

**Minutes of the Thirteenth BOS Meeting in Department of Environmental
Science held on 22 February, 2019 at 11:00 a.m. in IISU Campus**

The following members were present:

| S. No. | Name | Designation |
|--------|---|--------------------------------------|
| 1. | Prof. Pradeep Bhatnagar Dean, Faculty of Science IIS (deemed to be University) Jaipur | Chairperson |
| 2. | Prof. Reena Mathur Retd. Professor, Dept. of Zoology University of Rajasthan, Jaipur | Special Invitee |
| 3. | Dr. Anuradha Shukla Scientist, Head Transport Planning & Environment, Central Road Research Institute, New Delhi | External Member (Industry Expert) |
| 4. | Dr. Nidhi Kaushik | External Member (Alumna) |
| 5. | Dr. Shelja K. Juneja IIS (deemed to be University) Jaipur | Member |
| 6. | Dr. Charu Jhamaria IIS (deemed to be University) Jaipur | Member |
| 7. | Dr. Alka Kataria IIS (deemed to be University) Jaipur | Member |
| 8. | Ms. Monu Arora IIS (deemed to be University) Jaipur | Member |
| 9. | Dr. Sonal Jain IIS (deemed to be University) Jaipur | Member |
| 10. | Mr. Ashish Tambi IIS (deemed to be University) Jaipur | Convener |

Ashish Tambi

The following could not attend the meeting:

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| 1. | Dr. Deepak Pant Dean, School of Earth and Environmental Science, Central University of H.P., Dharamshala, Kangra, Himachal Pradesh | External Member (Academician) |
| 2. | Dr. Anil Kumar Raina Professor & Head Dept. of Environmental Science, University of Jammu, Jammu & Kashmir | External Member (Academician) |

At the outset, the Dean Prof. Pradeep Bhatnagar welcomed all the members of the BOS.

The agenda items were taken up and after considerable deliberations, following decisions were taken:

1. The Minutes of the last meeting held on 28.02.2018 were considered and approved.
2. The syllabus of U.G Pass course in Environmental Science {Semesters I to VI (2019-22)} was considered and approved. However some revisions were suggested in the paper codes ENV 202, ENV 301, ENV 302, ENV 501, ENV 503, ENV 601(Annexure I).
3. The syllabus of M.Sc. Environmental Science {Semester I to IV (2019-21)} was considered and approved. However some revisions were suggested in the paper codes ENV 123, ENV 221, ENV 222, ENV 223, ENV 225, ENV 421 and ENV 422 (Annexure I).
4. Syllabus for paper entitled Industrial and Occupational Health (ENV 423 B) was considered and approved for introduction as elective paper in M.Sc. Semester IV.
5. Nomenclature of the paper Remote sensing and GIS (ENV 423) will now be changed to Remote sensing and GIS (ENV 423A)
6. The syllabus of Foundation Course in Under Graduate Programmes {Semester III and IV (2019-22)} was considered and approved.

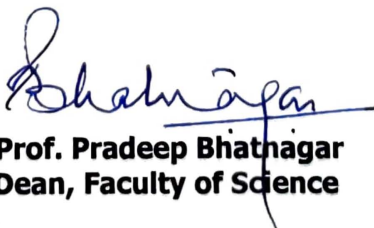
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7. The already approved syllabi for the following Programmes /Courses of the Academic Years 2017-18 (B.Sc. Semesters V & VI) and 2018-19 (B.Sc. Semesters III to VI) and M.Sc. (Semester III & IV) were considered and approved.
8. The already approved syllabi for Foundation Course in B.A./B.A.(H)/B.Sc./B.Sc(H) /B.Com/B.com(H) for Semester III and IV BVA for Semester II were considered and approved for the academic years 2018-2021.
9. The already approved syllabus of AECC-Environmental Studies for the programmes under CBCS curriculum was considered and approved.
10. Some changes were suggested in the syllabus of UG and PG papers
11. The BOS Co-opted **Dr. Charu Jhamaria** as member of the Examiners selection Committee for a period of one year(i.e. for the session 2019-20)
12. The Question Papers of Semester –II, IV and VI Examination, April 2018 and semesters I, III and V Examination November 2018 were reviewed.
13. The Examiners Reports for the Semester II, IV and VI Examination, April 2018 and Semesters I, III and V Examinations, November 2018 were reviewed.

The meeting ended with a vote of thanks.



Dr. Raakhi Gupta
Registrar



Prof. Pradeep Bhatnagar
Dean, Faculty of Science



Mr. Ashish Tambi
Convener


Annexure A

IIS (Deemed to be University), Jaipur
Department of Environmental Science
Changes recommended in the Syllabus for Foundation, UG and PG
Programme offered by the Department for Session 2019-2020

| Programme/Course | Semester | Paper Code | Changes Recommended |
|---|----------|------------|---|
| B. Sc (Environmental Science) (UG) | II | ENV 202 | To add the following topic in Unit 4 (Wildlife Management and Conservation): <i>Introduction to Organizations/conventions- PETA, NTCA, ZSI, CZA, WII, SACON, ENVIS, BNHS</i> |
| | III | ENV 301 | <ul style="list-style-type: none"> To remove unit V (Applications of Environmental microbiology) To Add a new unit Microbiology of air |
| | III | ENV 302 | <ul style="list-style-type: none"> Replace unit IV organic waste management with a new unit Eco-friendly bioprocesses |
| | V | ENV 501 | To remove the term definition and add a new topic, molecular and biochemical effects of toxicants in Unit I |
| | V | ENV 503 | To add the following topics <ul style="list-style-type: none"> Objectives of water quality monitoring and types of samples |
| | VI | ENV 601 | To shift the topic "types of disaster" from unit I to Unit II |
| M.Sc (Environmental Science) (PG) | I | ENV 123 | To remove the topic Basics of "bharat stage emission standards and history and episodes of air pollution" |
| | II | ENV 221 | To add the following topic in unit I and II <ul style="list-style-type: none"> Factors affecting solid waste management (Unit I) Waste processing (Unit I) |

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|--|----|---------|---|
| M.Sc (Environmental Science) (PG) | II | ENV 222 | To remove the following topics Sludge dewatering and sludge thickening, ETP from Unit III |
| | II | ENV 223 | <ul style="list-style-type: none"> To add "Project Gharial" and Hoolock gibbon from Unit IV To remove the topic "Wildlife protection act amendment 1991" from Unit V |
| | II | ENV 225 | To Add the following topics under preparation of maps <ul style="list-style-type: none"> Project Gharial, Gibbon, Rhino and Godawan in India |
| | IV | ENV 421 | To Add the topic "Environmental Monitoring" in Unit III |
| | IV | ENV 422 | Remove the following topic in Unit I: <ul style="list-style-type: none"> Secondary data, methodology and content of fields survey To Add "research process" in unit I To Add the following topic in unit II <ul style="list-style-type: none"> Steps in sample design, criteria of sampling procedure and types of sample design |


Mr. Ashish Tambi
Convener, BOS
Environmental Science

SUMMARY OF THE BOS MEETING OF ENVIRONMENTAL SCIENCE HELD ON 22.02.2019

A new paper entitled Industrial and Occupational Health (ENV 423 B) has been introduced as elective paper in M.Sc. Semester IV and the nomenclature of the paper Remote sensing and GIS (ENV 423) has been changed to Remote sensing and GIS (ENV 423 A).

Some revisions were suggested by the faculty members and the external BOS members in the paper codes ENV 202, ENV 301, ENV 302, ENV 501, ENV 503, ENV 601, ENV 123, ENV 221, ENV 222, ENV 223, ENV 225, ENV 421, ENV 422 which have been incorporated in the syllabus.

The BOS Co-opted Dr. Charu Jhamaria as member of the Examiners Selection Committee for a period of one year (i.e. for the session 2019-20).



Mr. Ashish Tambi
Convener, BOS
Environmental Science