RKSD College, Kaithal

The Following students had successfully completed project work in environmental Studies in session 2021-22.

Sr. No.	Class	Name	Topic
1	BA-I	MANJU	Environmental studies
2	BA-I	JYOTI	Environmental studies
3	BA-I	PREETI	Environmental studies
4	BA-I	SHWETA RANI	Environmental studies
5	BA-I	KAVITA DEVI	Environmental studies
6	BA-I	DIKSHA	Environmental studies
7	BA-I	MANJU RANI	Environmental studies
8	BA-I	SAHIL	Environmental studies
9	BA-I	VISHAL CHAUHAN	Environmental studies
10	BA-I	MANPREET	Environmental studies
11	BA-I	ANJU	Environmental studies
12	BA-I	SHUBHAM	Environmental studies
13	BA-I	PRIYA	Environmental studies
14	BA-I	TAMANNA	Environmental studies
15	BA-I	MANISH	Environmental studies
16	BA-I	VISHAL	Environmental studies
17	BA-I	GURBACHAN SINGH	Environmental studies
18	BA-I	PARTEEK	Environmental studies
19	BA-I	AMANDEEP	Environmental studies
20	BA-I	SUNNY	Environmental studies
21	BA-I	SANJANA	Environmental studies
22	BA-I	VIJAY	Environmental studies
23	BA-I	ASHISH	Environmental studies
24	BA-I	RAJAN	Environmental studies
25	BA-I	GARIMA	Environmental studies
26	BA-I	SACHIN	Environmental studies
27	BA-I	KOMAL	Environmental studies
28	BA-I	NANCY	Environmental studies
29	BA-I	ANJALI	Environmental studies
30	BA-I	ASHU	Environmental studies
31	BA-I	TUSHAR	Environmental studies
32	BA-I	NEHA	Environmental studies
33	BA-I	NANCY	Environmental studies
34	BA-I	SHIV KUMAR	Environmental studies
35	BA-I	AARTI	Environmental studies
36	BA-I	ABUJ	Environmental studies
37	BA-I	GURPREET SINGH	Environmental studies
38	BA-I	POOJA	Environmental studies
39	BA-I	PUSHPA	Environmental studies
40	BA-I	DEEPAK	Environmental studies

41	BA-I	KUSUM	Environmental studies
42	BA-I	GURPREET KAUR	Environmental studies
43	BA-I	POOJA	Environmental studies
44	BA-I	KHUSHI	Environmental studies
45	BA-I	NEHA DEVI	Environmental studies
46	BA-I	ROHIT	Environmental studies
47	BA-I	ROHIT KUMAR	Environmental studies
48	BA-I	MUSKAN	Environmental studies
49	BA-I	AARTI	Environmental studies
50	BA-I	ARUN KUMAR	Environmental studies
51	BA-I	SHAGUN	Environmental studies
52	BA-I	ANKUSH	Environmental studies
53	BA-I	SUMER SINGH	Environmental studies
54	BA-I	SHIWANI	Environmental studies
55	BA-I	RAMAN KUMAR	Environmental studies
56	BA-I	BHAWNA	Environmental studies
57	BA-I	SAHIL	Environmental studies
58	BA-I	NIKITA PANCHAL	Environmental studies
59	BA-I	MEHAK	Environmental studies
60	BA-I	SHAWETA	Environmental studies
61	BA-I	PRIYA	Environmental studies
62	BA-I	BAKIL SAB	Environmental studies
63	BA-I	SIMRAN	Environmental studies
64	BA-I	AMAN KUMAR	Environmental studies
65	BA-I	SHUBHAM	Environmental studies
66	BA-I	JYOTI	Environmental studies
67	BA-I	PRIYANKA	Environmental studies
68	BA-I	POOJA	Environmental studies
69	BA-I	SNEHA TANWAR	Environmental studies
70	BA-I	MAPHI	Environmental studies
71	BA-I	SHEETAL	Environmental studies
72	BA-I	AARTI	Environmental studies
73	BA-I	PRITI	Environmental studies
74	BA-I	AMAN	Environmental studies
75	BA-I	ABHISHEK PATHANIA	Environmental studies
76	BA-I	AARTI	Environmental studies
77	BA-I	LATA	Environmental studies
78	BA-I	ANKUSH	Environmental studies
79	BA-I	NANCY	Environmental studies
80	BA-I	ABHISHEK	Environmental studies
81	BA-I	SWATI	Environmental studies
82	BA-I	SUMIT	Environmental studies
83	BA-I	ANKIT	Environmental studies
84	BA-I	VIKAS	Environmental studies
85	BA-I	AJAY KUMAR	Environmental studies

86	BA-I	VISHAL KAIRON	Environmental studies
87	BA-I	MANJU	Environmental studies
88	BA-I	NAVEEN KUMAR	Environmental studies
89	BA-I	JATIN KUMAR	Environmental studies
90	BA-I	PAWAN	Environmental studies
91	BA-I	NITIN	Environmental studies
92	BA-I	SAHIL	Environmental studies
93	BA-I	PRITI DEVI	Environmental studies
94	BA-I	NEHA	Environmental studies
95	BA-I	DEEPAK KUMAR	Environmental studies
96	BA-I	ABHISHEK	Environmental studies
97	BA-I	MONU	Environmental studies
98	BA-I	ROBIN	Environmental studies
99	BA-I	RAHUL	Environmental studies
100	BA-I	AMAN KUMAR	Environmental studies
101	BA-I	NEHA	Environmental studies
102	BA-I	SONU	Environmental studies
103	BA-I	VISHAL	Environmental studies
104	BA-I	NISHU	Environmental studies
105	BA-I	ABHISHEK	Environmental studies
106	BA-I	VIKAS	Environmental studies
107	BA-I	KUSUM	Environmental studies
108	BA-I	ASHISH	Environmental studies
109	BA-I	DALBIR SINGH	Environmental studies
110	BA-I	ANJU	Environmental studies
111	BA-I	KAJAL	Environmental studies
112	BA-I	VIKAS	Environmental studies
113	BA-I	RAMMEHAR	Environmental studies
114	BA-I	RAJEEV	Environmental studies
115	BA-I	AJAY SINGH	Environmental studies
116	BA-I	VIRENDER	Environmental studies
117	BA-I	PAVEL DEVI	Environmental studies
118	BA-I	RINKU	Environmental studies
119	BA-I	MANJU	Environmental studies
120	BA-I	PAHLU	Environmental studies
121	BA-I	SOURABH	Environmental studies
122	BA-I	SHIVAM	Environmental studies
123	BA-I	SEETU RANI	Environmental studies
124	BA-I	POOJA DEVI	Environmental studies
125	BA-I	PARAMJEET DEVI	Environmental studies
126	BA-I	ISHANT	Environmental studies
127	BA-I	MANJEET	Environmental studies
128	BA-I	GEETA	Environmental studies
129	BA-I	DEEPAK	Environmental studies
130	BA-I	VISHAL	Environmental studies

131	BA-I	ANU	Environmental studies
132	BA-I	MOHIT	Environmental studies
133	BA-I	ANJALI	Environmental studies
134	BA-I	AANCHAL	Environmental studies
135	BA-I	KOMAL	Environmental studies
136	BA-I	KAJAL	Environmental studies
137	BA-I	AMANDEEP	Environmental studies
138	BA-I	TWINKLE	Environmental studies
139	BA-I	PARVEEN	Environmental studies
140	BA-I	ANITA DEVI	Environmental studies
141	BA-I	VIKRAM	Environmental studies
142	BA-I	JAI DEEP SINGH	Environmental studies
143	BA-I	ARUN KUMAR	Environmental studies
144	BA-I	SANDEEP	Environmental studies
145	BA-I	RITIK	Environmental studies
146	BA-I	ANJALI LORSH	Environmental studies
147	BA-I	AASHA RANI	Environmental studies
148	BA-I	AMANDEEP	Environmental studies
149	BA-I	DEEPAK	Environmental studies
150	BA-I	REMAN	Environmental studies
151	BA-I	AMAN KUMAR	Environmental studies
152	BA-I	ROHIT	Environmental studies
153	BA-I	AJAY	Environmental studies
154	BA-I	ABHISHEK	Environmental studies
155	BA-I	SUMIT	Environmental studies
156	BA-I	MAHAK	Environmental studies
157	BA-I	PAWAN	Environmental studies
158	BA-I	AMAN	Environmental studies
159	BA-I	SAHIL	Environmental studies
160	BA-I	NISHANT	Environmental studies
161	BA-I	ASHOK KUMAR	Environmental studies
162	BA-I	NIDHI SHARMA	Environmental studies
163	BA-I	HITESH	Environmental studies
164	BA-I	JYOTI	Environmental studies
165	BA-I	SOMBIR	Environmental studies
166	BA-I	KHUSHI VERMA	Environmental studies
167	BA-I	SAHIL	Environmental studies
168	BA-I	VIKRAM SINGH	Environmental studies
169	BA-I	SAHIL	Environmental studies
170	BA-I	AMAN	Environmental studies
171	BA-I	NEHA RANI	Environmental studies
172	BA-I	ANKIT NAIN	Environmental studies
173	BA-I	AAHIT	Environmental studies
174	BA-I	SHAMSHER SINGH	Environmental studies
175	BA-I	SUNNY NEHRA	Environmental studies

176	BA-I	RAM MEHAR	Environmental studies
177	BA-I	TANNU GILL	Environmental studies
178	BA-I	ROHIT	Environmental studies
179	BA-I	HARSH	Environmental studies
180	BA-I	REENA	Environmental studies
181	BA-I	POONAM	Environmental studies
182	BA-I	SAHIL	Environmental studies
183	BA-I	GURPREET DEVI	Environmental studies
184	BA-I	HAPPY SINGH	Environmental studies
185	BA-I	ANKIT	Environmental studies
186	BA-I	ANKIT KUMAR	Environmental studies
187	BA-I	CHAVI RANI	Environmental studies
188	BA-I	RAMAN	Environmental studies
189	BA-I	ANIKET	Environmental studies
190	BA-I	ANJALI	Environmental studies
191	BA-I	PREETI	Environmental studies
192	BA-I	VINISH	Environmental studies
193	BA-I	ANKUSH	Environmental studies
194	BA-I	ANJALI	Environmental studies
195	BA-I	SUNIL KUMAR	Environmental studies
196	BA-I	ARMEET	Environmental studies
197	BA-I	VINAY	Environmental studies
198	BA-I	RUCHIN	Environmental studies
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201	BA-I	VIKAS KUMAR	Environmental studies
202	BA-I	RINKI	Environmental studies
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204	BA-I	ANAND	Environmental studies
205	BA-I	KUSUM DEVI	Environmental studies
206	BA-I	PRINCE	Environmental studies
207	BA-I	JANAVI DEVI	Environmental studies
208	BA-I	AJAY KUMAR	Environmental studies
209	BA-I	SOURAV	Environmental studies
210	BA-I	POOJA DEVI	Environmental studies
211	BA-I	GURMEET	Environmental studies
212	BA-I	TANU	Environmental studies
213	BA-I	GURMEET SINGH	Environmental studies
214	BA-I	SHUBHAM	Environmental studies
215	BA-I	VARSHA RITU	Environmental studies
216	BA-I	AMAN KUMAR	Environmental studies
217	BA-I	PANKAJ KUMAR	Environmental studies
218	BA-I	SHUBHAM	Environmental studies
219	BA-I	TUSHAR	Environmental studies
220	BA-I	SACHIN	Environmental studies

221	BA-I	MANOJ	Environmental studies
222	BA-I	ABHISHEK	Environmental studies
223	BA-I	ANKUSH	Environmental studies
224	BA-I	DHANANJAY	Environmental studies
225	BA-I	ANJLEE	Environmental studies
226	BA-I	Nishu	Environmental studies
227	BA-I	RAFI	Environmental studies
228	BA-I	PAYAL	Environmental studies
229	BA-I	SAWAN KUMAR	Environmental studies
230	BA-I	KULJOT	Environmental studies
231	BA-I	SONAL	Environmental studies
232	BA-I	SIMRAN KAUR	Environmental studies
233	BA-I	HIMANSHU	Environmental studies
234	BA-I	DEEPAK	Environmental studies
235	BA-I	PINKI DEVI	Environmental studies
236	BA-I	JYOTI RANI	Environmental studies
237	BA-I	PINKI RANI	Environmental studies
238	BA-I	KAJAL	Environmental studies
239	BA-I	KHUSHI	Environmental studies
240	BA-I	MOHIT	Environmental studies
241	BA-I	SIYA	Environmental studies
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243	BA-I	GOURAV	Environmental studies
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245	BA-I	NILESH SHARMA	Environmental studies
246	BA-I	PRIYANKA	Environmental studies
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248	BA-I	JYOTI	Environmental studies
249	BA-I	DIVENDER SINGH	Environmental studies
250	BA-I	MANJEET	Environmental studies
251	BA-I	MOHIT	Environmental studies
252	BA-I	ABHISHEK	Environmental studies
253	BA-I	VIJAY SINGH	Environmental studies
254	BA-I	MANDEEP	Environmental studies
255	BA-I	RAHUL	Environmental studies
256	BA-I	KULBIR	Environmental studies
257	BA-I	KAMALJEET	Environmental studies
258	BA-I	AMAN	Environmental studies
259	BA-I	KULWINDER	Environmental studies
260	BA-I	MANISH	Environmental studies
261	BA-I	SHITAL	Environmental studies
262	BA-I	RAHUL KUMAR	Environmental studies
263	BA-I	SAHIL KUMAR	Environmental studies
264	BA-I	ROHIT	Environmental studies
265	BA-I	TARSEM	Environmental studies

266	BA-I	PRADEEP KUMAR	Environmental studies
267	BA-I	AMANDEEP	Environmental studies
268	BA-I	SAHIL	Environmental studies
269	BA-I	MINAKSHI DEVI	Environmental studies
270	BA-I	JEEVAN RAM	Environmental studies
271	BA-I	SUMIT	Environmental studies
272	BA-I	AJAY	Environmental studies
273	BA-I	JATIN	Environmental studies
274	BA-I	DHIRENDER	Environmental studies
275	BA-I	POOJA DEVI	Environmental studies
276	BA-I	RAHUL	Environmental studies
277	BA-I	ANKUSH RANI	Environmental studies
278	BA-I	AASHISH	Environmental studies
279	BA-I	MANOJ	Environmental studies
280	BA-I	NEHA	Environmental studies
281	BA-I	SUMAN	Environmental studies
282	BA-I	KOMAL DEVI	Environmental studies
283	BA-I	AMIT	Environmental studies
284	BA-I	LUXMI	Environmental studies
285	BA-I	SUNENA DEVI	Environmental studies
286	BA-I	ANJALI	Environmental studies
287	BA-I	VIJAY	Environmental studies
288	BA-I	ANAND	Environmental studies
289	BA-I	NAINA	Environmental studies
290	BA-I	RAHUL SINGH	Environmental studies
291	BA-I	ASHU	Environmental studies
292	BA-I	MAHAK	Environmental studies
293	BA-I	SANJU	Environmental studies
294	BA-I	ANKIT	Environmental studies
295	BA-I	HARSHDEEP	Environmental studies
296	BA-I	AKSHAY	Environmental studies
297	BA-I	RITIK	Environmental studies
298	BA-I	SALMAN KHAN	Environmental studies
299	BA-I	SAHIL	Environmental studies
300	BA-I	KHUSHPREET	Environmental studies

Dr. Shilpy Aggarwal
Convener

Dr. SK Goyal
Principal

SCHEME AND SYLLABUS FOR THE SUBJECT OF ENVIRONMENTAL STUDIES

The "Six month module syllabus for Environmental Studies for U.G. Courses" supplied by the UGC for the subject was approved for adoption in the Universities of the State. The subject is to be taught in 1st year of the U.G. Course.

The subject of Environmental studies will be included as a qualifying paper in all UG Courses (including professional courses also) from the session 2004-05 and the students will be required to qualify the same otherwise the **final result** will not be declared and **degree** will not be awarded.

Since the module syllabus for Environmental Studies for U.G. Courses supplied by the UGC has been adopted in toto, the scheme of examination proposed by the UGC has been approved by the Vice-Chancellor alongwith the syllabus of the course under section 11(5) of KU Act, 1986 so that the same becomes operative from the session 2004-05.

Credit System: The core course will be awarded 4 credits.

Exams. Pattern: In case of awarding the marks, the question paper should carry 100 marks. The structure of the question paper being:

Paper-I PART-A : Short Answer Pattern 25 Marks

PART-B : Essay type with inbuilt choice 50 Marks

Paper -II PART-C : Field Work (Practical) 25 Marks

Annual System: The examination of this compulsory qualifying subject of Environmental Studies in case of the DCC candidates will also be conducted by the Examination Branch of the University alongwith the annual examinations of other theory papers of the DCC candidates of the respective UG streams. With regard to the Field Work (Practical), the DCC candidates will be required to submit a Report of Practical Assignment of around 20 pages neatly written/typed,

duly bound by 30 March of the session which will be got evaluated by the Examination Branch of the University as in case of Practical Assignments/Project Report submitted by the DCC candidates of other courses.

Instructions for the Examiners

Part-A Question 1 is **compulsory** and will contain ten short-answer type question of 2.5 marks each covering the entire syllabus.

Part-B Eight essay type questions (with inbuilt choice) will be set from the entire syllabus and the candidates will be required to answer any four of them. Each essay type question will be of the 12-1/2 marks.

PCP/Contact Classes: The subject of Environmental Studies will also be taken up in the PCPs/Contact classes to be arranged by the University/Service Providers at their Study Centres/Study Centres in the affiliated colleges of the University with number of lectures at par with other subjects/papers of the respective courses.

Each candidate will be required to score minimum of 35% marks each in theory and Practical separately. The marks obtained in this qualifying paper will not be included in determining the percentage of marks/division obtained by them for the award of **'degree'**. However, these will be shown in the detailed marks certificate of the student.

The candidates, who will not be able to pass in the subject of Environmental Studies (Theory and/or Field Work (Practical) in 1st year will have to qualify the same by appearing in the examination of Environmental Studies in 2nd year or 3rd year or thereafter by submitting a separate examination form and examination fee of Rs. 50/- as an ex-student as in the case of 'Reappear'/'Compartment' candidates. There will, however, be no supplementary examination in the subject of Environmental Studies.

CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES FOR UNDER GRADUATE COURSES OF ALL BRANCHES OF HIGHER EDUCATION (AS APPROVED BY THE U.G.C.)

UNIT-1: The **Multidisciplinary** nature of environmental studies Definition; Scope and importance, Need for public awareness.

UNIT-2: Natural Resources:

Renewable and non-renewable resources:

Natural resources and associated problems.

a) Forest resources: Use and Over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.

b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.

c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies.

f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

- Role of an individual in conservation of natural resources.

- Equitable use of resources for sustainable lifestyles.

UNIT-3: Ecosystems

- Concept of an ecosystem.

- Structure and function of an ecosystem.

- Producers, consumers and decomposers.

- Energy flow in the ecosystem.

- Ecological succession.

- Food chains, food webs and ecological pyramids.

- Introduction, types, characteristic features, structure and function of the

following ecosystem: -

a. Forest ecosystem

b. Grassland ecosystem

c. Desert ecosystem

d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

UNIT-4: Biodiversity and its Conservation

 Introduction-Definition: genetic, species and ecosystem diversity.

 Biogeographical classification of India.

 Value of biodiversity: consumptive use, productive use, social, ethical, a esthetic and option values.

 Biodiversity at global, National and local levels.

 India as a mega-diversity nation.

 Hot-spots of biodiversity.

 Threats to biodiversity: habital loss, poaching of wildlife, man-wildlife conflicts.

 Endangered and endemic species of India.

 Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

UNIT-5: Environmental Pollution:

Definition

- Causes, effects and control measures of: -

a. Air pollution

b. Water pollution

c. Soil pollution

d. Marine pollution

e. Noise pollution

f. Thermal pollution

g. Nuclear hazards

- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.

- Role of an individual in prevention of pollution.

- Pollution case studies.

- Disaster management: floods, earthquake, cyclone and landslides.

UNIT-6: Social Issues and the Environment

- From Unsustainable to Sustainable development.

- Urban problems related to energy.

- Water conservation, rain water harvesting, watershed management.

- Resettlement and rehabilitation of people; its problems and concerns. Case studies.

- Environmental ethics: Issues and possible solutions.

- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.

- Wasteland reclamation.

- Consumerism and waste products.

- Environment Protection Act.

- Air (Prevention and Control of Pollution) Act.

- Water (Prevention and Control of Pollution) Act.

- Wildlife Protection Act. - Forest Conservation Act.

- Issues involved in enforcement of environmental legislation.

- Public awareness.

UNIT-7: Human Population and the Environment

- Population growth, variation among nations.

- Population explosion-Family welfare Programme.

- Environment and human health.

- Human Rights.

- Value Education.

- HIV/AIDS.

- Women and Child Welfare.

- Role of information Technology in Environment and human health.

- Drugs and their effects; Useful and harmful drugs; Use and abuse of drugs; Stimulant and depressant drugs. Concept of drug de-addiction. Legal position on drugs and laws related to drugs.

- Case Studies.

UNIT-8: Field Work (Practical).

- Visit to a local area to document environmental assets-river/forest/grassland/ hill/mountain.

- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.

- Study of common plants, insects, birds.

- Study of simple ecosystems-pond, river, hill slopes, etc.

SIX MONTHS COMPULSORY CORE MODULE COURSE IN ENVIRONMENTAL STUDIES: FOR UNDERGRADUATES

Teaching Methodologies

The Core Module Syllabus for Environmental Studies includes class room teaching and Field Work. The syllabus is divided into eight units. The first seven unit will cover lectures to enhance knowledge skills and attitude to environment. Unit eight is based on field activities which will provide students first hand knowledge on various local environmental aspects. Field experience is one of the most effective learning tools for environmental concerns. This moves out of the scope of the next book mode of teaching into the realm of role learning in the field, where the teacher merely acts as a catalyst to interpret what the student observes or discovers in his/her own environment. Field studies are as essential as class work and form an irreplaceable synergistic tool in the entire learning process.

Course material provided by UGC for classroom teaching and field activities be utilized.

The Universities/colleges can also draw upon expertise of outside resource persons for teaching purposes.

Environmental Core Module shall be integrated into the teaching programmes of all undergraduate courses.

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RECORD OF THE PROJECTS PERFORMED

No.	Particulars	Date	Page	T S
1	Visit a local Area to Documunt Env. Assct - Canal	26/3/23	1-3	
2	" " " " " " — Pond	26/3/23	4-7	
3	Visit to local Polluted Site - Industrial	30/3/23	8-11	
4	Visit to an Agricultural site	30/3/23	12-13	
5	Study of Common Plants	30/3/23	14-19	

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Name of Project To Visit Local Area to Document Environmental Asset – Canal

Date: 26/3/2023

Aim of Project :- The aim of this project is to throw light on the benefits of river and canals which are the lifeline of a nation. They are the main source of drinking as well as irrigation water. They must be protected from industrial waste as well as human waste

1) Name of Canal :- Bhakhra Canal

2) Place of origin :- Bhakhra village

3) Route of Canal :- Narwana Branch

4) Type of Canal :- Perinial (existing for several years)

5) Quality of water :- Clean

6) Colour of water :- cadet gray

7) Temperature of water :- normal cold

8) foam of grease like substance :- No
(Impurities)

Teacher's Signature.....

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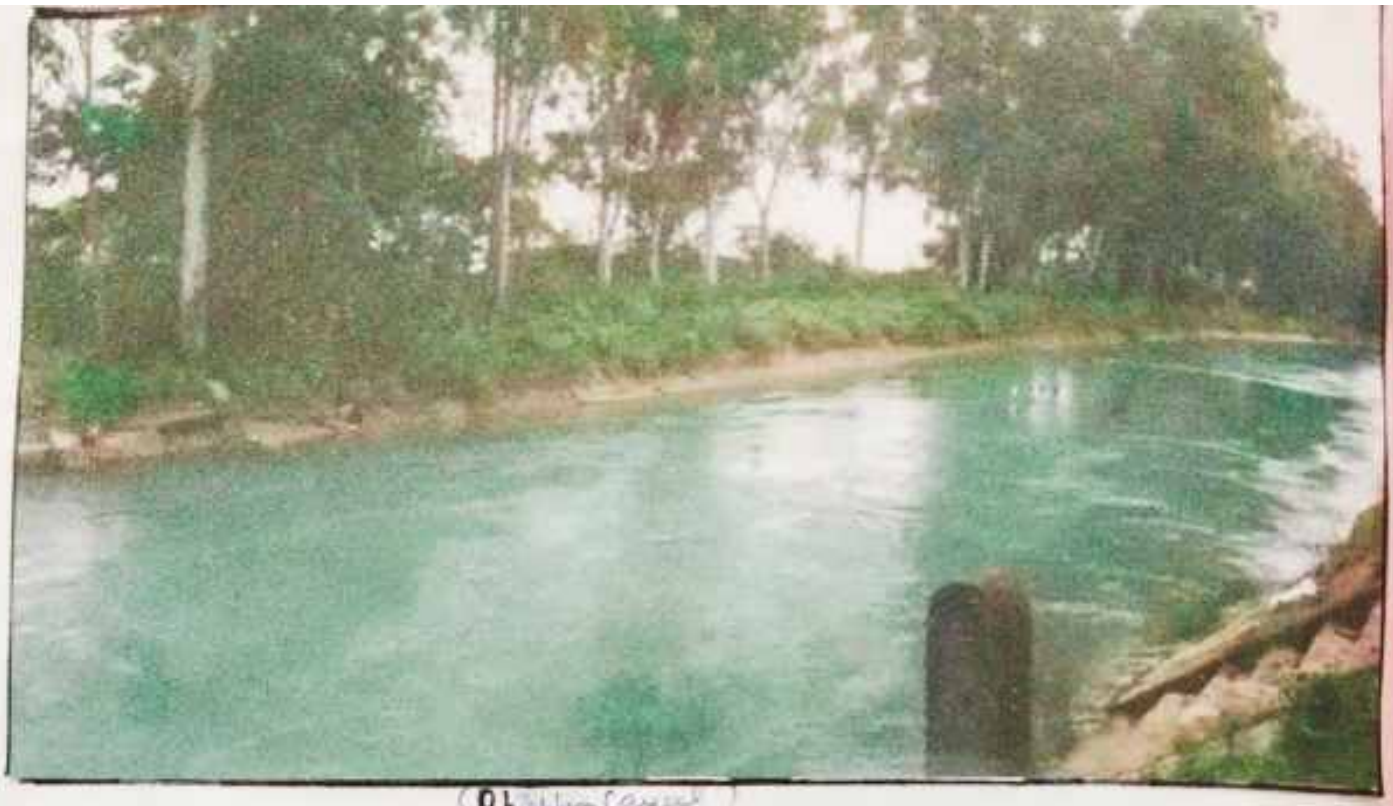

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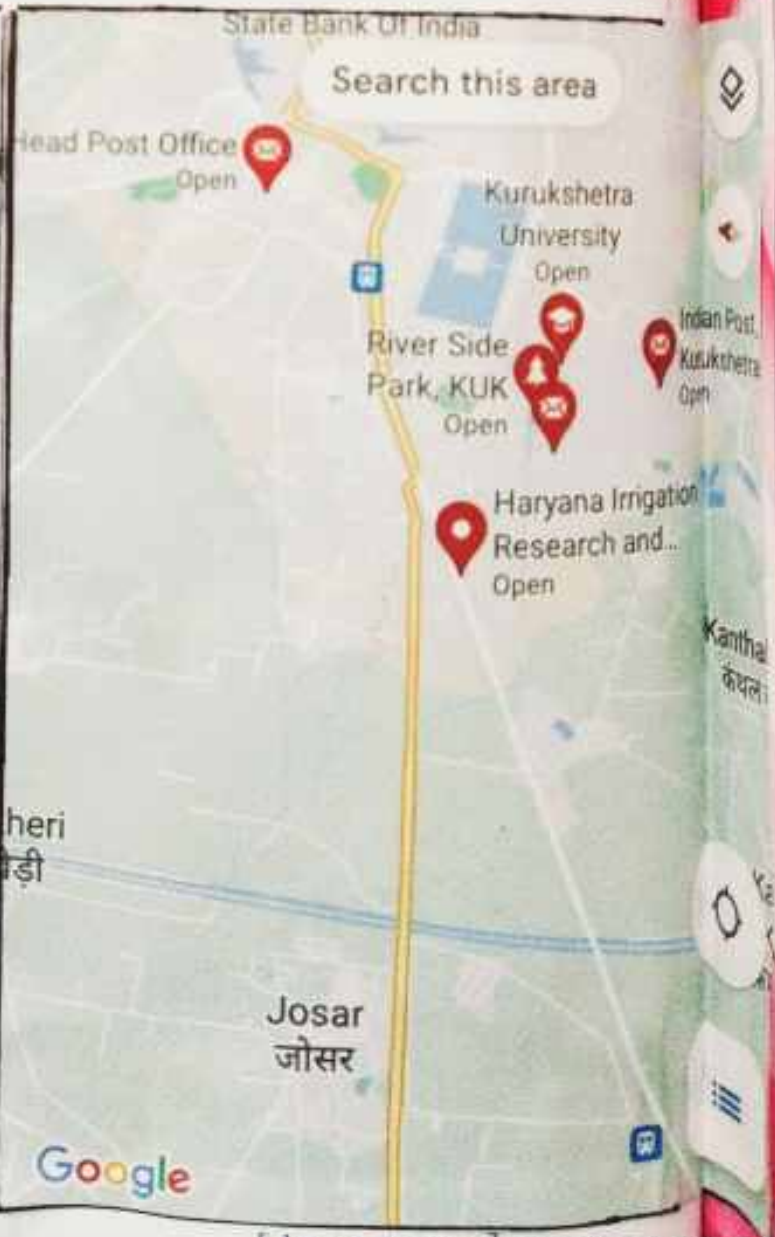
होम ताजा राष्ट्रीय स्पेशल **शेयर बाजार** क्या खरीदें

Hindi News News State

Kurukshetra News: नहर में नहाने के दौरान बहे एनआईटी के दो छात्र, रातभर चला सर्च अभियान, 12 घंटे बाद मिला शव

Kurukshetra News गांव किरमिच के पास नरवाना ब्रांच नहर में बहे राष्ट्रीय प्रौद्योगिकी संस्थान के दोनों छात्रों के शव करीब 12 घंटे बाद नहर से मिल गए हैं। एनआइटी सिविल इंजीनियरिंग के

BHARAT



Name of Project _____ Date:

_____

9) Is any type of industrial waste, municipal waste or human solid waste dumped?

→ No, any industrial, municipal or human waste is not dumped in the canal.

10) Is any religious waste thrown?

→ Yes, some religious waste like ash of essence sticks, flowers are dumped in the canal.

11) Vegetation besides the canal:

(1) Eucalyptus Trees

(2) Sheesham Trees

(3) Shrubs (Thorny)

(4) Dandelion weeds

12) Unwanted Incidents? (i) Some incidents of drowning (news attatched).

13) Suggestions to keep canal clean:
(i) We should not dump any kind of waste such as industrial, municipal, human, religious etc.

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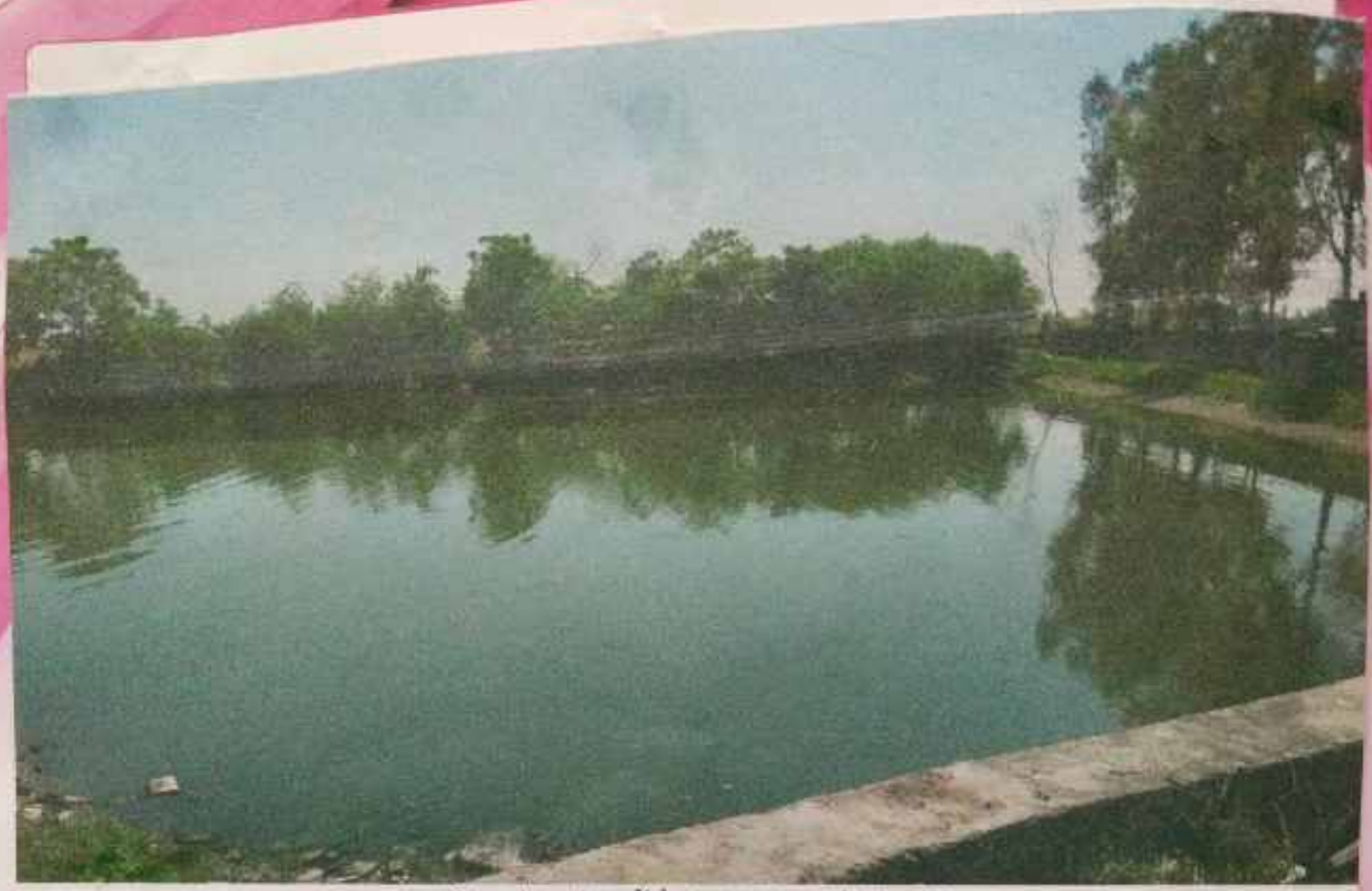
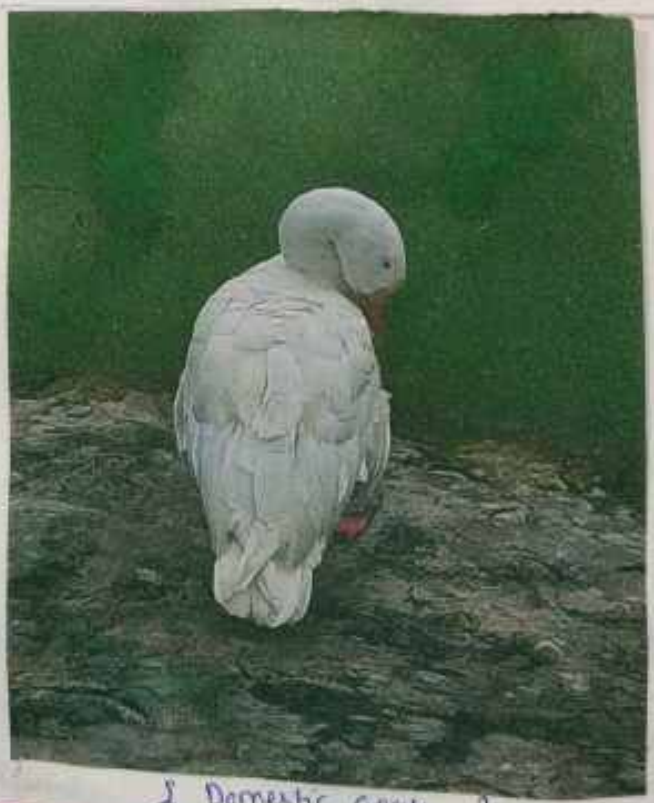
Project-2



Pond at Khaupur Village



Domestic Goose

Name of Project: Study of Ecosystem - Pond

Date: 26/3/2023

Aim of Project: Ponds are associated with rural India from ancient times on the one hand where they are a source of drinking water, they are a reservoir for rain water which flows from village streets to the pond. Pond water is important for human beings as well as for animals. Ponds in south and west Haryana are also used for drinking and water facilities. Water is purified and supplied through water pipes. Pond ecosystem includes birds, animals and vegetation etc.

(1) Name of Pond: Pond at Khaupur Village

(2) Location: Khaupur Village (5 Km from Karnal), Cheeka Road.

(3) Chemical Properties of water at Pond:

(i) Temperature :- 22.1 °c

(ii) pH :- 8.1

(iii) Conductivity :- 2410 μ-mho/cm

(iv) Salinity :- 1190 (ppm)

(v) TDS :- 1590 (ppm)
(Total Dissolved Solids)

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(Pg 6)

{ Dandelion weeds }

Name of Project _____ Date:

_____

(4) Colour of water: Muddy Brown.

(5) Source of water: Rain.

(6) Uses of Pond by Local People:

(i) People use pond water for cattle bathing
(ii) It is used as a source of drinking water for animals
(iii) It is also used for pisciculture

(7) flora and fauna:

flora	fauna
(i) Eucalyptus	(i) Major and Minor Carps
(ii) Sheesham	(ii) Minnows
(iii) Dandelion weeds	(iii) Domestic goose
(iv) Algal Bloom	(iv) Catla and Rohu fish
	(v) Snakes, frogs
	(vi) Ducks

(8) Is sewage waste dumped in the pond?

→ No, sewage waste is not dumped in the pond but cattle bathing introduces some faecal matter in the pond.

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(Pg 1) Project-3

{ Kaithal Co-op Sugar Mill Ltd }

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(Pg 9)

Name of Project: To Visit a Local Polluted Site - Industrial

Date: 30/3/2023

Aim of Project: To visit a nearby industrial area as industries are the backbone of a country's development. But at the same time they pose a great environmental threat. Industrial gases cause greenhouse effect and global warming. Industrial effluents cause soil degradation and water pollution.

1) Name of Industrial Area: Kaithal Co-OP Sugar Mill. Ltd.

2) Location: SH 8, Kaithal, Haryana

Observations of the Polluted Site:

(i) Source of Power: Electricity

(ii) Condition of Chimneys: Moderate

(iii) Condition of Machinery :-

Most of the machine work fine but some are worn out.

(iv) Main Pollutants: (i) Sugar Cane Residue (press mud),
(ii) Chemical Mixed liquid waste
(iii) Boiler Ash.

These pollutants cause air pollution and water & land pollution

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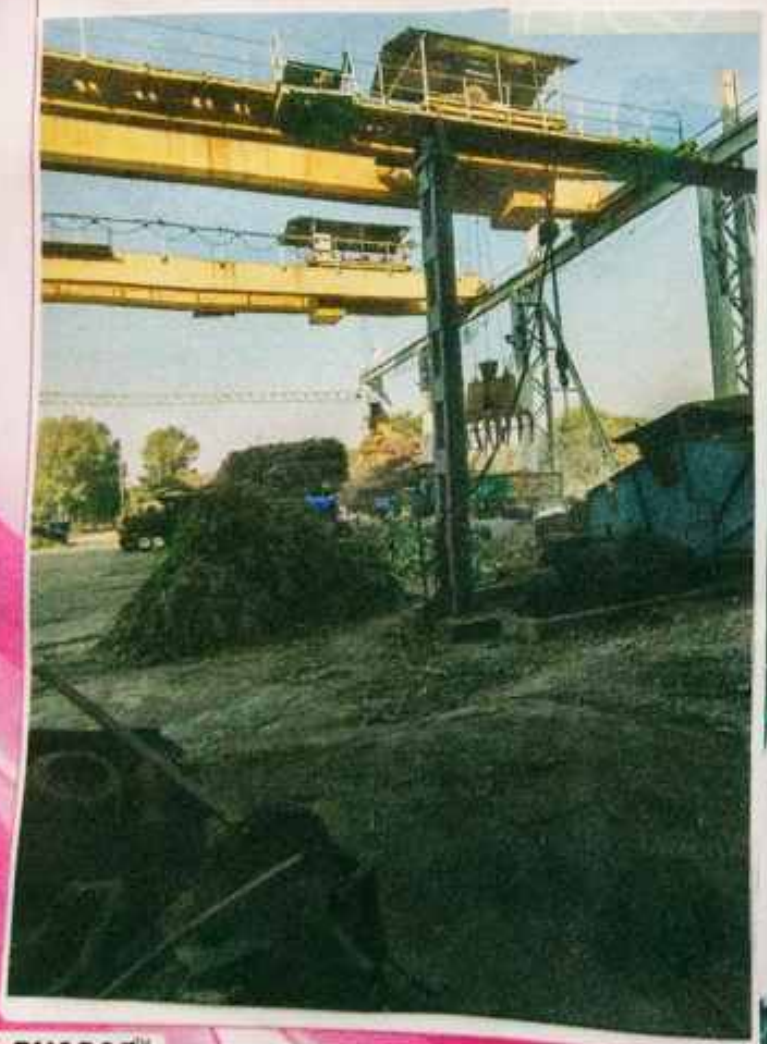
{ Machinary }



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Name of Project

Date:

Pollution Control Measures

(i) Repair of worn out machines to increase efficiency

(ii) Dumping of boiler ash and press mud (sugarcane) residue & after processing should be systematic and carefully done.

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{ wheat field in End of March }

Name of Project To visit an Agricultural Site

Date: 30/3/2023

Aim of Project: More than 70% India's ~~pollut~~ population depends on agriculture. Our economy also largely depends on agriculture. In order to enhance agricultural production, farmers use excessive fertilizers and pesticides. Excessive use of such thing spoils the quality of food grains as well as soil and water.

1) Area of field: 72 acre

2) Location: Brot village

3) Crops grown: wheat and rice.

4) Chemical Properties of Soil:

(i) Texture :- Loamy alluvium

(ii) Bulk Density: 1.20 Mg m^{-3}

(iii) Particle Density :- 2.02 Mg m^{-3}

5) Ill effects of using excessive pesticides.
(i) Porticides can contaminate soil, water.
(ii) They can effect the host plants when used excessively.

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Aim of Project: To study the common Plants in Local Area.

Place: Haryana

Location: Northern Plain

Terrain: Plains

Name and Pictures of Plants:

(1) Wheat (Triticum aestivum)

Name of Project: Study of Common Plants

Date: 30/3/2023

Aim of Project: Biodiversity on this earth is remarkable. It has tremendous potential regarding consumptive, productive, social, ethical, ecological value. We can know about it by visiting a nearby National Park. or sanctuary where several plants, insects, mammals, and birds can be seen.

(1) Place: Haryana
(2) Location: Northern Plains
(3) Terrain: Plains.

(4) Name and Description of Plants

(1) Wheat: (i) Wheat is consumed at a large scale in different ways like making chappattis, bread, biscuits, cakes etc.
Its straw ~~and paddy~~ is used as fodder for animals and ~~for~~ making cardboard.

(ii) Type → Rabi Crop

(iii) Season:- Nov - April

(iv) Scientific Name: ~~T~~ Triticum aestivum

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(2) Rice (Oryza Sativa)

(3) Mustard (Brassica nigra

Name of Project _____ Date:

_____

(2) Rice :- (i) Rice is very important food over worldwide. It is a major food in South India, as well as in Eastern and North Eastern states. It is prepared in different ways like dosa, idli, biriyani, pulao and kheer etc.
Its straw is used as fodder for animals and for making hats and baskets. Rice bran is used as insecticides, textiles, and leather treatment.

(ii) Type: Kharif crop.

(iii) Season: July - Oct.

(iv) Scientific Name: Oryza sativa

3) Mustard Mustard is a major source of edible oil. It's yellow variety is more nutritious. Its cake are used as a cow feed. Green mustard leaves and stem are used in cooking pot herb which is popular with maize flower chapati's as 'Makki ki Roti Sarson ka Saag'. Its oil is used in cooking vegetables. It is also used in earthen lamps on Deepawali festivals. It is also used in massaging.

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(4) Tulsi (Basil) (Ocimum Sanctum)

(5) Neem (Azadirachta indica)

Name of Project _____ Date:

(ii) Season: Nov- April

(iii) Scientific Name: Brassica nigra.

4) Tulsi (Basil) (i) Basil is a medicinal plant. It has great religious value also. Women waters Tulsi Plants as a part of their worship. Its leaves are used in preparing tea which destroys bacteria from the body. It also cures fever, cough and cold.

(ii) Season: April - June

(iii) Scientific Name: Ocimum sanctum.

5) Neem (i) Neem is really a medicinal tree used in various diseases. Its leaves are useful in fever, jaundice, skin diseases and wounds. Its fruit is used to cure urinary problems, piles and intestinal worms etc. Its brush is used to clean teeth. Its delicate leaves eaten in morning, kills all stomach problems.

(ii) Season: Perennial

(iii) Scientific Name: Azadirachta indica.

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