biodiversity at global national level	Biodiversity Comparison	Bh.
21-11-22	Threats to biodiversity, poaching & Wildlife	Poaching of Wildlife	Poaching & Env. importance	Bh.
22-11-22	Loss of habitat Non-wild life Conflicts	Loss of habitat for Wild Life	invasion of Urban area by animals	Bh.
23-11-22	Degradation of Env. Pollution	Env. Pollution	Pollutants Contaminants	Bh.
26-11-22	Air pollution	Causes and Control of Air Pollution	Co ₂ , NO ₂ , SO ₂ , their Sources	Bh.
28-11-22	Water pollution	Water pollution & treatments	Municipal Sewage & treatment plants	Bh.

Subject: E.S No. of Days/per week class allotted 4Semester From Date : 29-11-22 To Date : 17-12-22 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
29-11-22	Soil Pollution	Soil Pollution	Pesticides, run off, etc	Bh. A.
30-11-22	Marine Pollution	Marine Pollution	Marine Pollution, Oil Spills	Bh. A.
3-12-22	Noise Pollution	Causes & Control of Noise Pollution	Noticeable harmful effect of Noise Pollution	Bh. A.
5-12-22	Thermal Pollution	Thermal Pollution its Causes	Class Assignment	Bh. A.
6-12-22	Nuclear hazards	Nuclear energy hazards	Nuclear waste disposal	Bh. A.
7-12-22	Cause & effects, Solid Waste Management	Solid waste all types	Municipal Industrial waste	Bh. A.
10-12-22	Control of Urban & Industrial Waste	Control of Solid Waste	Control of Solid Waste	Bh. A.
12-12-22	Role of individuals in pollution prev.	Pollution prevention measures	pollution prevention	Bh. A.
13-12-22	Disaster Management	Natural calamity & its control	flood, earth-quake, fire, etc.	Bh. A.
14-12-22	Sustainable development	Sustainable development	Sustainable development	Bh. A.
17-12-22	Urban Problems related to Energy	Energy need & Urbanisation	Urbanisation & industrialisation	Bh. A.

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date : 19-12-22 To Date : 7-1-23 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
19-12-22	Water Conservation & its need	need of water conservation	Drinking water issues & availability	Bh.
20-12-22	Rain Water Harvesting and Water - shed mgmt.	Roof top Water harvesting	Roof top water harvesting	Bh.
21-12-22	Resettlement & Rehabilitation of people	Rehabilitation of people	Rehabilitation of people	Bh.
24-12-22	Environmental ethics, issues & solutions	Home assignment	Home Assignment	Bh.
26-12-22	Climate change & global warming	Env. ethic & issues	Env. ethic & issues	Bh.
27-12-22	Acid rain and Ozone depletion	Acid Rain	Acid Rain	Bh.
28-12-22	Prevention and control of pollution Act.	Ozone depletion	CFC, Aerosol use & Ozone hole	Bh.
31-12-22	Public awareness and Env. pollution	Control of pollution	Control of pollution	Bh.
2-1-23	Population growth & variations among nations	Population growth	Population growth	Bh.
4-1-23	Population explosion and related issues	Population explosion	Population explosion	Bh.
7-1-23	Family Welfare Programmes	Topic Discussion	Topic Discussion	Bh.

Subject: E.S No. of Days/per week class allotted 4
 Semester From Date : 9-1-23 To Date : 21-1-23 No. of Weeks : 3

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
9-1-23	Environment and human health	Family Welfare schemes	Family Welfare Schemes	Bh. h.
10-1-23	Human Rights	Environment & health	Environment of health	Bh. h.
11-1-23	Value education	Human Right Commission	Human Right Commission	Bh. h.
14-1-23	Role of information tech. in Env. Studies	Role of information tech. in env. protection	Role of info. tech. in Env. protection	Bh. h.
17-1-23	Public awareness & Env.	Public awareness & Env.	Public awareness & Env.	Bh. h.
18-1-23	Revision.	Revision.	Revision.	Bh. h.
21-1-23	Revision.	Revision.	Revision.	Bh. h.