

SCHOOL OF SCIENCES

4Y B.Sc. (HONS) (ENVIRONMENTAL SCIENCE)

SEM Completion Status

Sl	Course Code & Name	SEM Completion Status
Major in Environmental Science (Mandatory and Electives) Courses		
1	ETSC001: Scieng & Computer	Completed & Uploaded as website
2	ETSC002: Lab Activities on ETSC001	Completed & Uploaded as website
3	ETSC003: Environmental Chemistry & Physics	Completed & Uploaded as website
4	ETSC004: Lab Activities on ETSC003	Completed & Uploaded as website
5	ETSC005: Ecological Conservation	Completed & Uploaded as website
6	ETSC006: Environment, Indian Culture & Traditions (M)	In Progress
7	ETSC007: Lab Activities on ETSC005	Completed & Uploaded as website
8	ETSC008: Pollution Control Technologies	Completed & Uploaded as website
9	ETSC009: Natural Resource Management	Completed & Uploaded as website
10	ETSC010: Lab Activities on ETSC008	Completed & Uploaded as website
Vocational Skill Courses (VSC)		
11	ETSV001: Environmental Microbiology	Completed & Uploaded as website
12	ETSV002: Basics of Environmental Audit	In Progress
13	ETSV003: Air Health Management	In Progress
Skill Enhancement Courses (SEC)		
14	SEC001: Data Interpretation Skill	Completed & Uploaded as website
15	SEC002: MS-Excel with AI	Completed & Uploaded as website
16	SEC003: Intellectual Property Rights (IPR)	NPTEL, SWANISH Course
ABC, VEC, IBA, ITC, CRP		
17	TEC001: Environmental Education	Completed & Uploaded as website
18	IBD001: English for Career and Life Skills (Semester III)	In Progress
19	SEC004: English Communication	Completed & Uploaded as website
20	SEC005: Hindi for Language - I	Completed & Uploaded as website
21	SEC006: Hindi for Language - II	Completed & Uploaded as website

12	CEB400: Soya	Completed & Uploaded as videos
13	CEB400: Applied Arts	In Progress
14	ENV400: MCTP (sic) Assessment of Sustainable Development Goals	In Progress
Master Courses in Environmental Science offered for other Discipline		
15	ENV400: Fundamentals of Environment	Completed & Uploaded as videos
16	ENV400: FGDH Biology	Completed & Uploaded as videos
17	ENV400: Lab Activities on ENV400	Completed & Uploaded as videos
18	ENV400: Water & Snow Quality	Completed & Uploaded as videos
19	ENV400: Lab activities on ENV400	In Progress
Open Elective Courses in Environmental Science offered for other faculty		
20	ENV400: Biodiversity of India	Completed & Uploaded as videos
21	ENV400: Technical approach for Smart City	Completed & Uploaded as videos
22	ENV400: Environmental Economics	In Progress
23	ENV400: Introduction	Completed & Uploaded as videos

4th Year of B. Sc. (Honours) (Environmental Science) same as 1st year of M.Sc. (Environmental Science) Programme

S/N	Course Code & Name	MSU Completion Status
Semester VII and VIII		
1	ENV400/ENV500: Environmental Science and Environmental Biology	Completed & Uploaded as videos
2	ENV400/ENV500: Natural Resources and Their Conservation	Completed & Uploaded as videos
3	ENV400/ENV500: Sustainability and Conservation	Completed & Uploaded as videos
4	ENV400/ENV500: Lab Activities on ENV400, ENV400 & ENV400	Completed & Uploaded as videos
5	ENV400/ENV500: Forest Management	Completed & Uploaded as videos
6	ENV400/ENV500: Environmental Education, Policy & Legislation	Completed & Uploaded as videos
7	ENV400/ENV500: Management of Water Resources	Completed & Uploaded as videos
8	ENV400/ENV500: Environmental Chemistry	Completed & Uploaded as videos
9	ENV400/ENV500: Environmental Geoinformatics & Computer Applications	Completed & Uploaded as videos



YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY

SCHOOL OF SCIENCES

(FOUNDED BY GOVERNMENT OF MAHARASHTRA, MUMBAI & PUNE-2002)



VXXX: B.Sc. (Honours) (Environmental Science)

(Laxay Pathani)

NEP 2020
Compliant
Pattern

EVSC101:
Ecology & Ecosystem

(4 Credits)

SEMESTER I

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ETSCA: Ecology & Zoology**Taiwanese-Chinese Mahachulalongkrajrajavidyalaya Open University****Vice-Chancellor: Prof. Sanjiv Sasmal****School of Sciences****Director of the School: Dr. Chetana Kumbhar****Programme Advisory Committee Members****Ph.D. & Postgraduate Studies (Ecology & Zoology) 2022-2023**

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Developmental Team

International Institution: Editor	Home Institution	Book Editor	Book Editor
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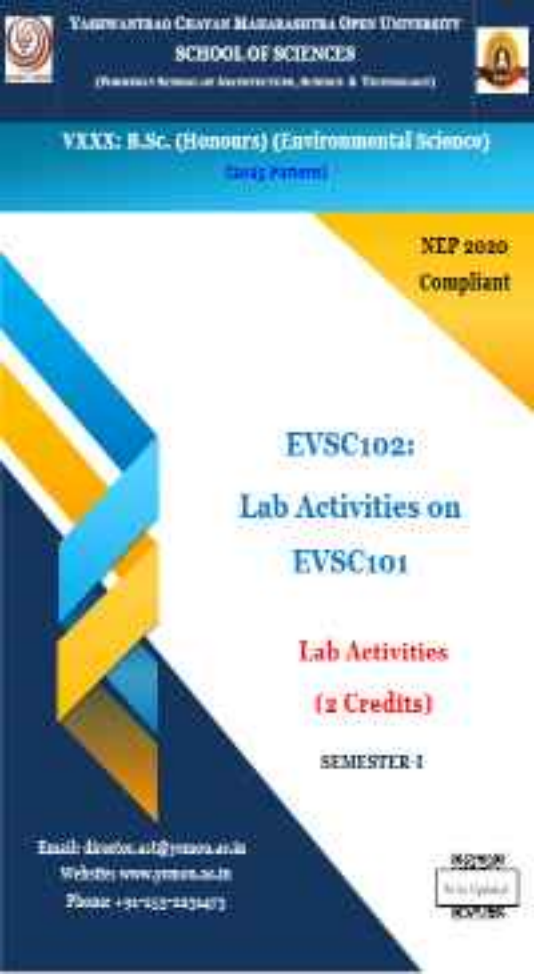
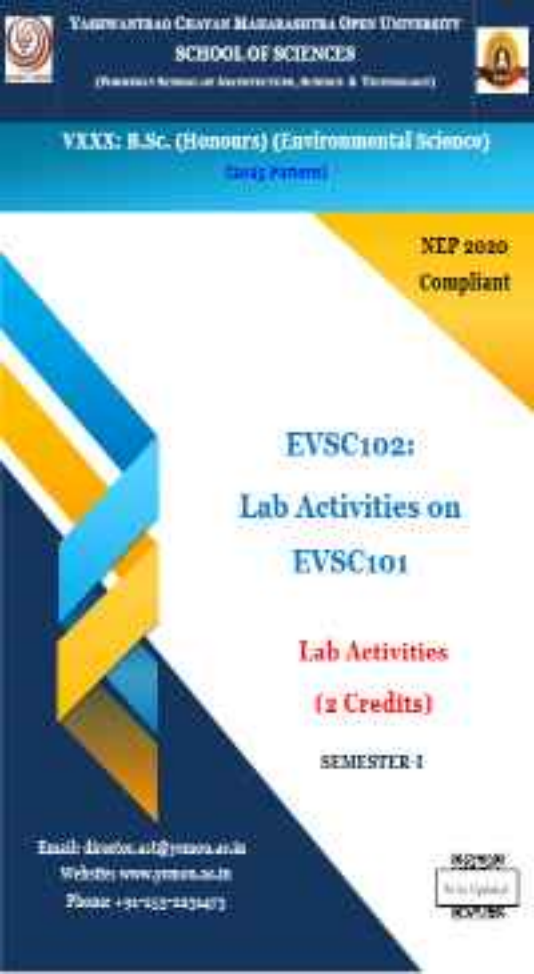
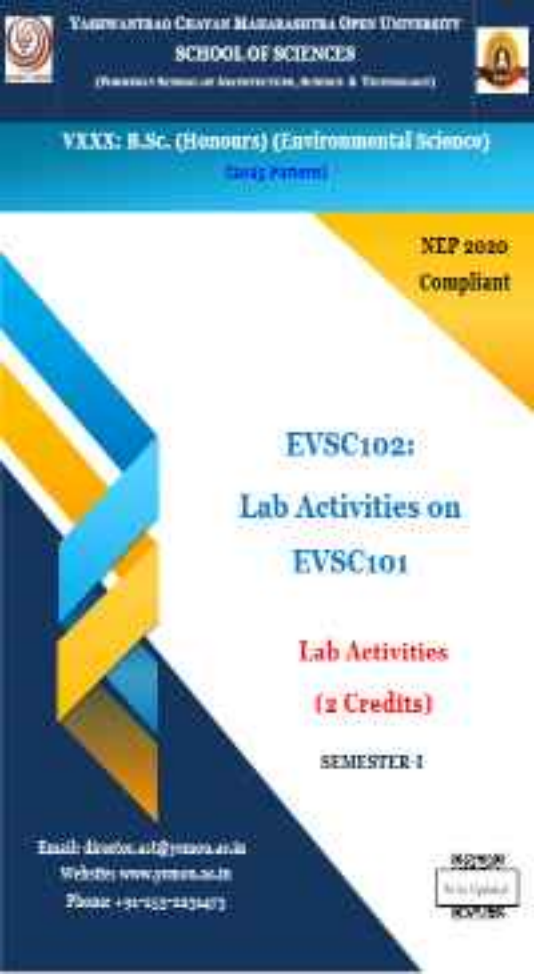
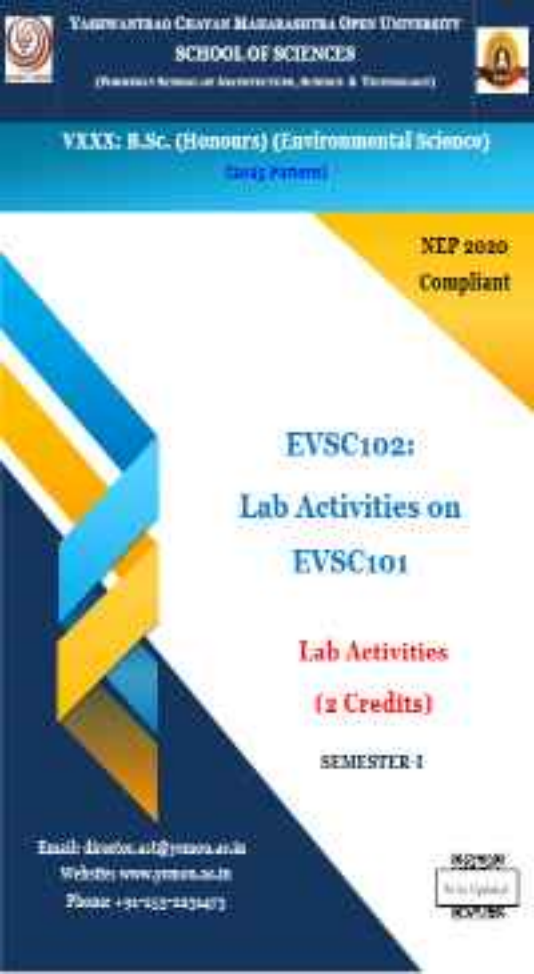
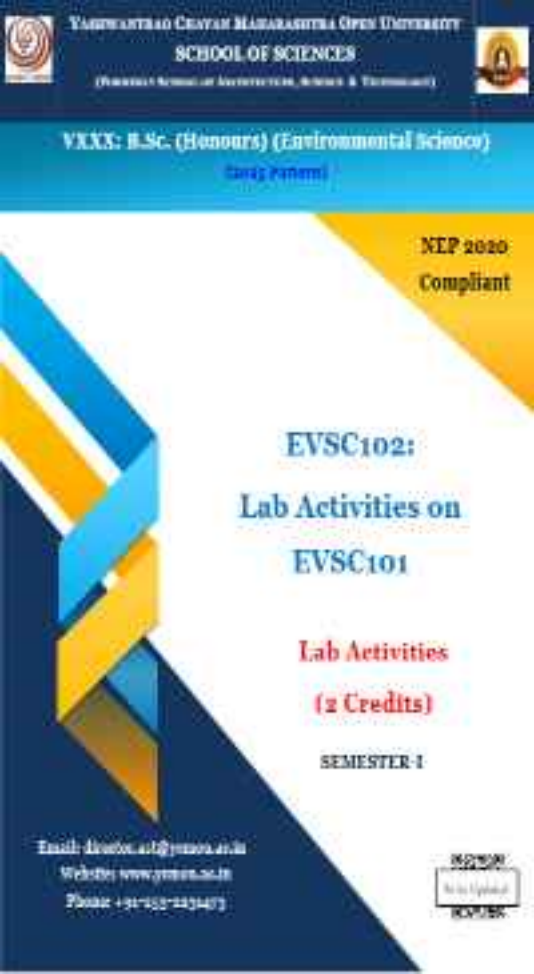
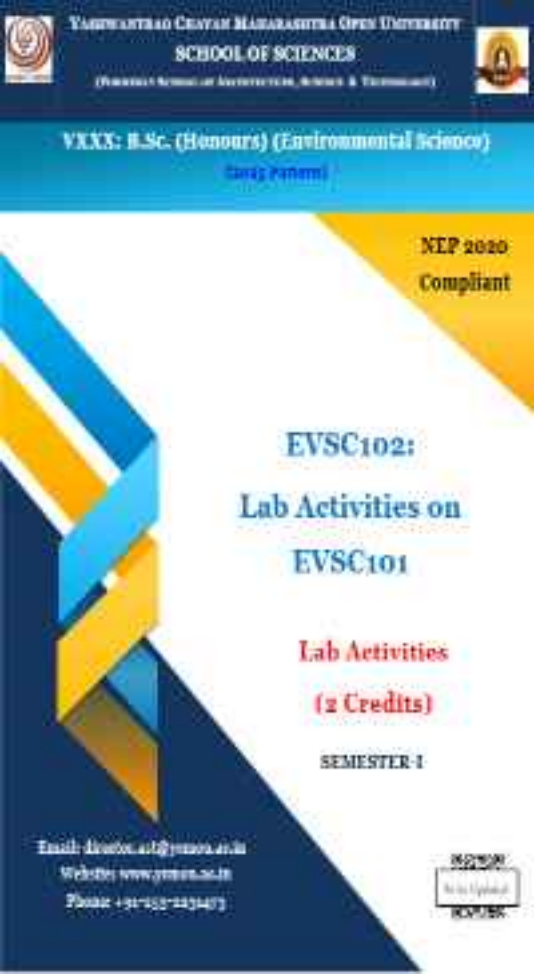
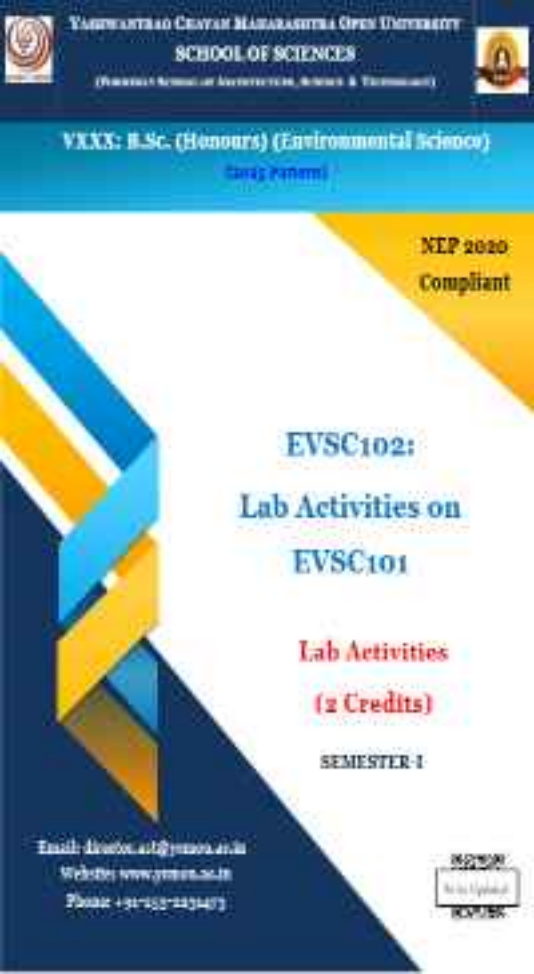
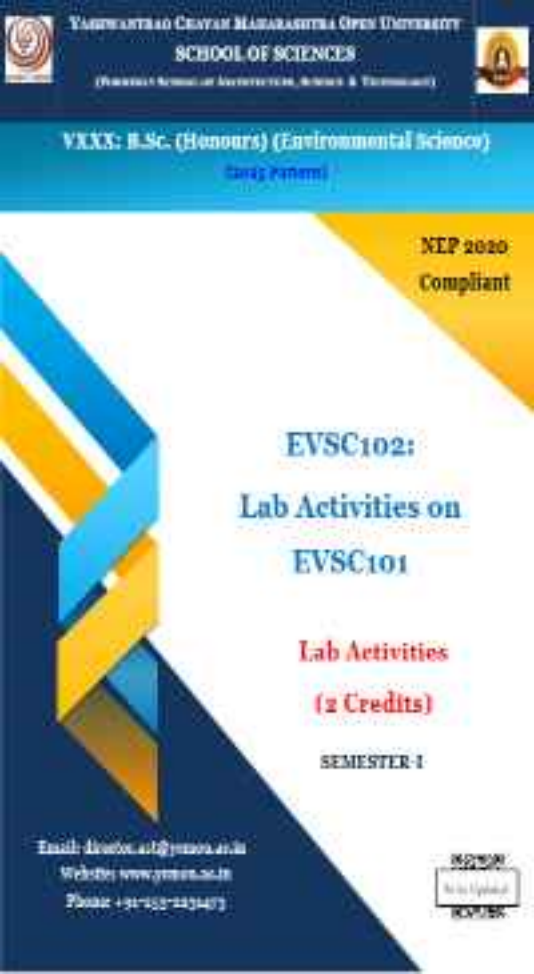
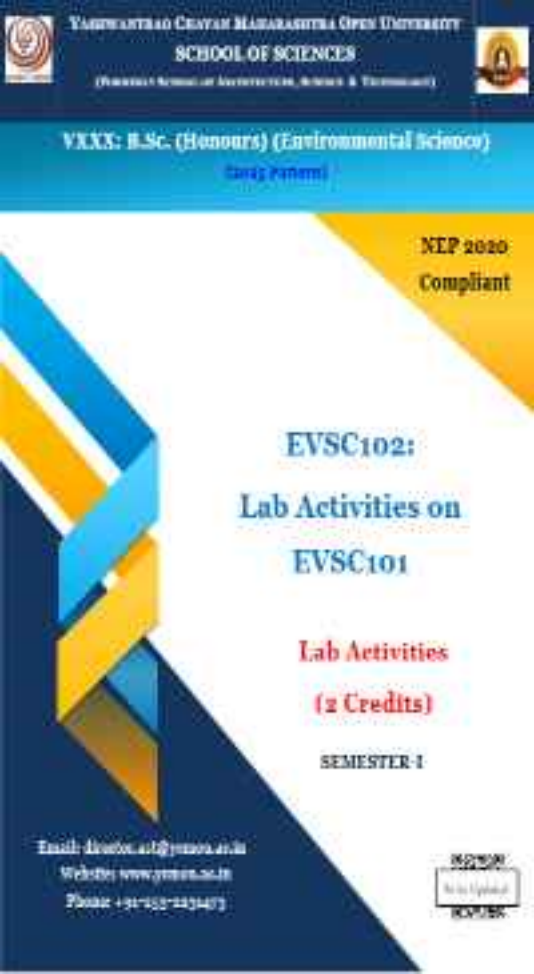
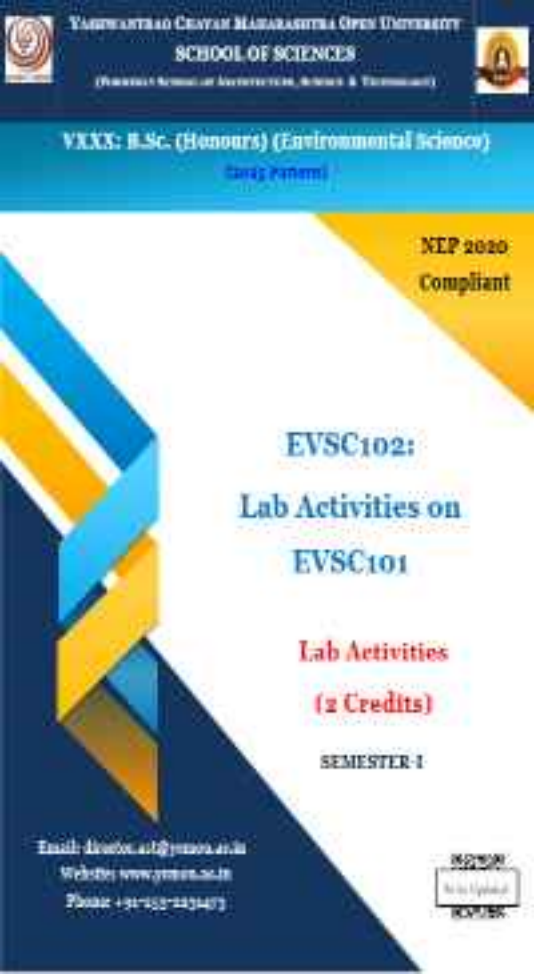
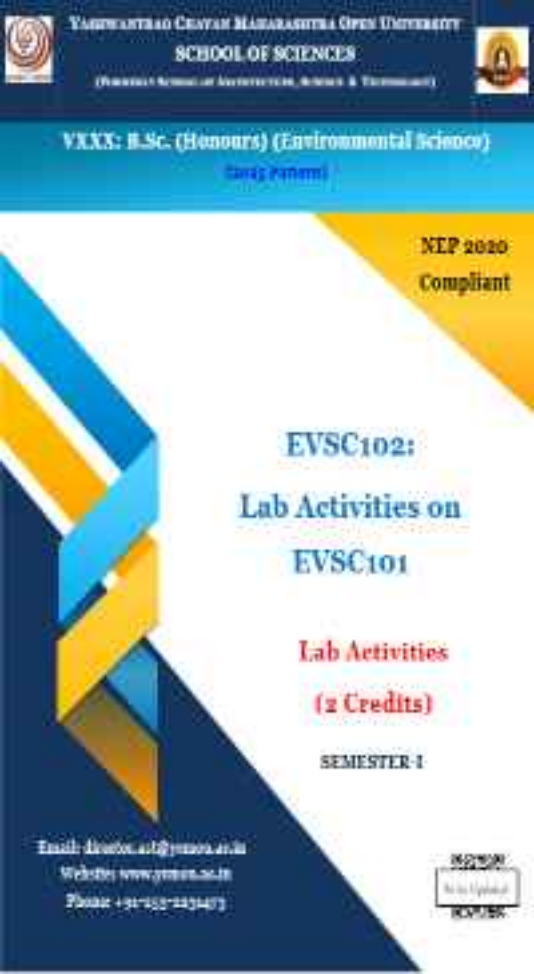
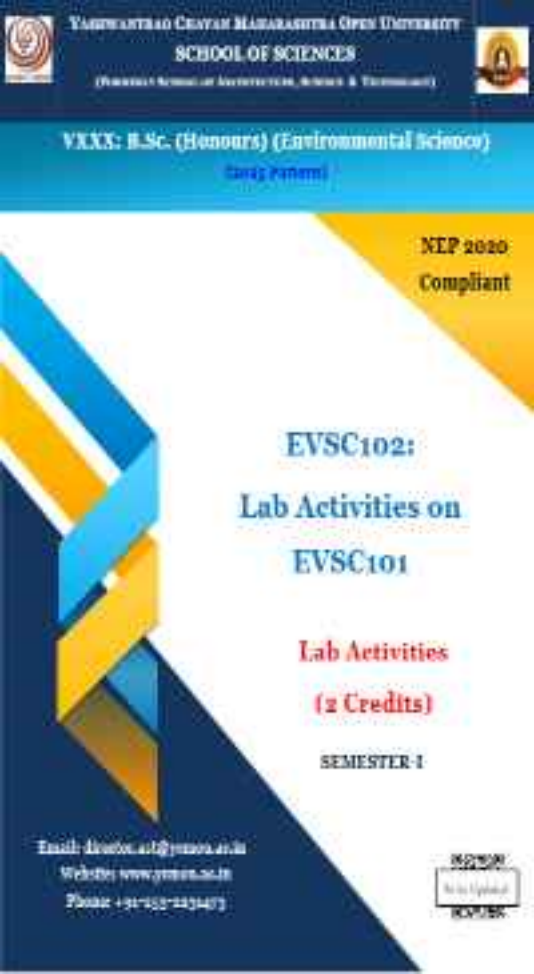
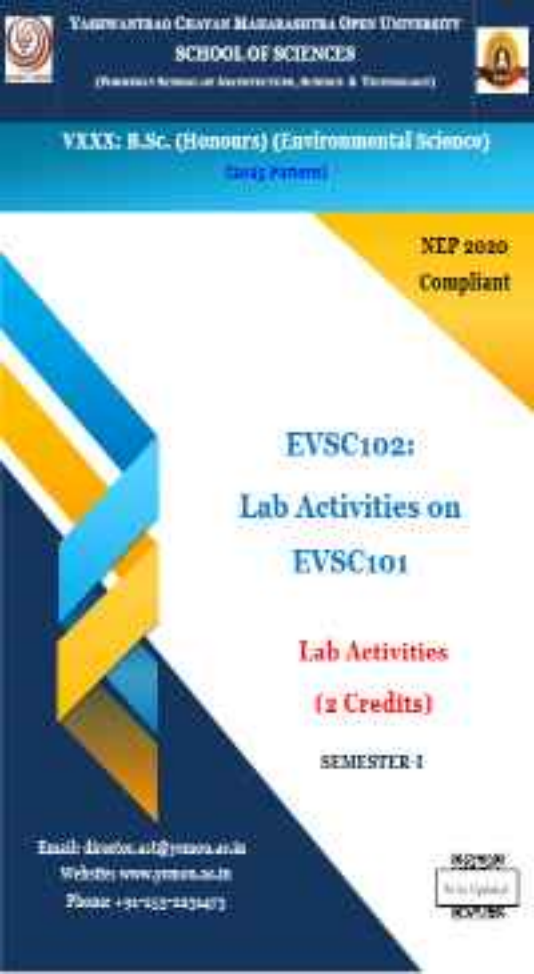
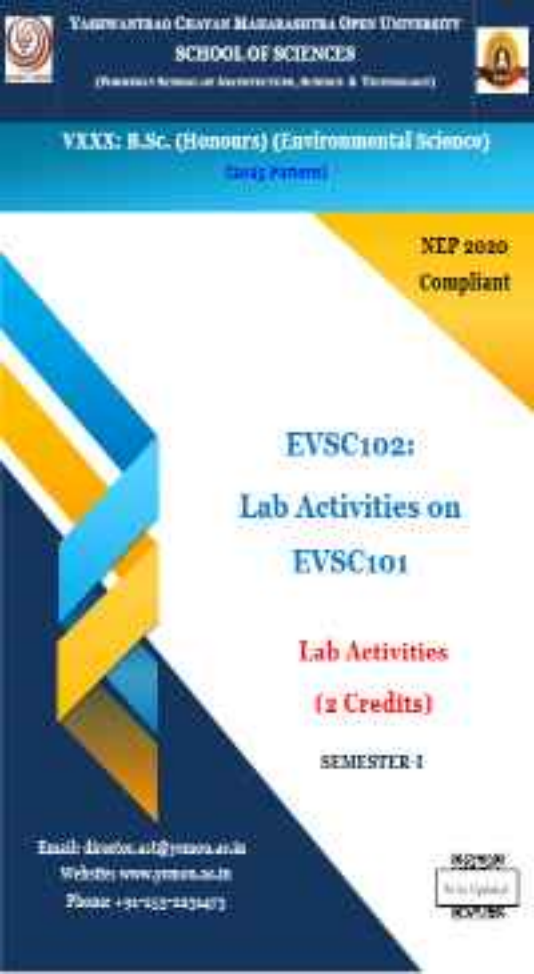
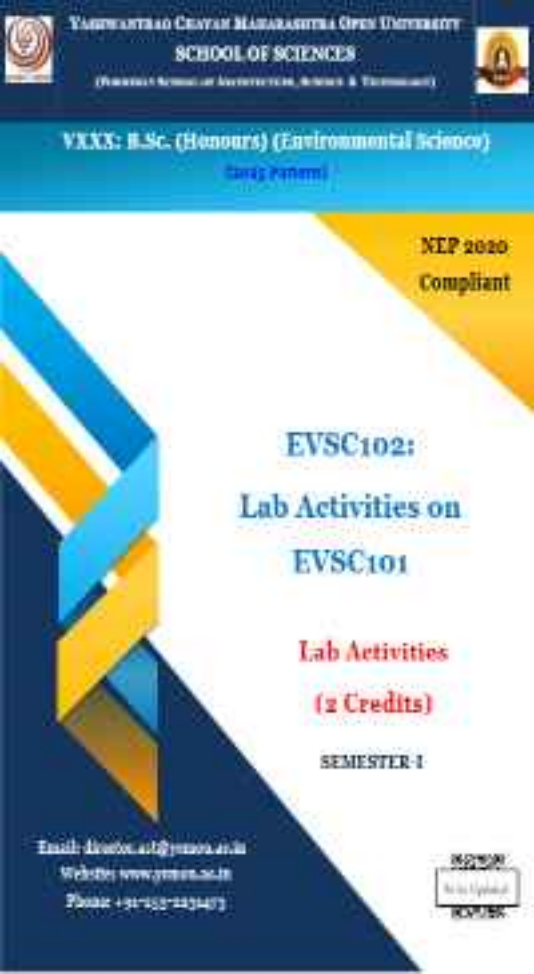
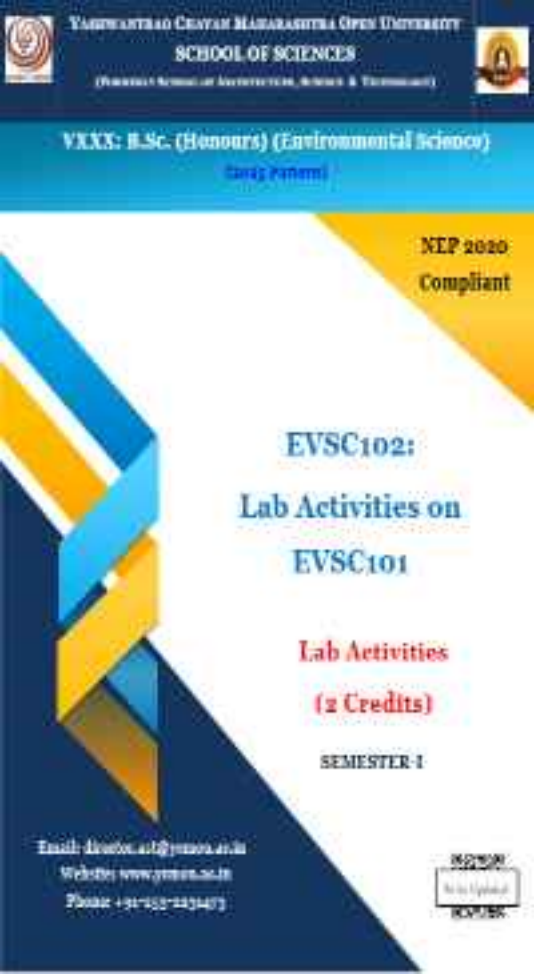
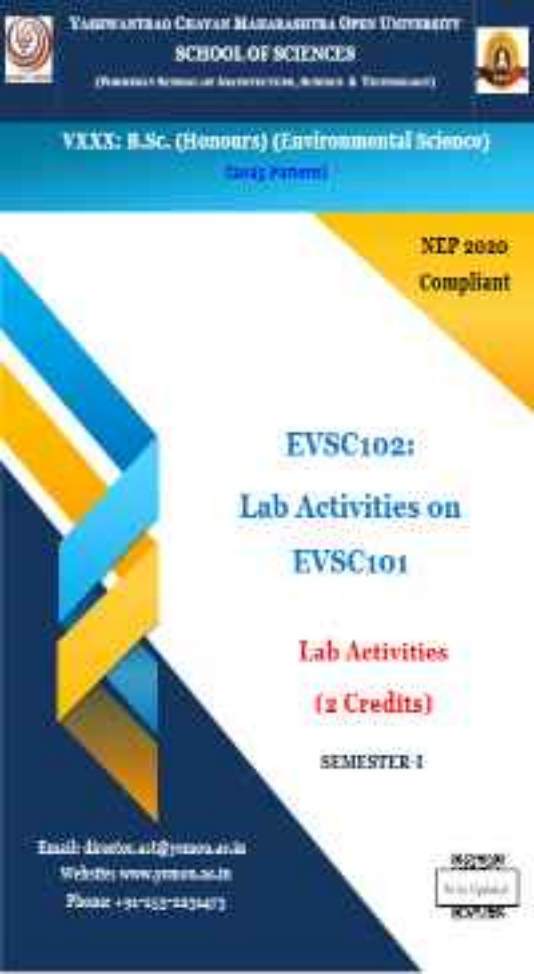
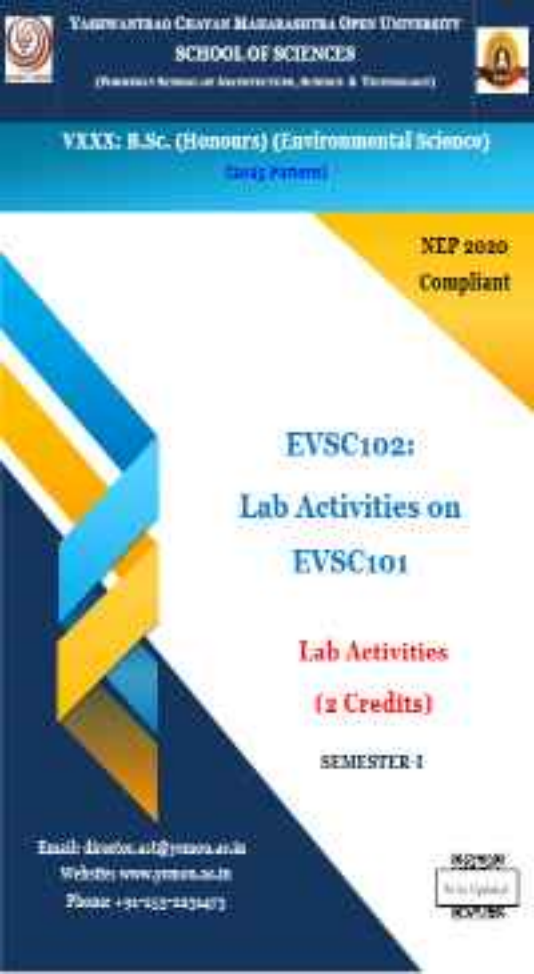
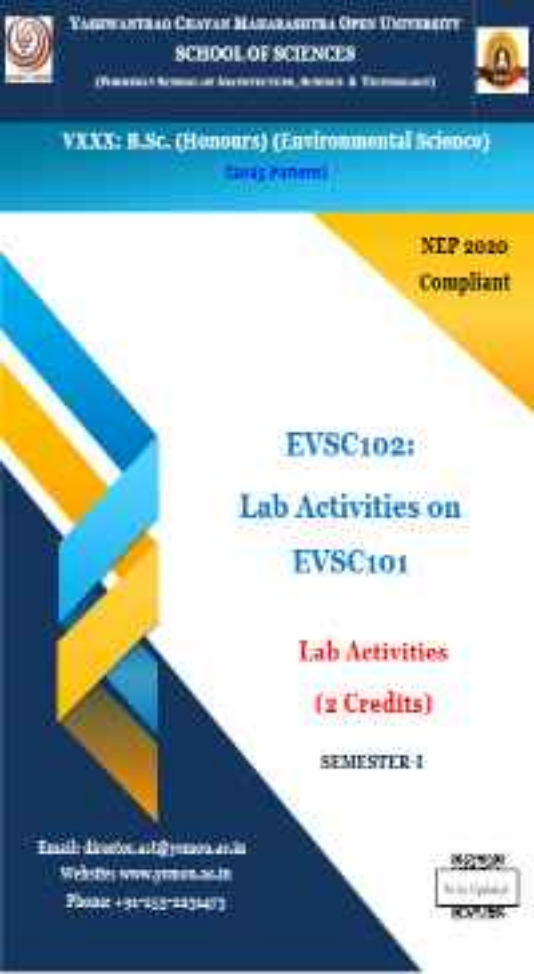
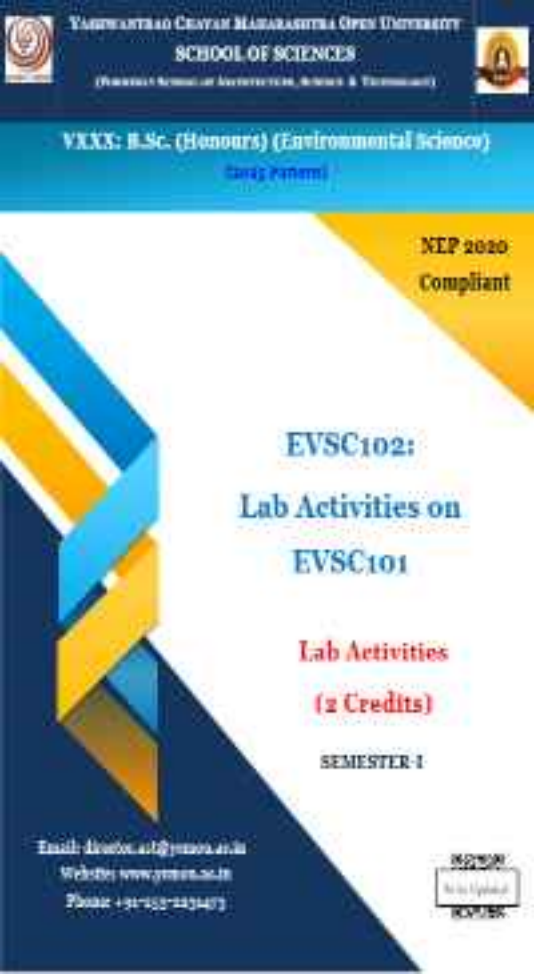
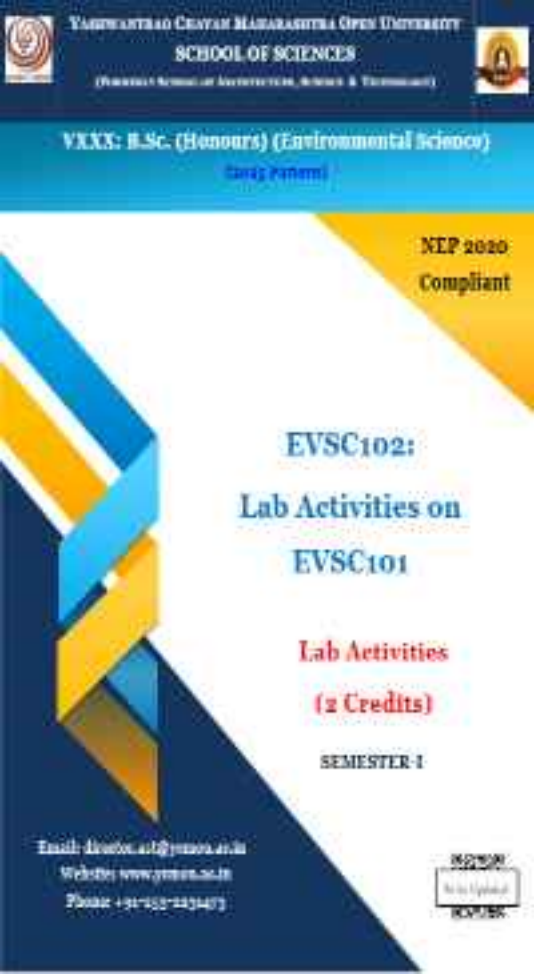
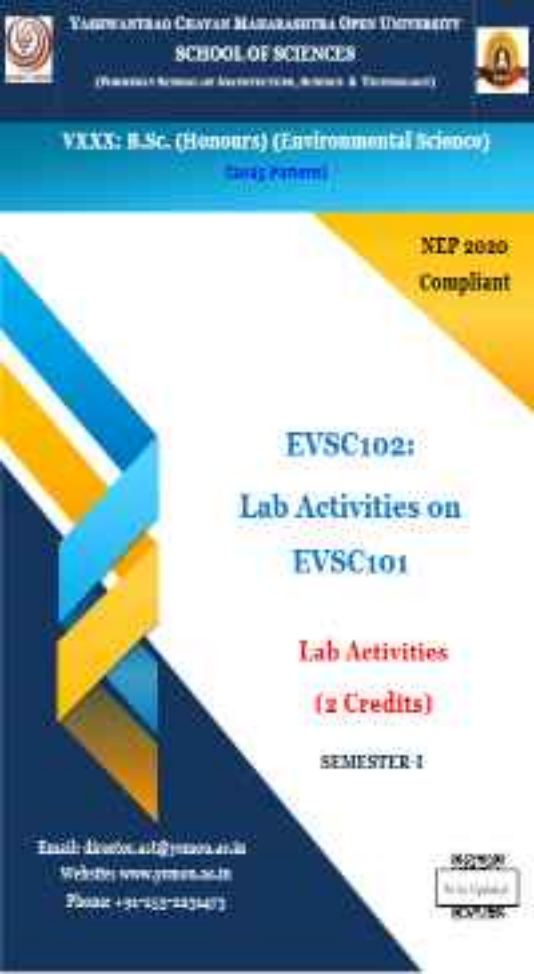
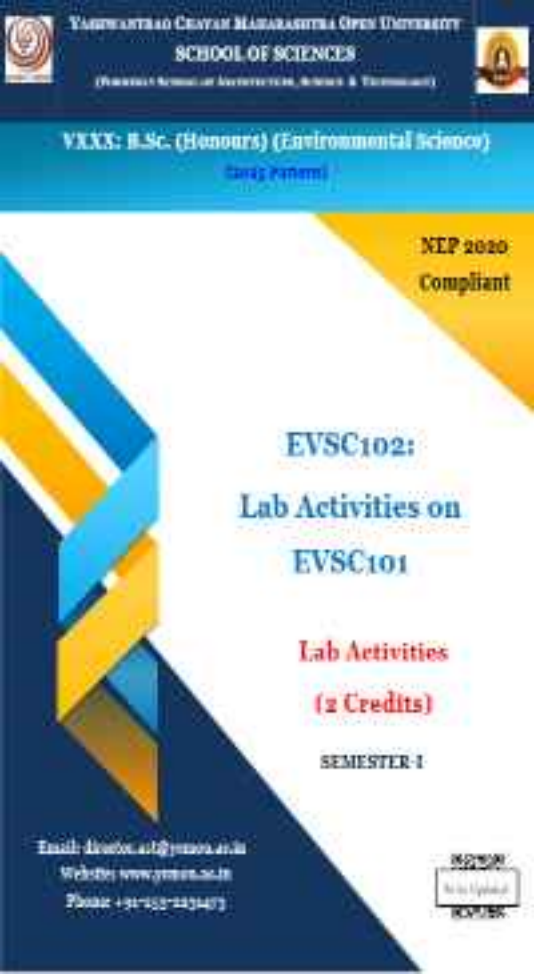
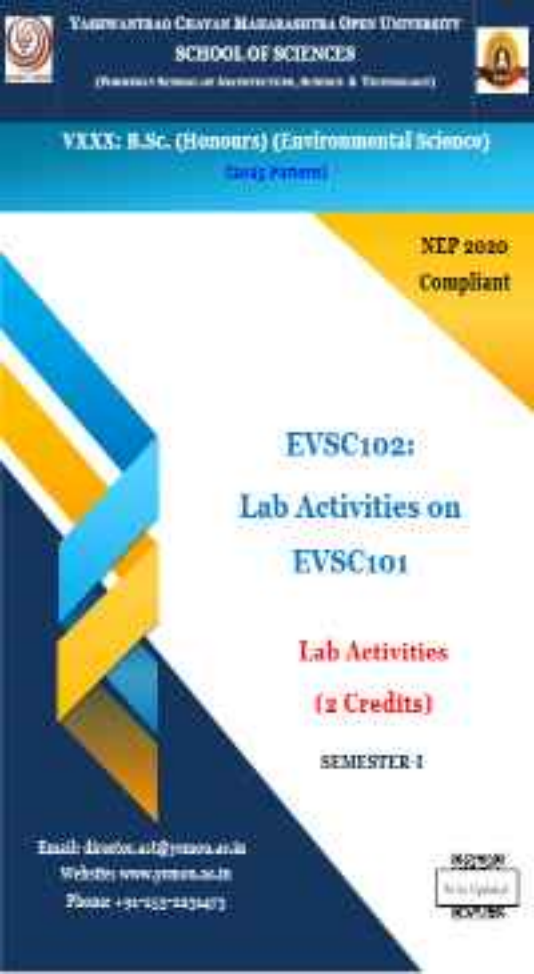
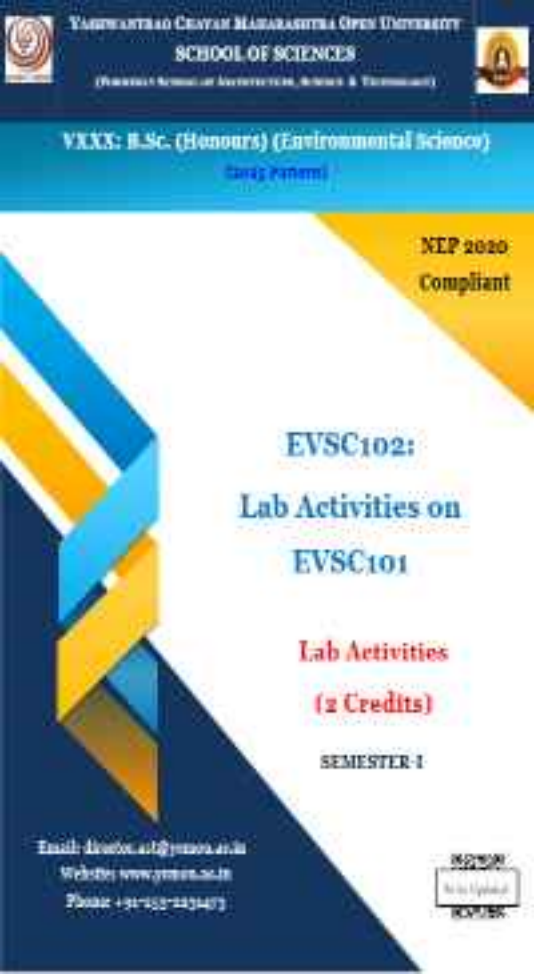
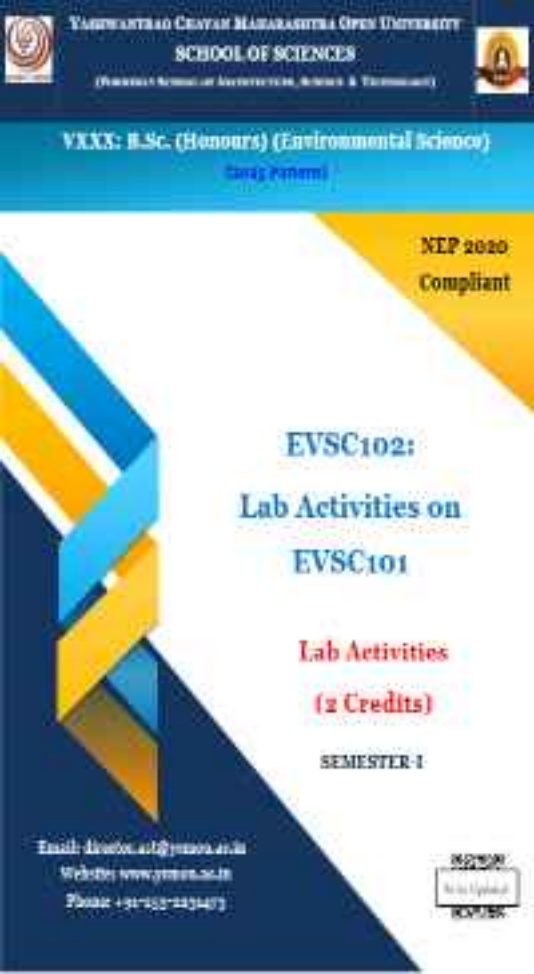
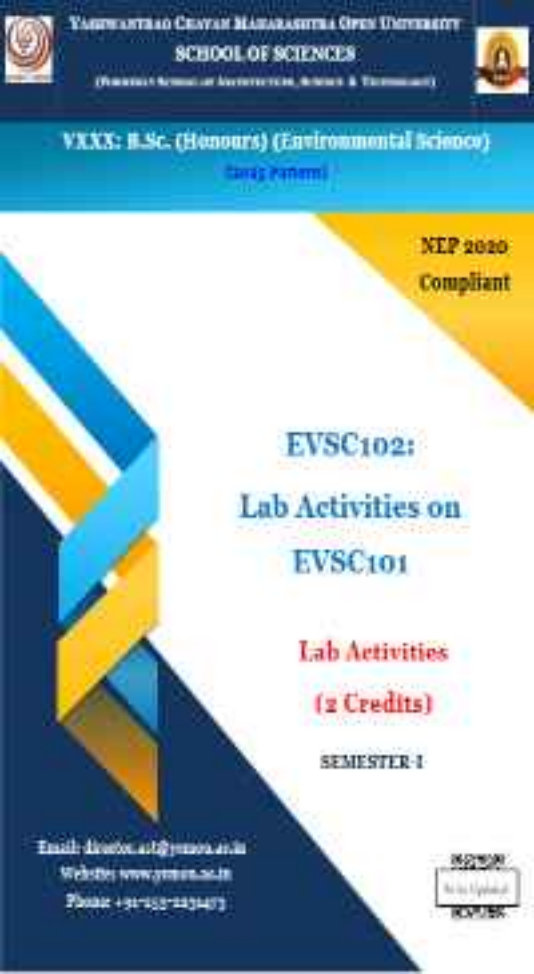
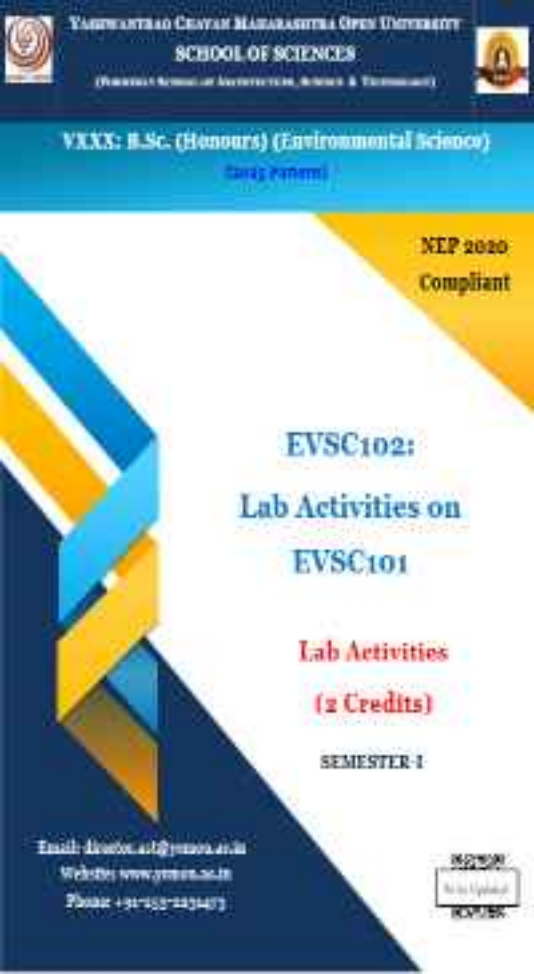
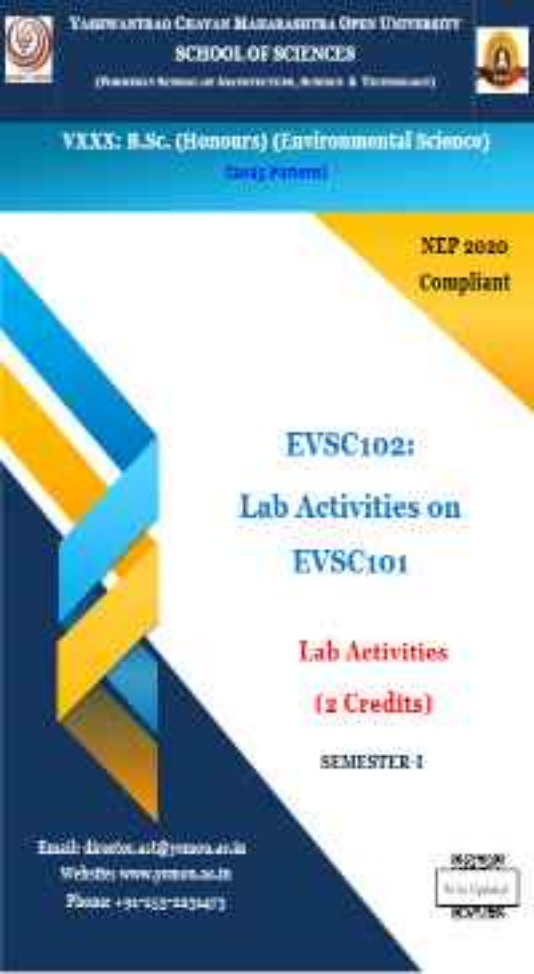
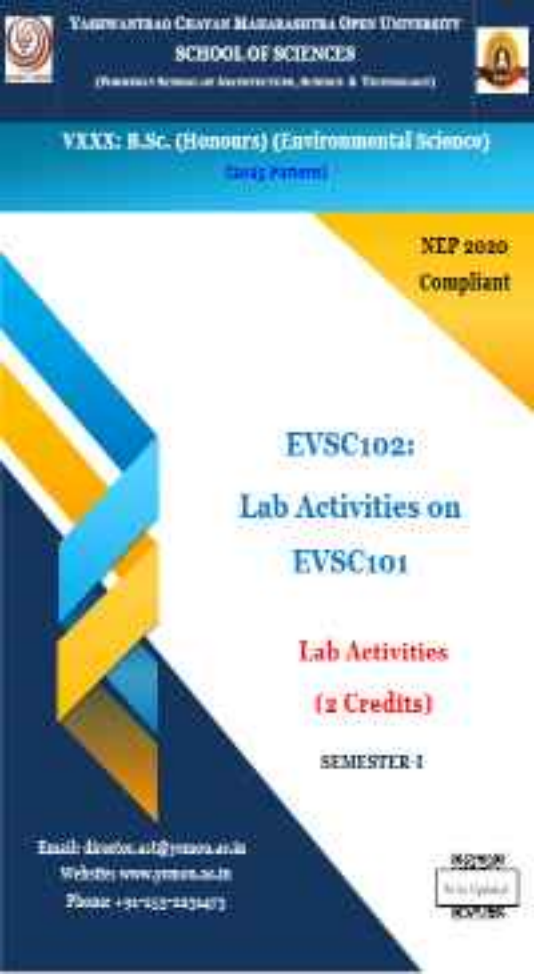
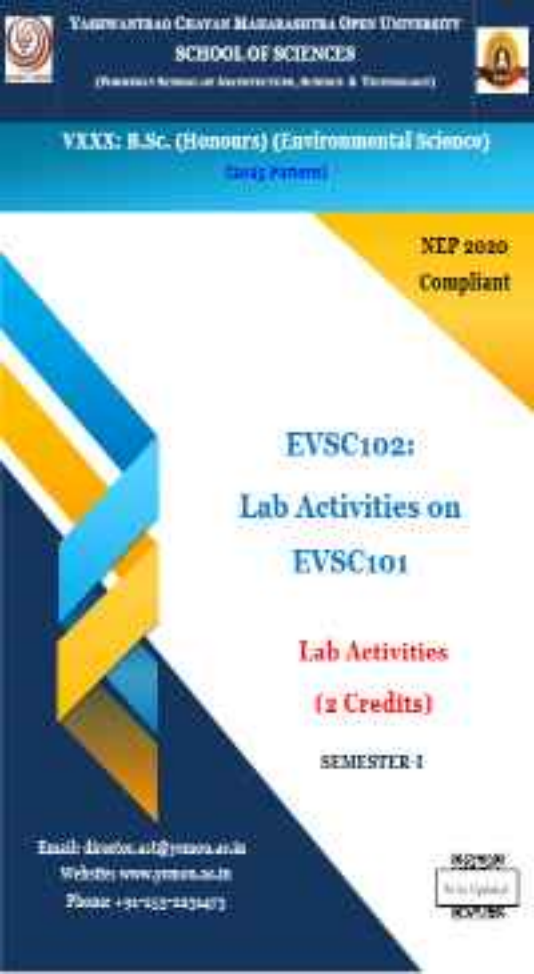
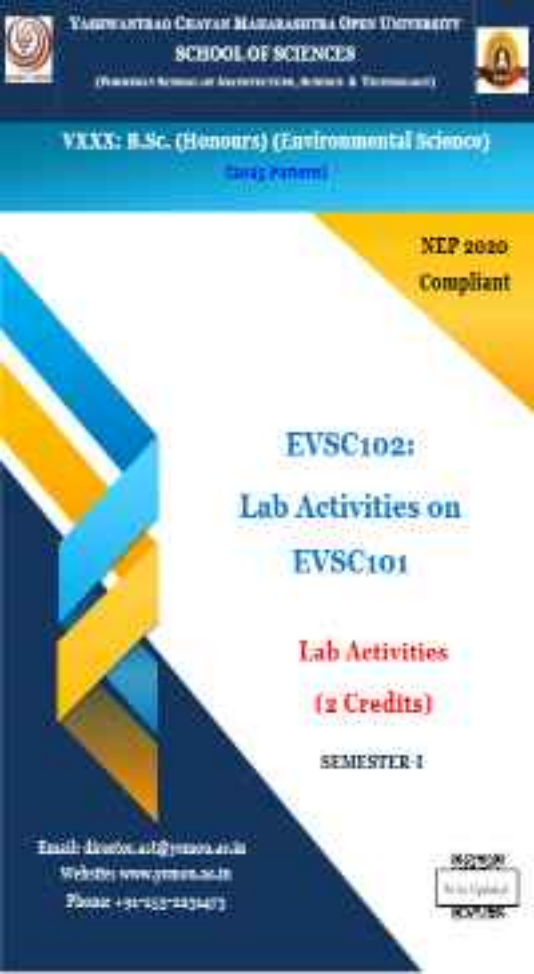
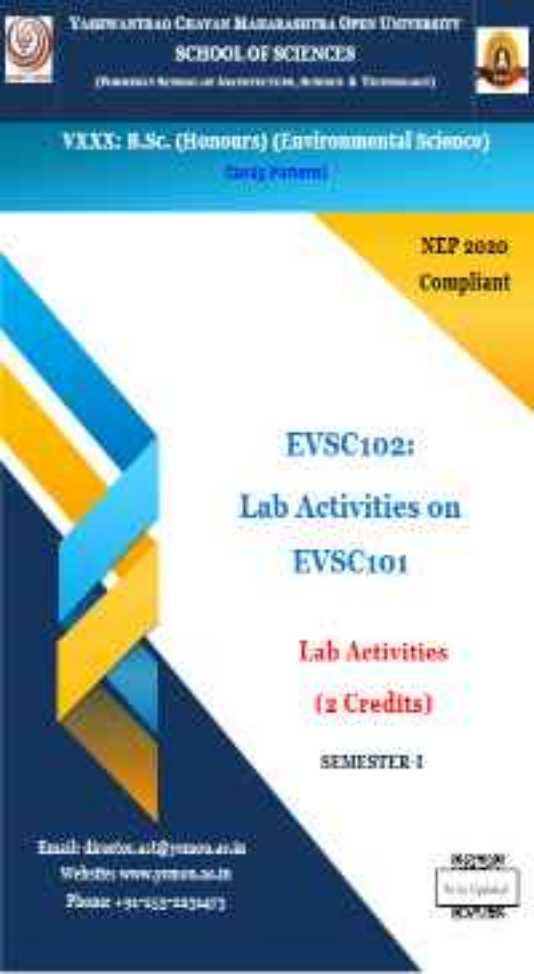
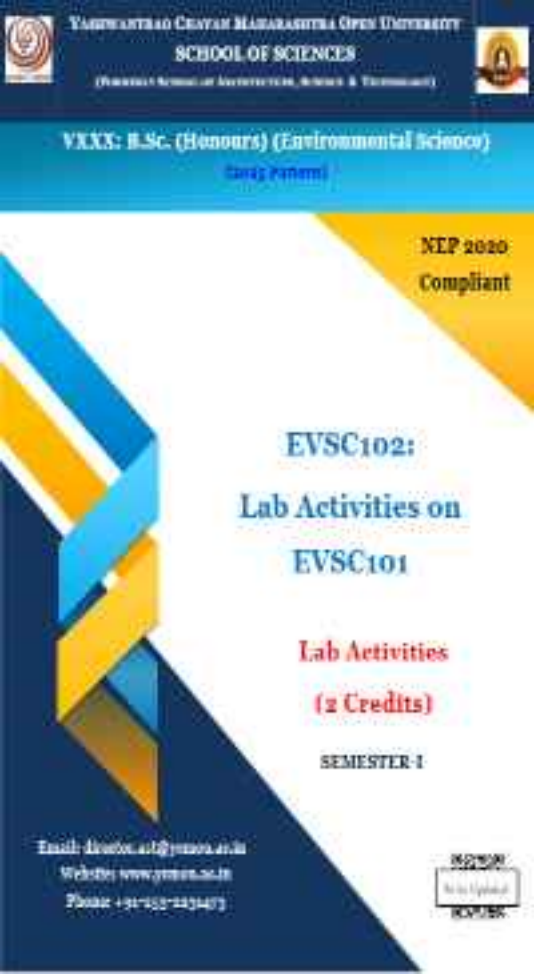
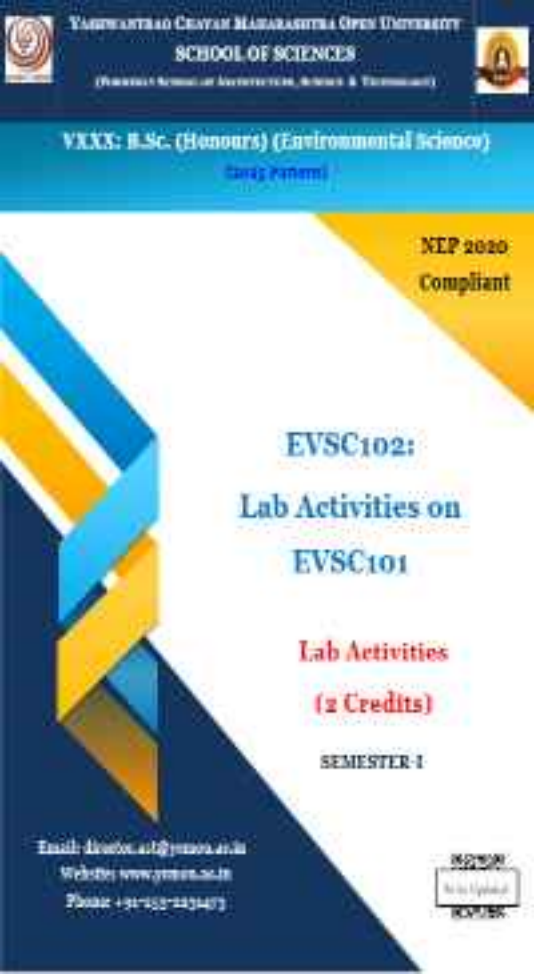
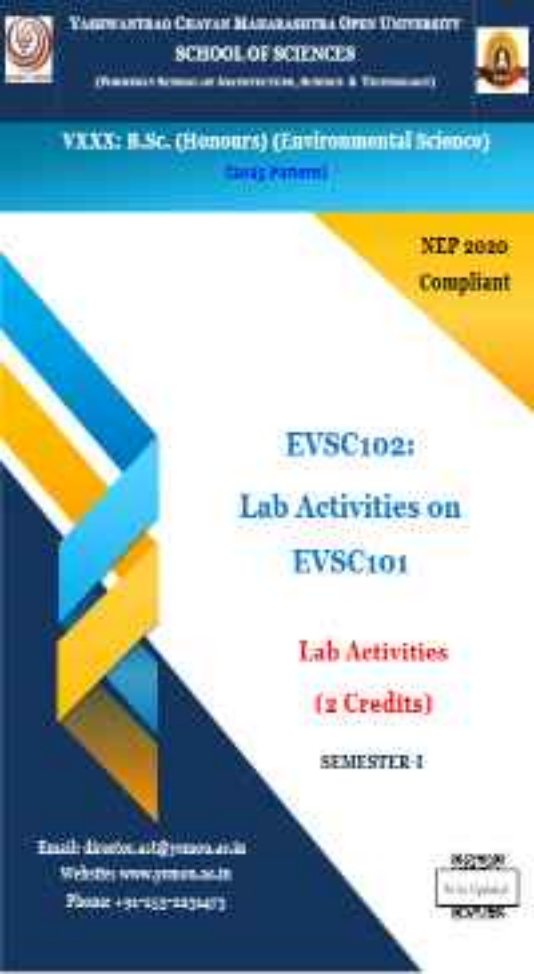
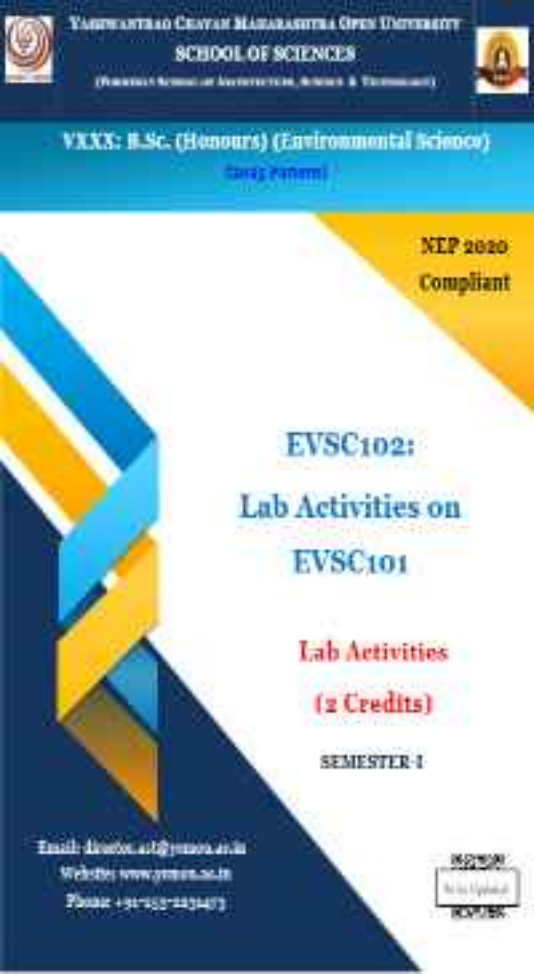
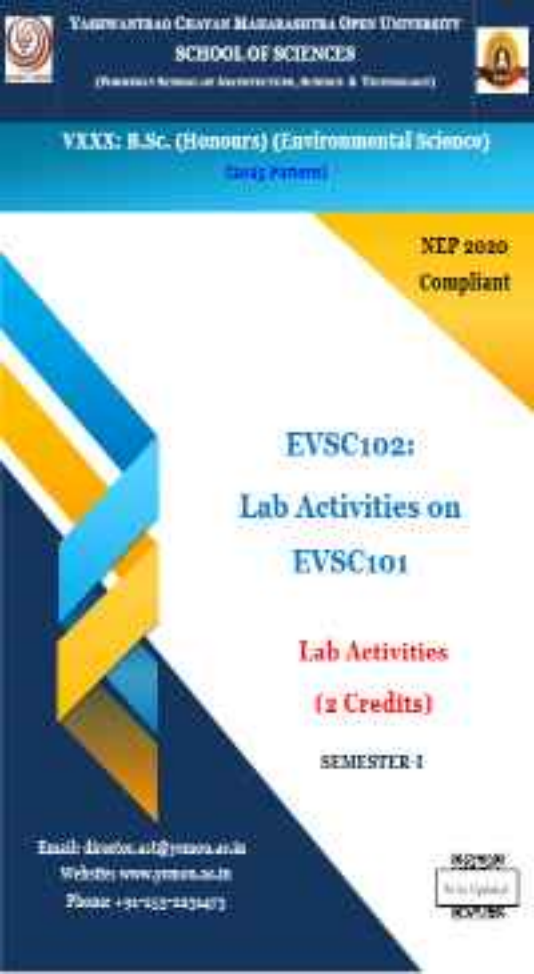
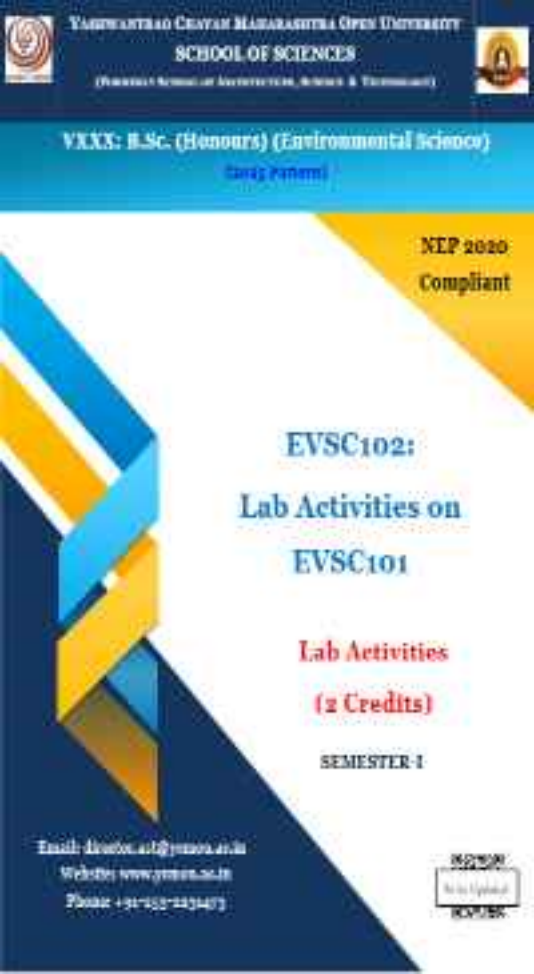
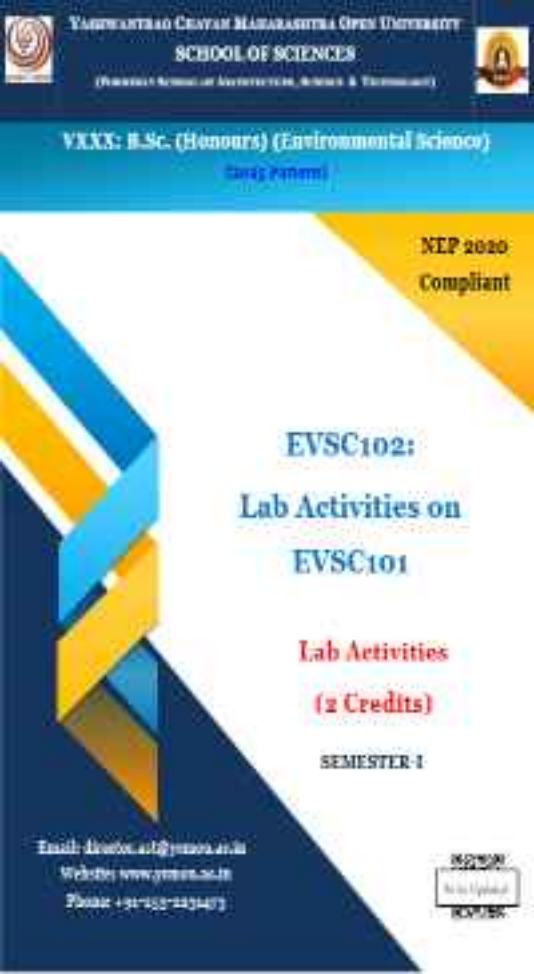
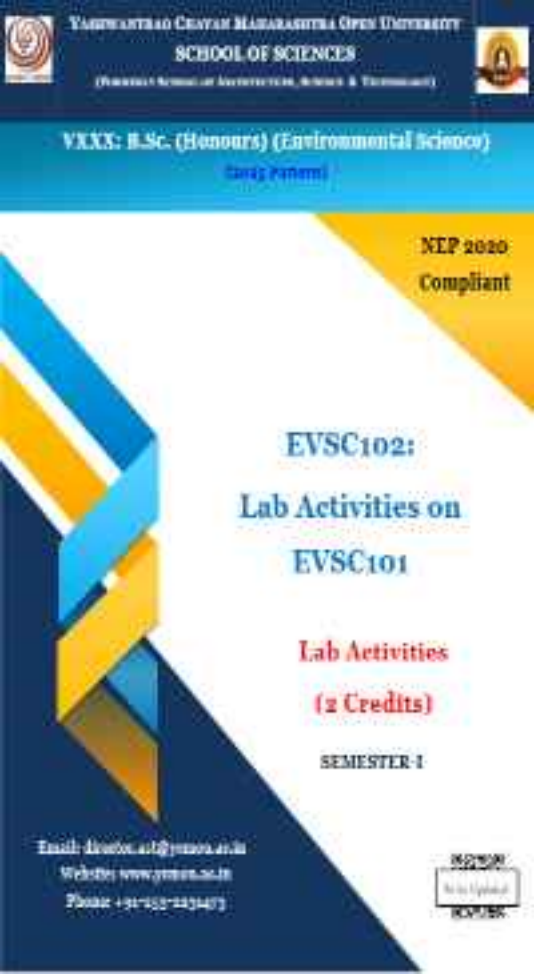
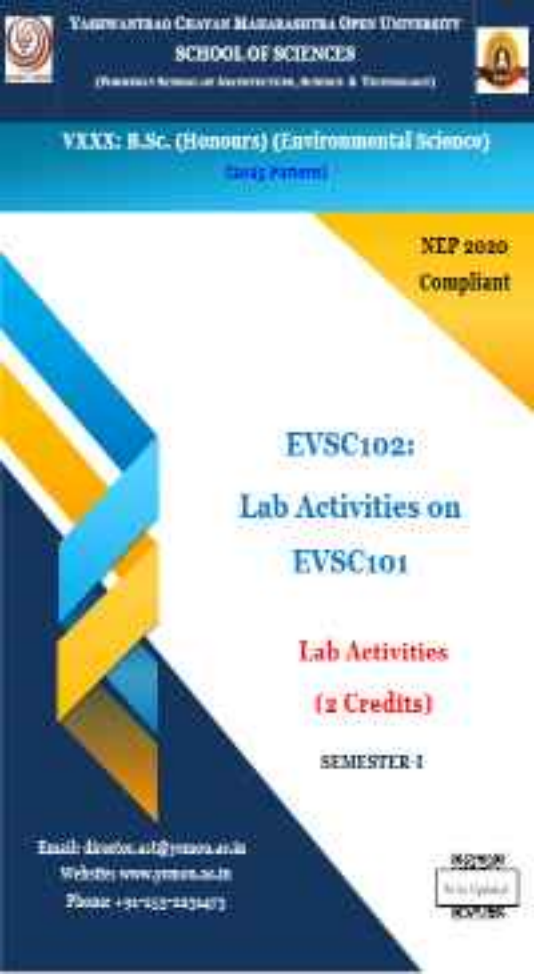
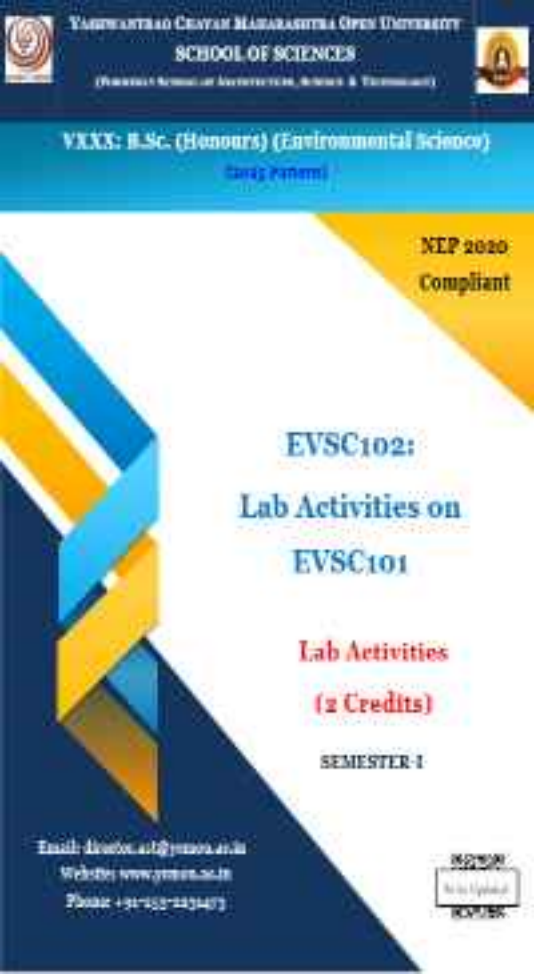
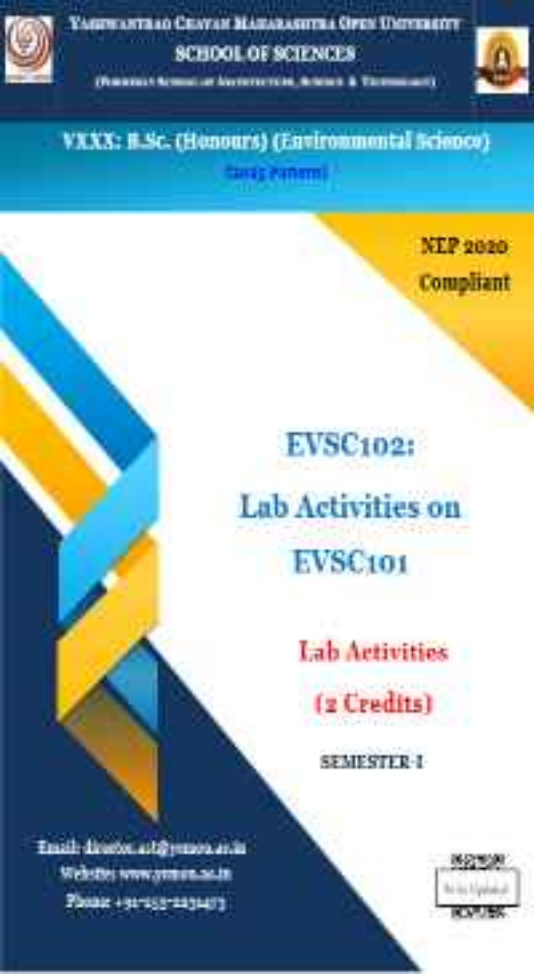
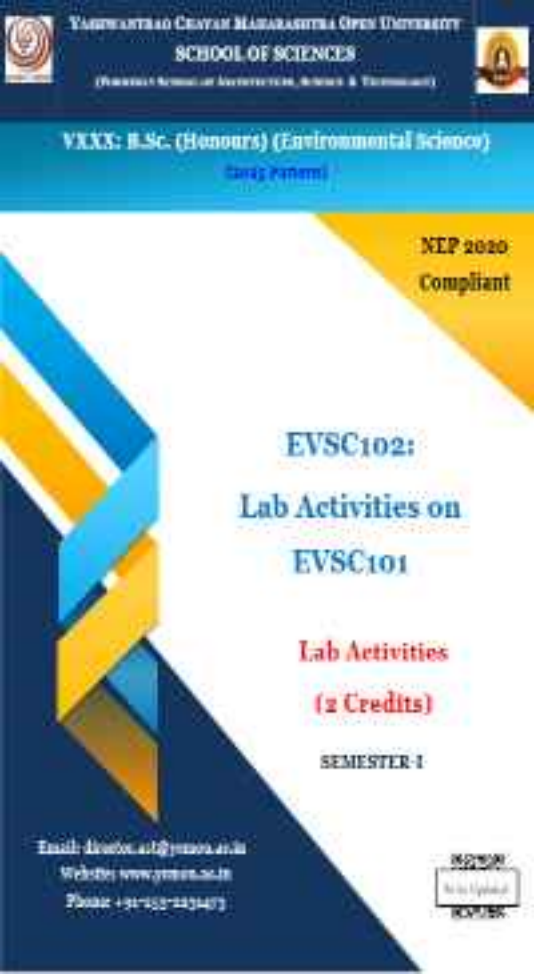
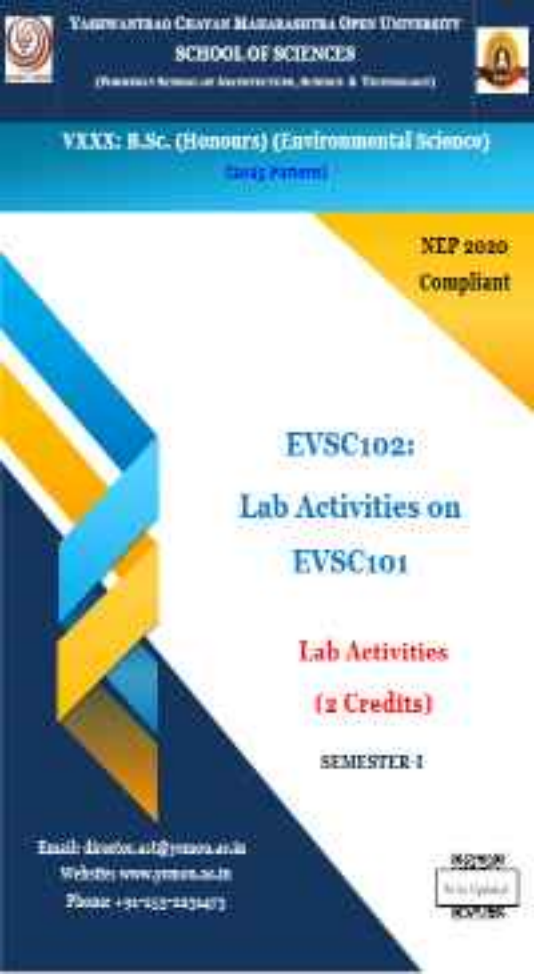
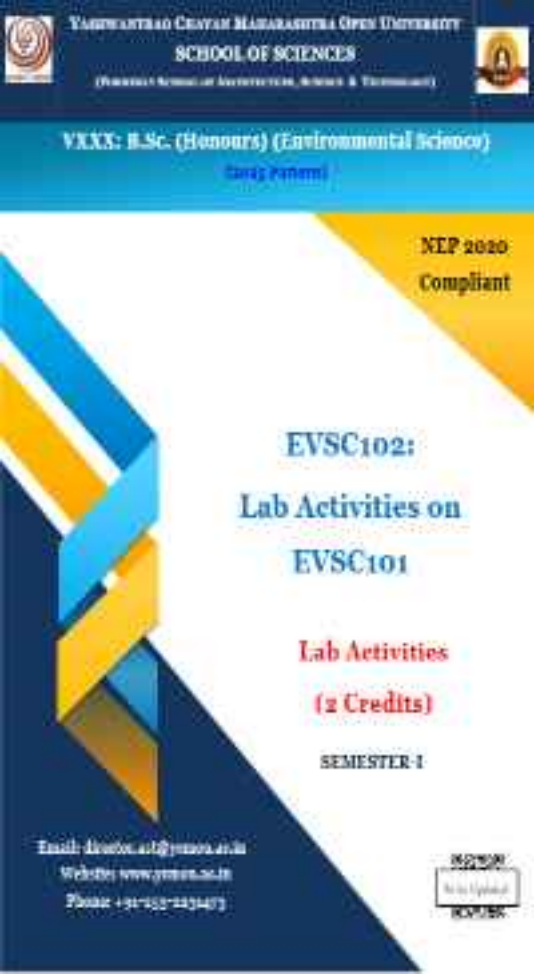
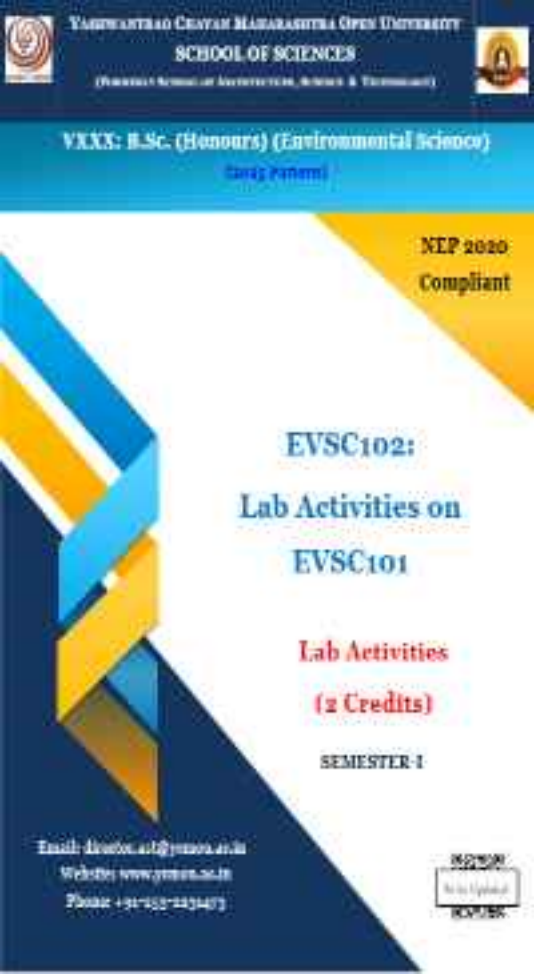
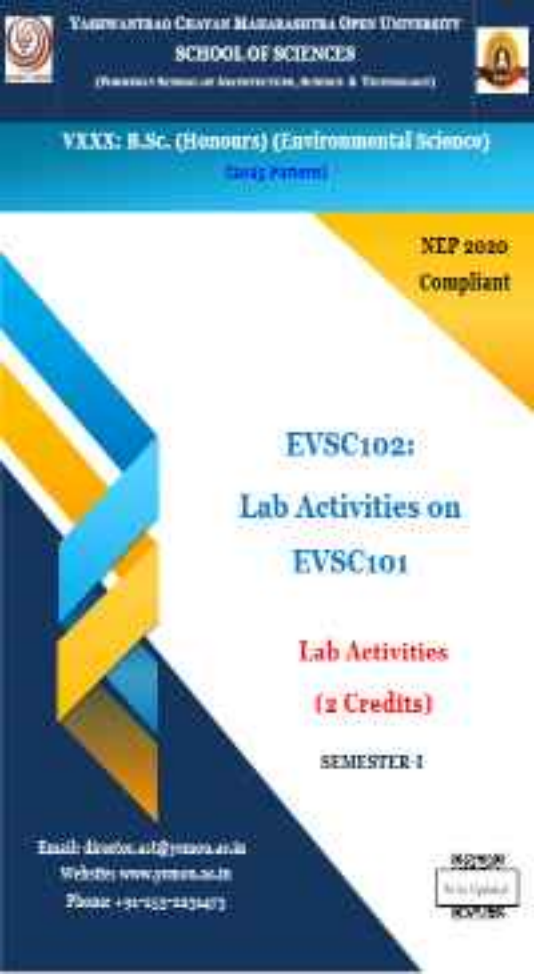
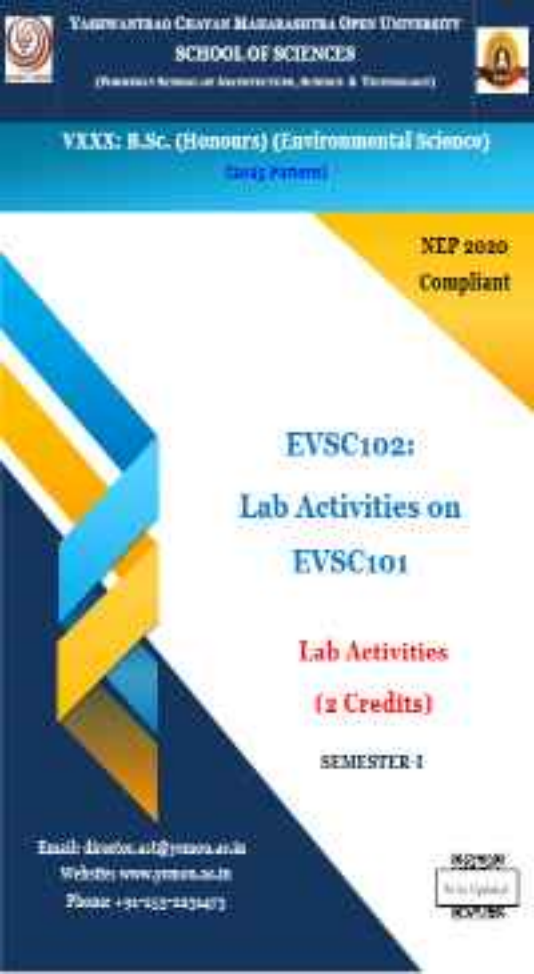
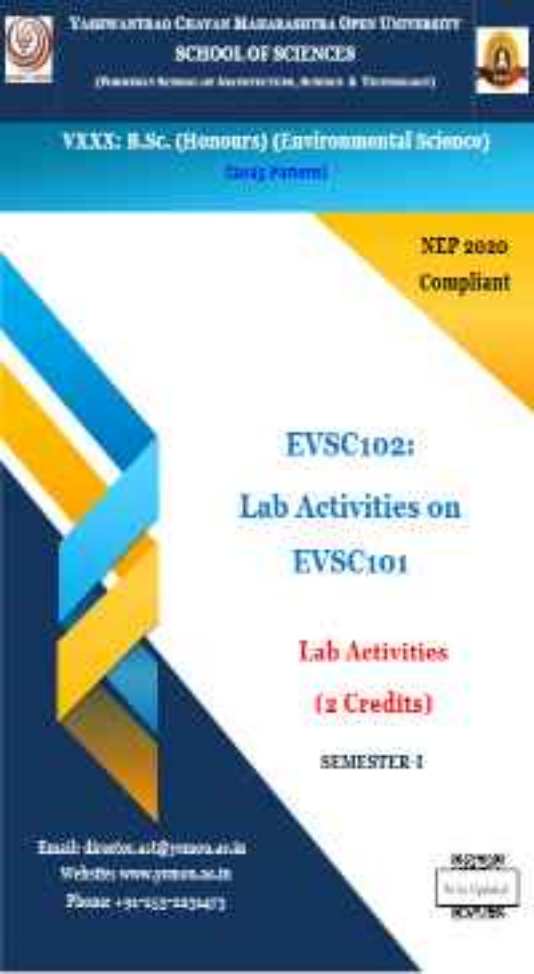
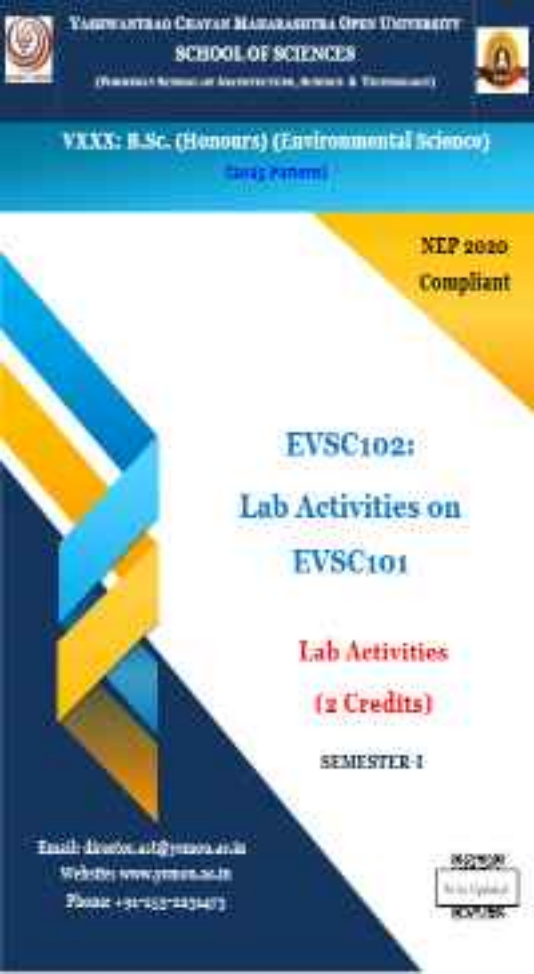
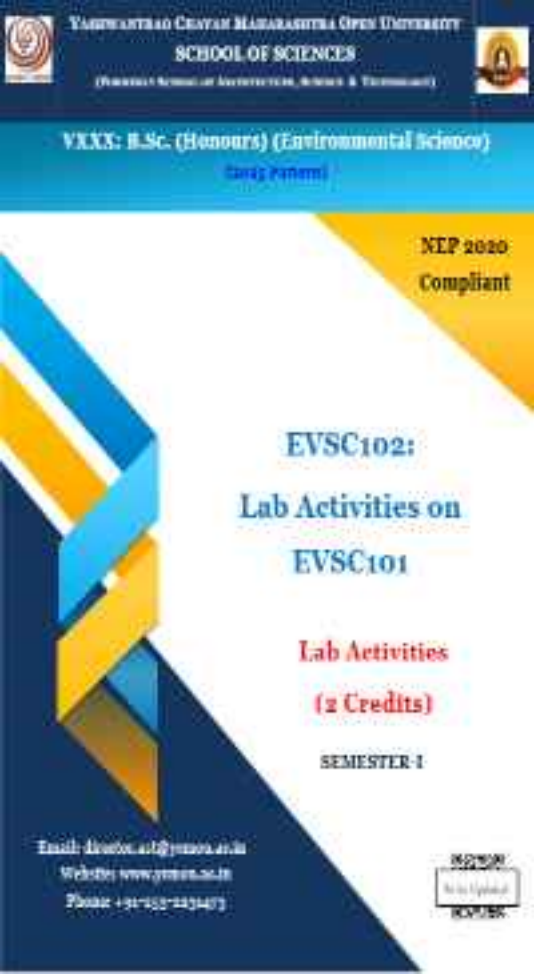
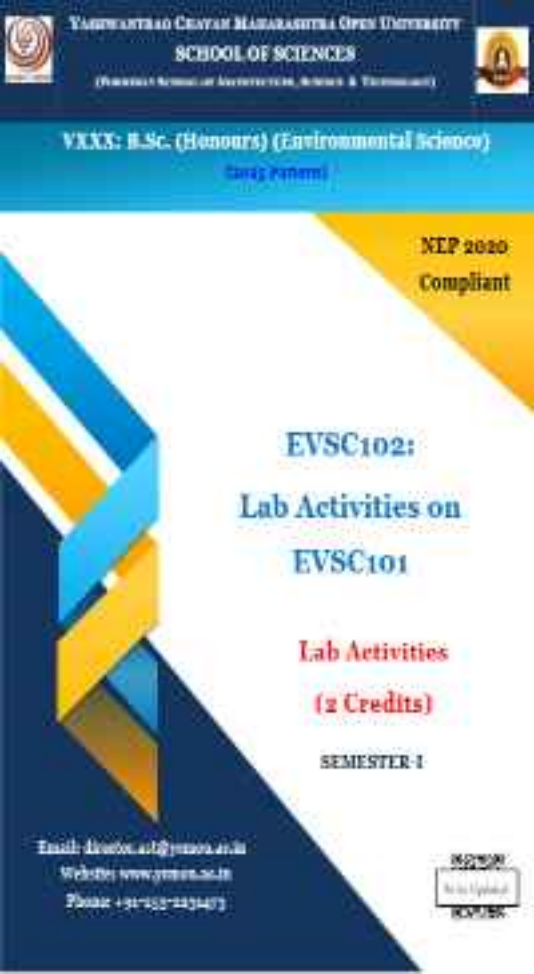
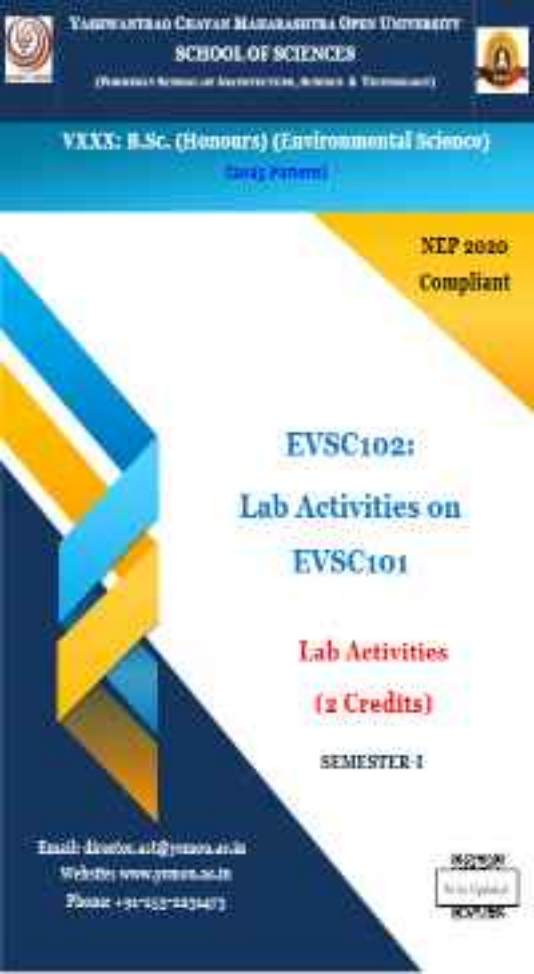
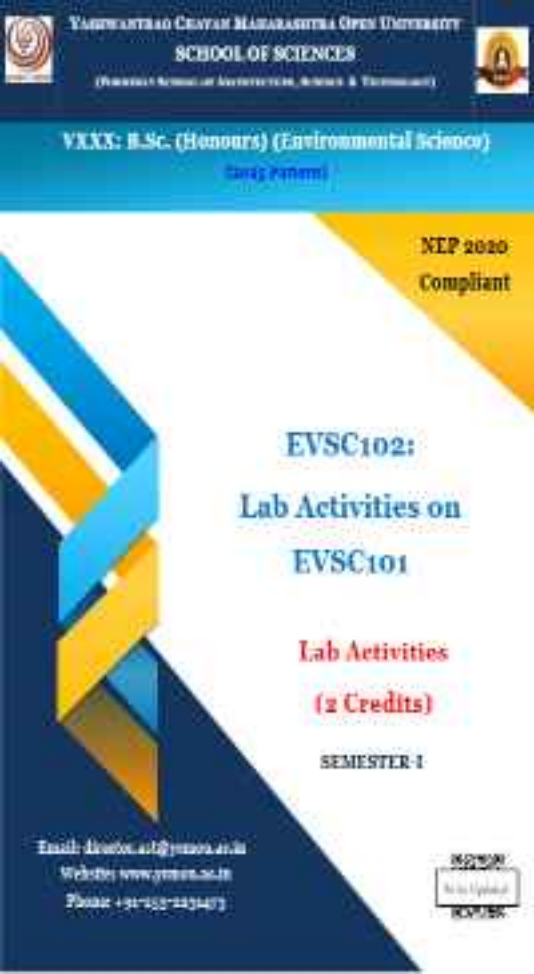
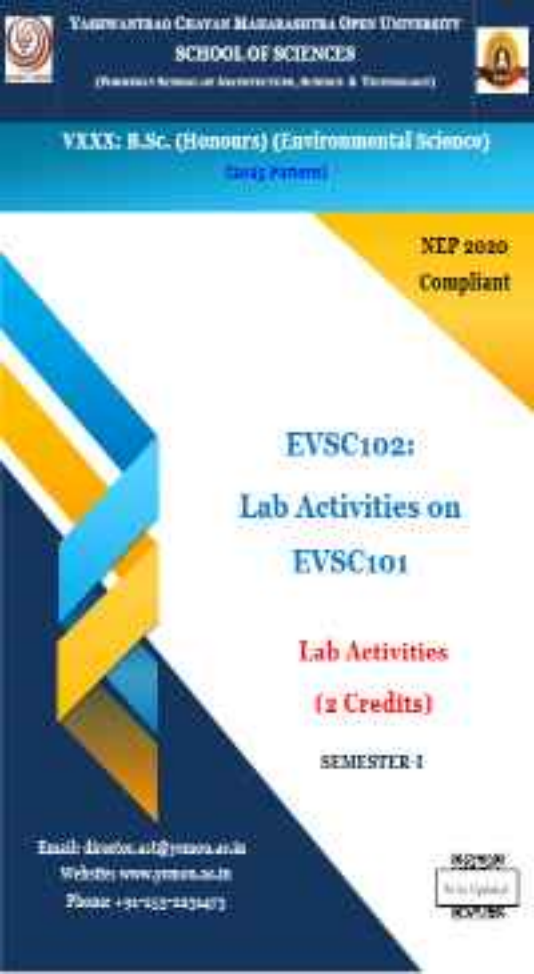
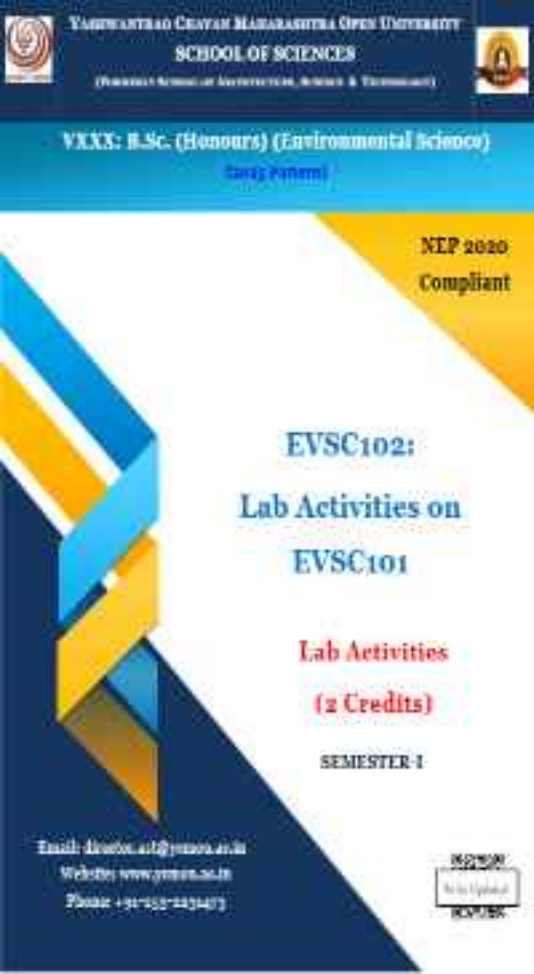
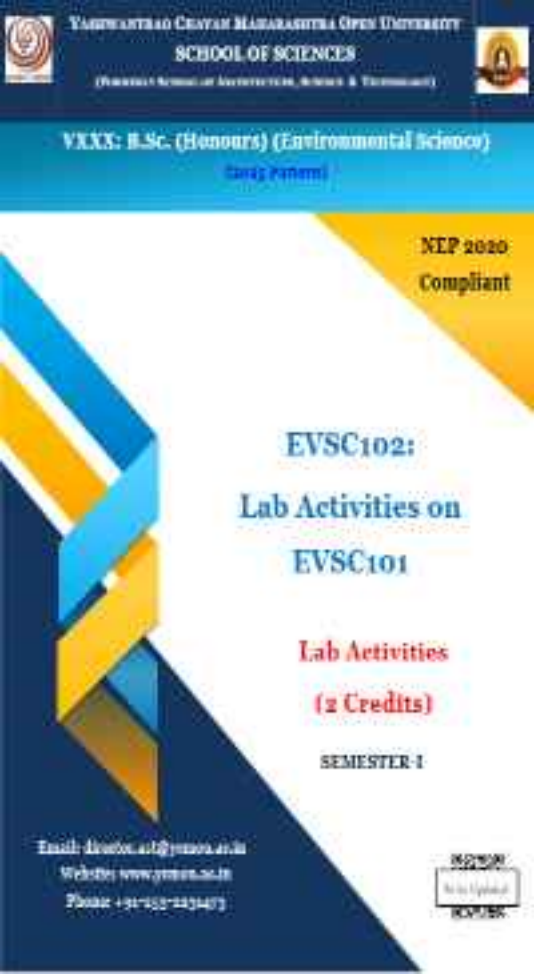
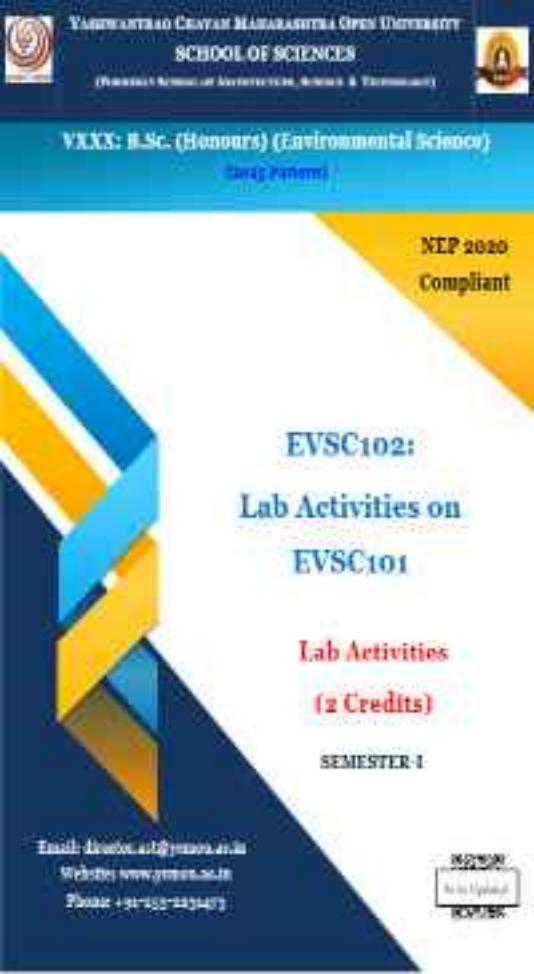
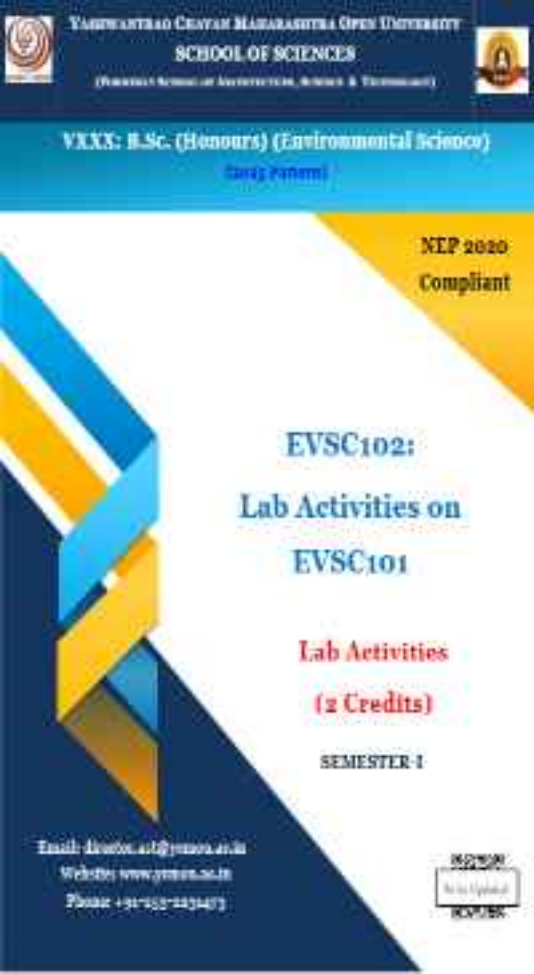
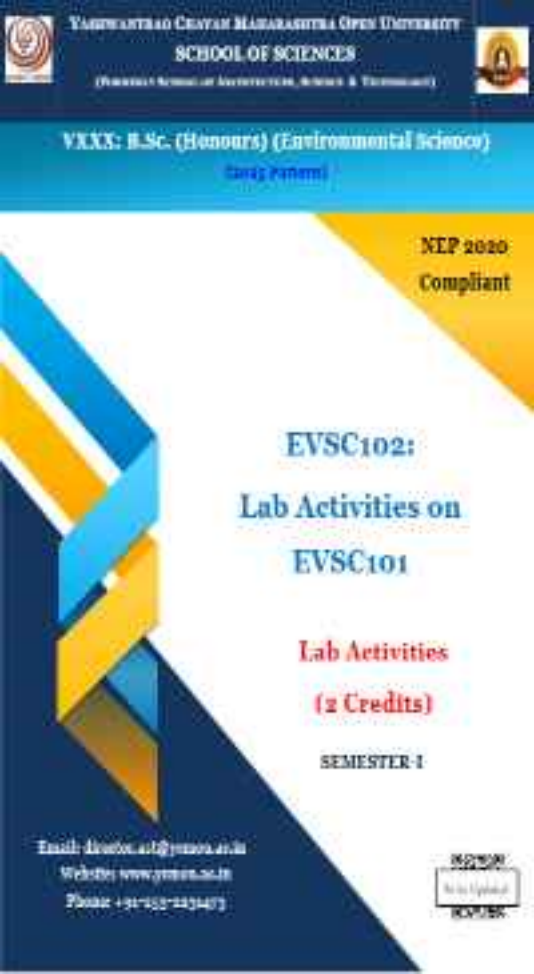
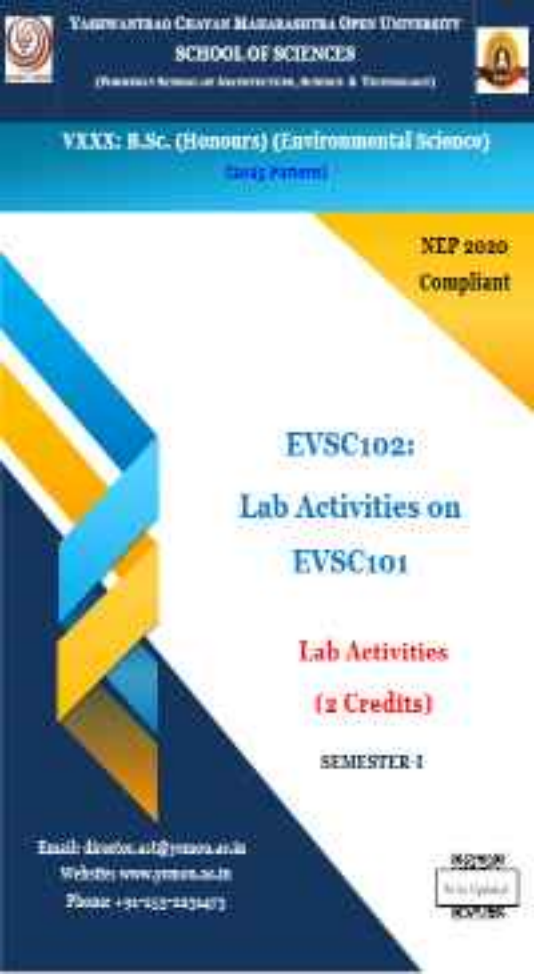
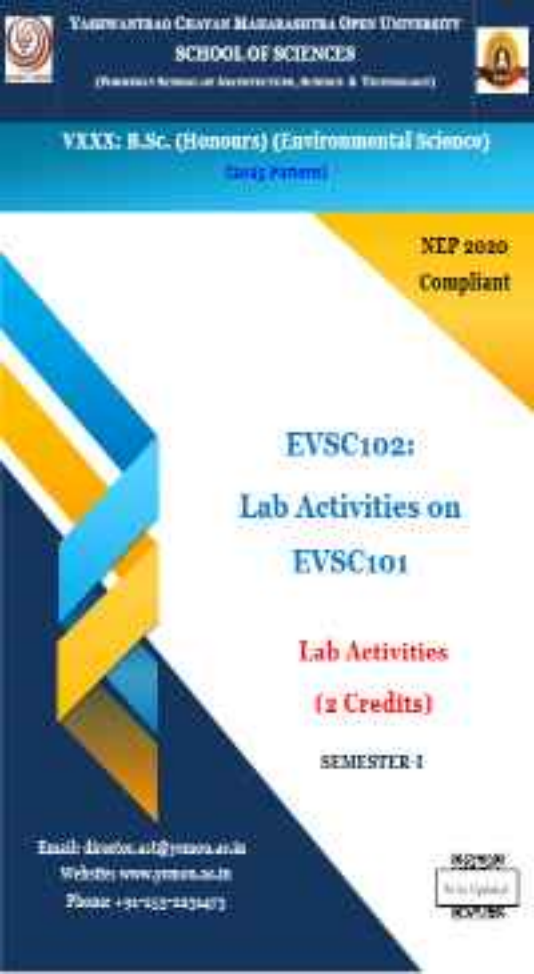
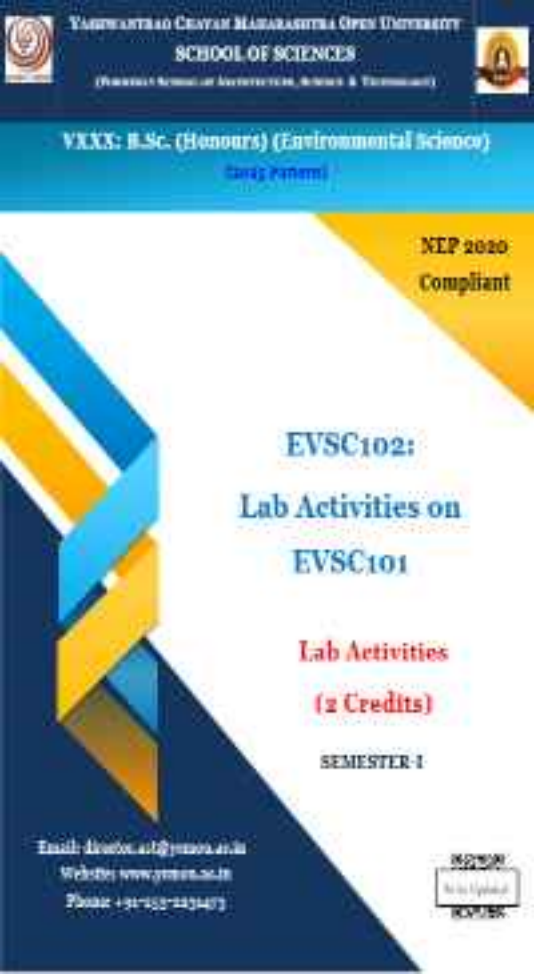
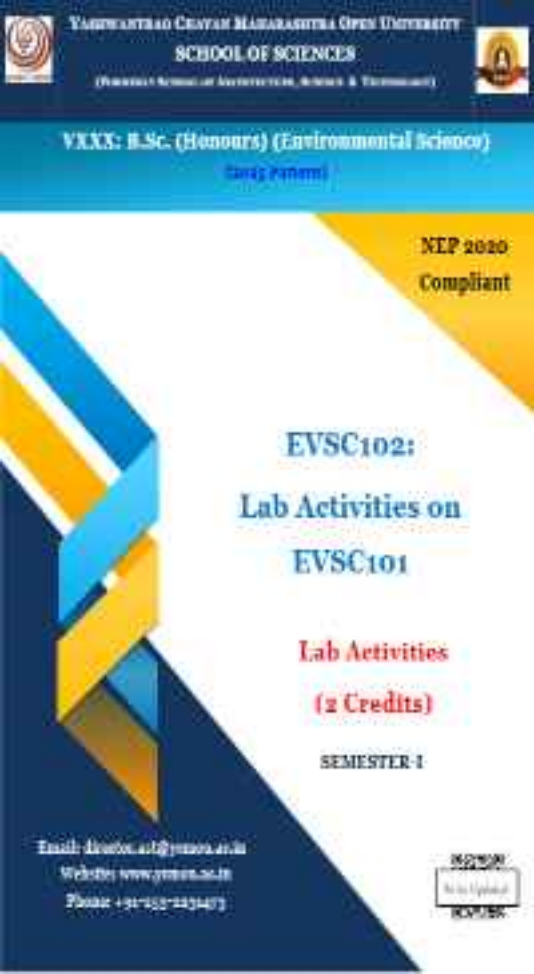
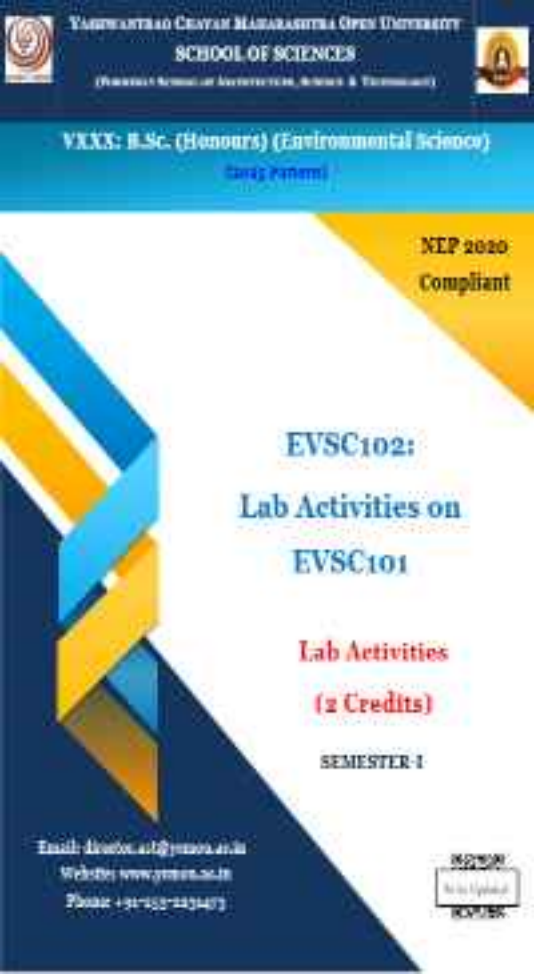
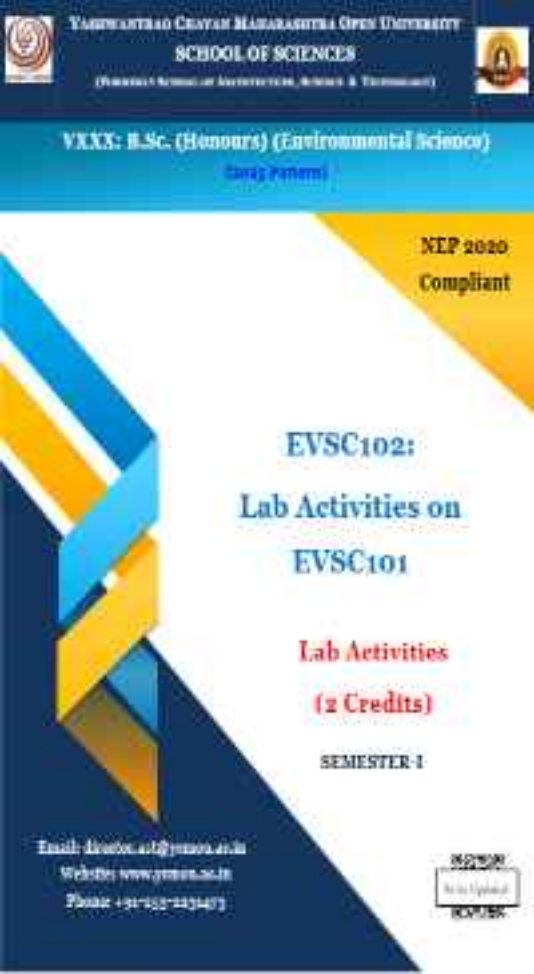
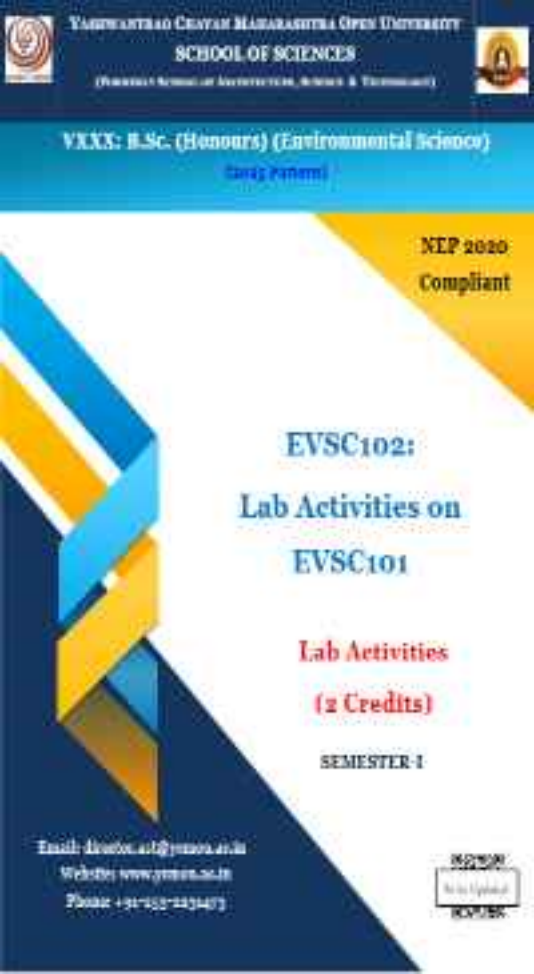
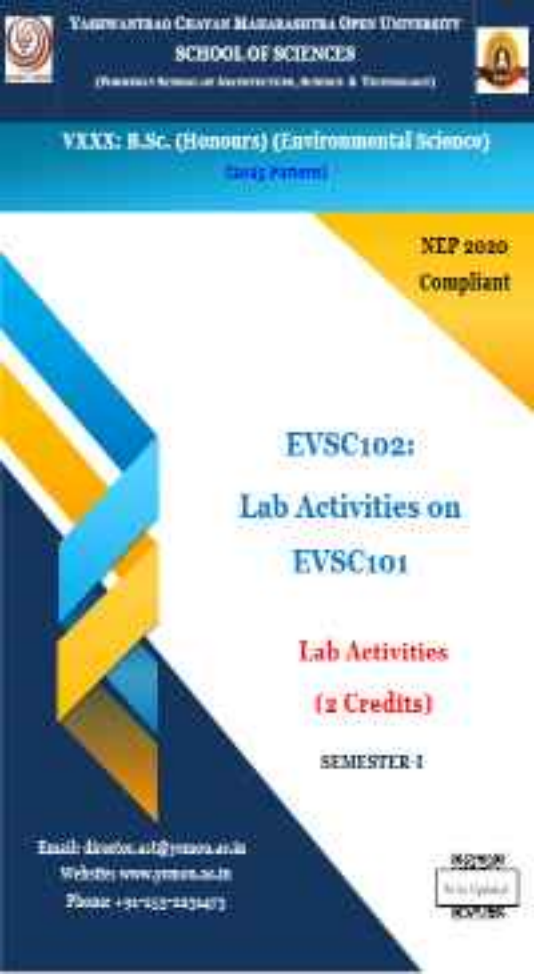
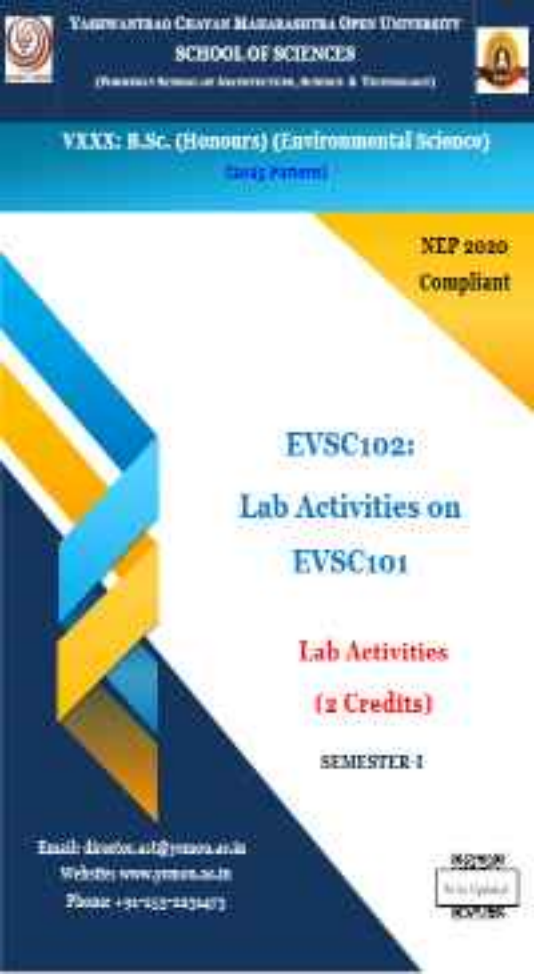
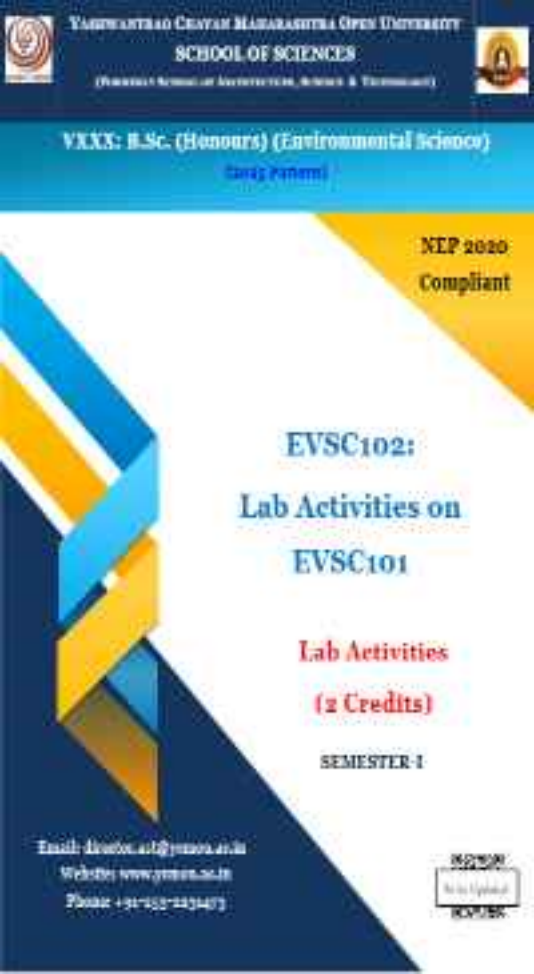
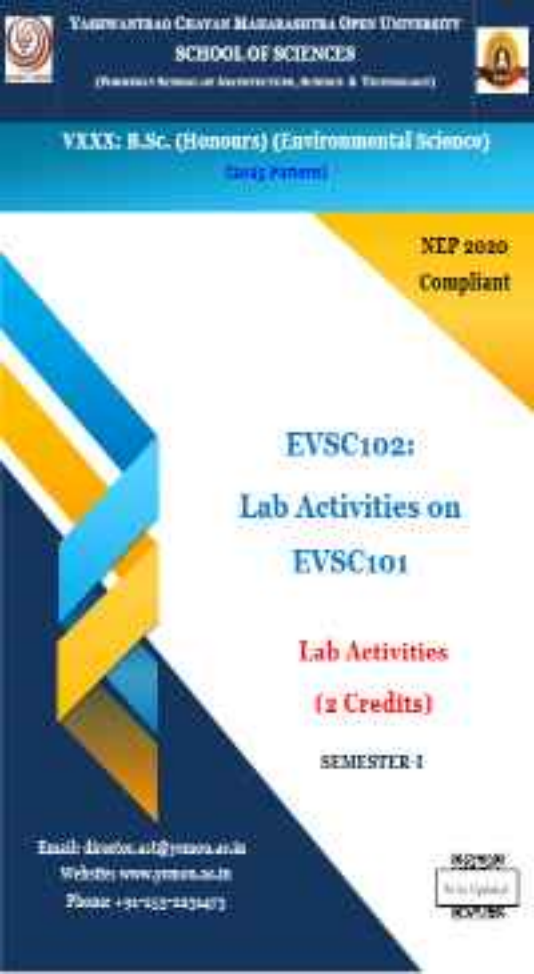
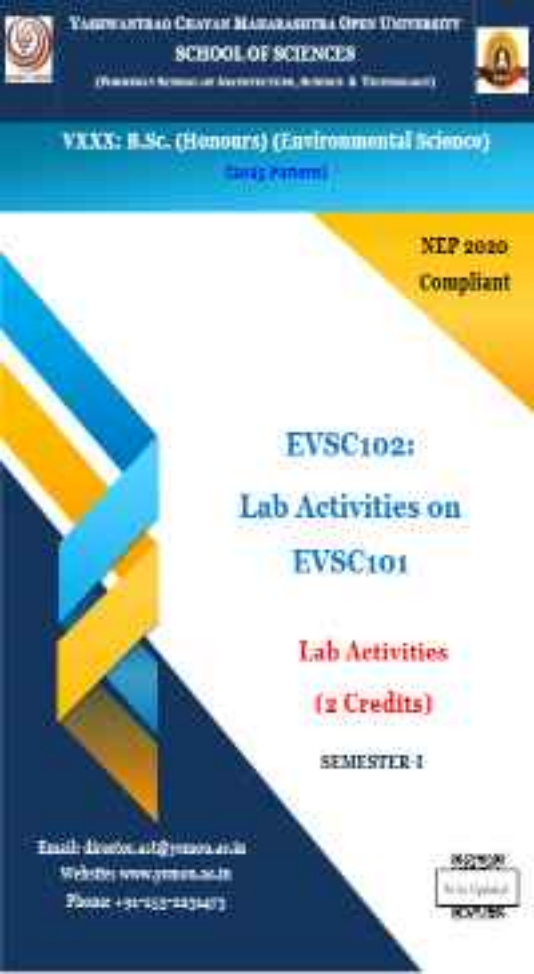
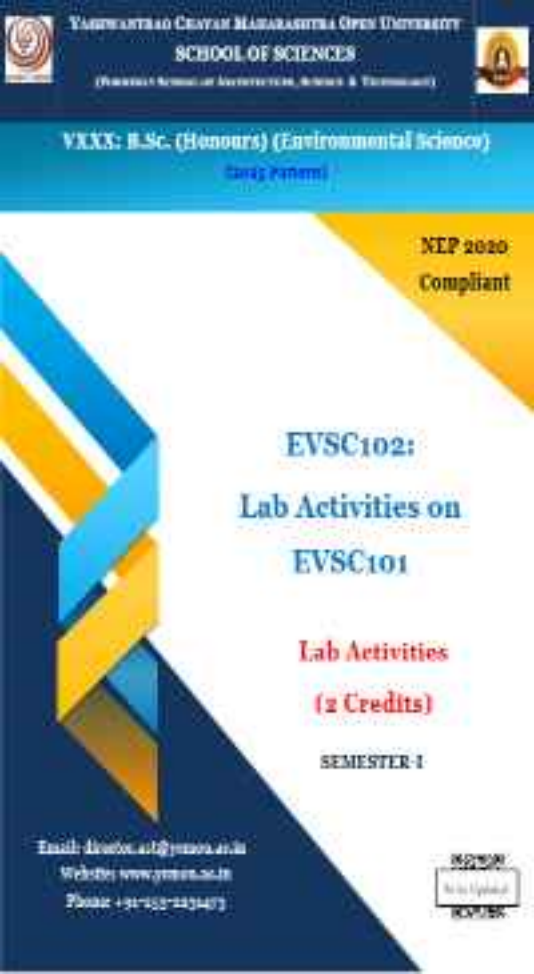
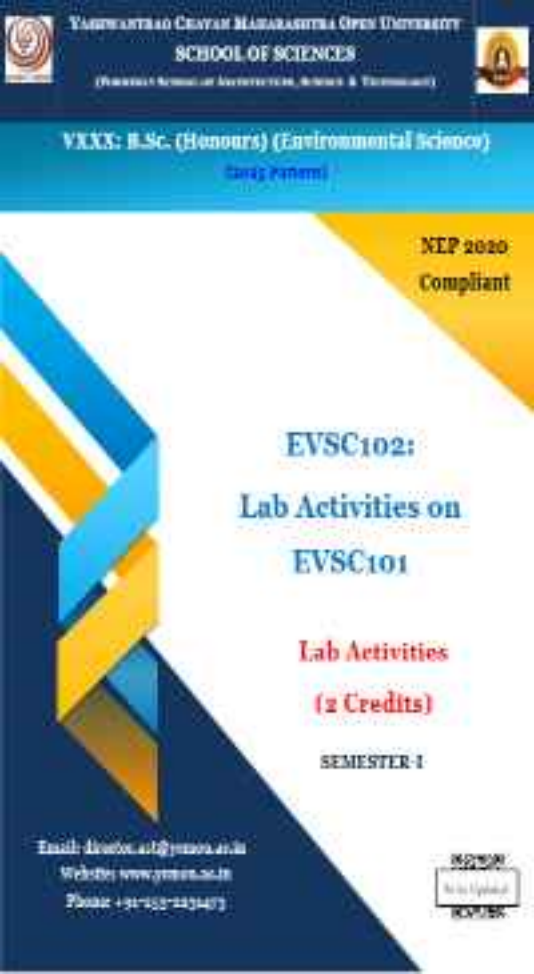
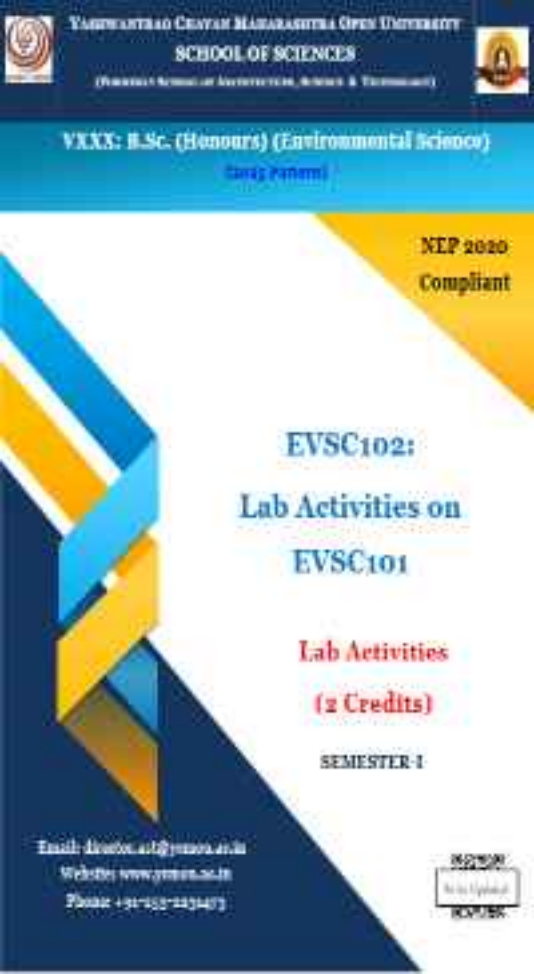
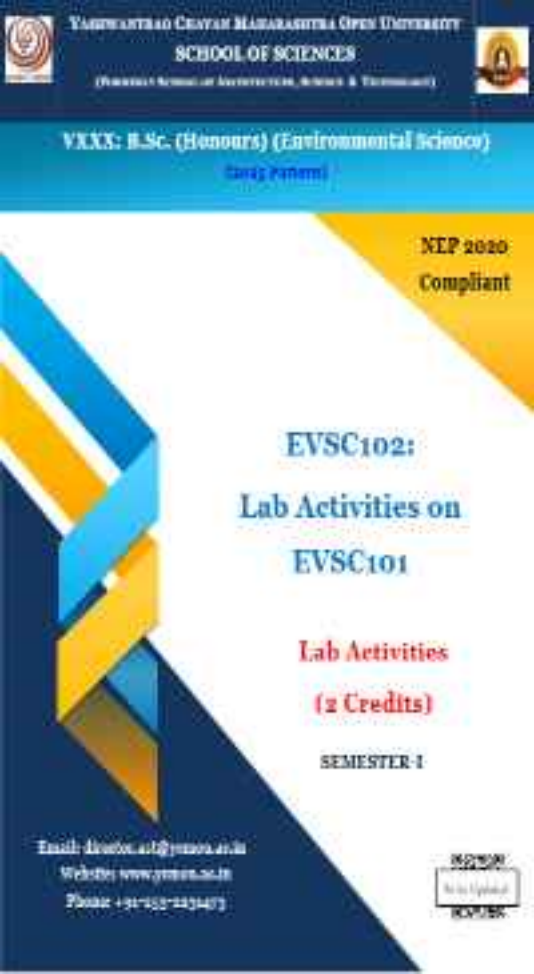
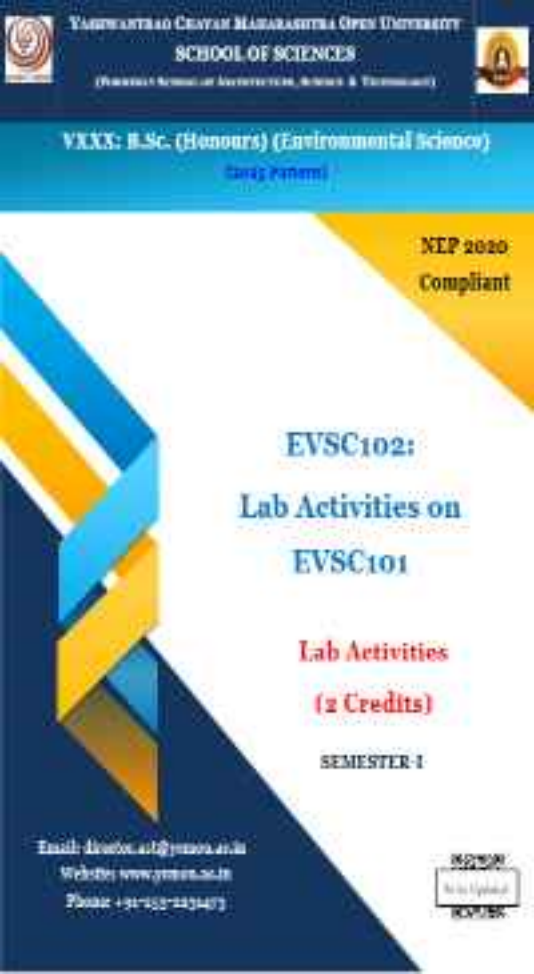
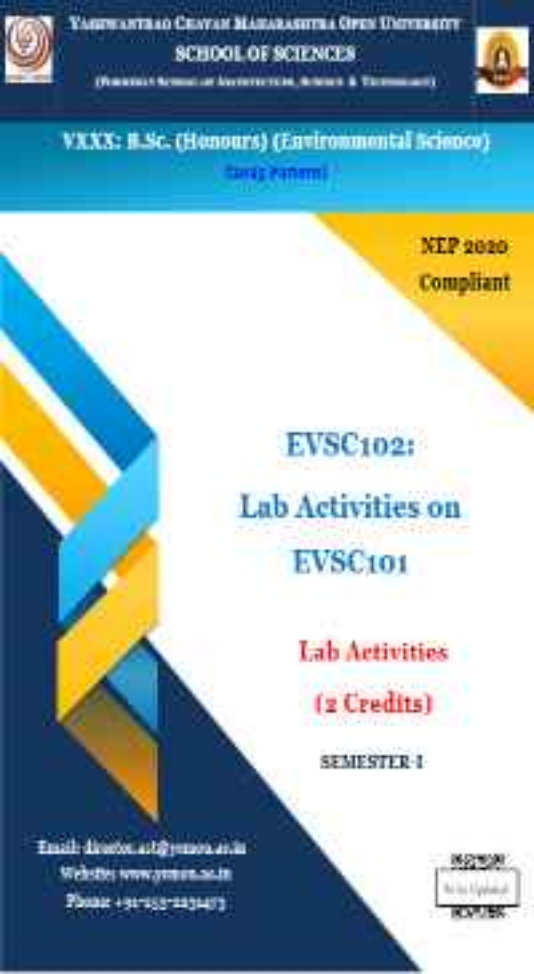
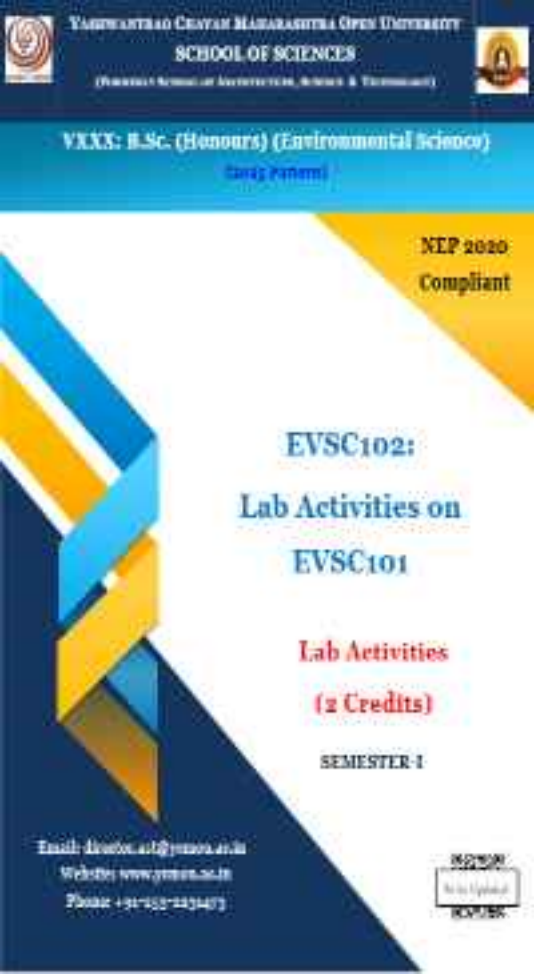
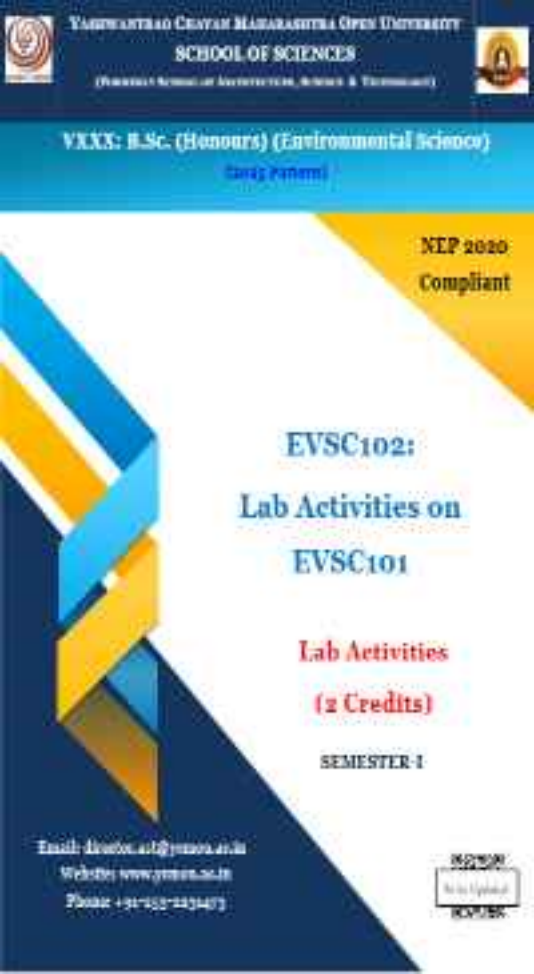
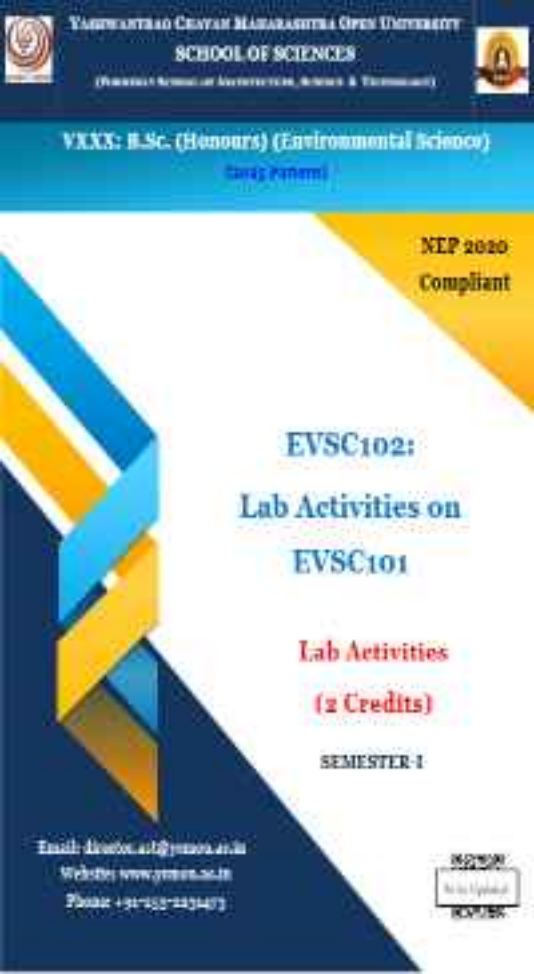
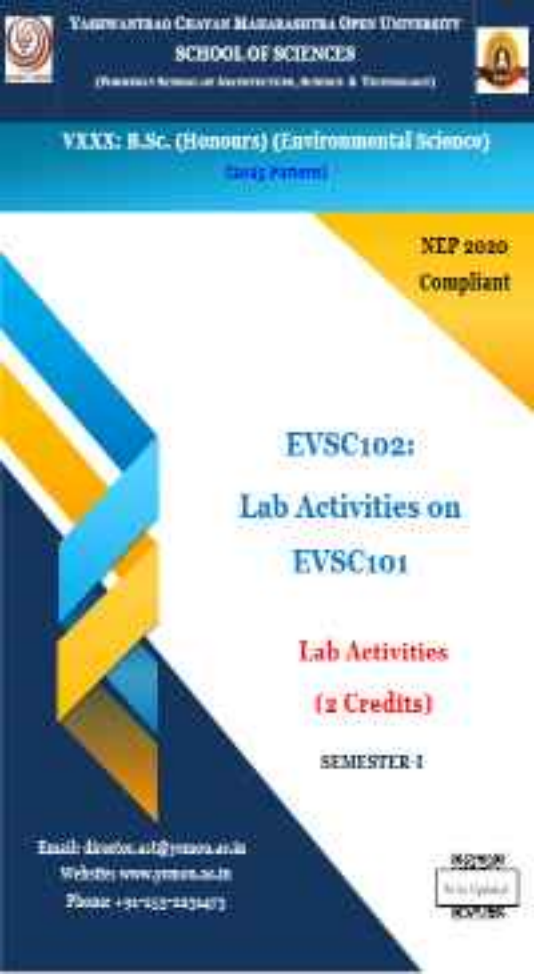
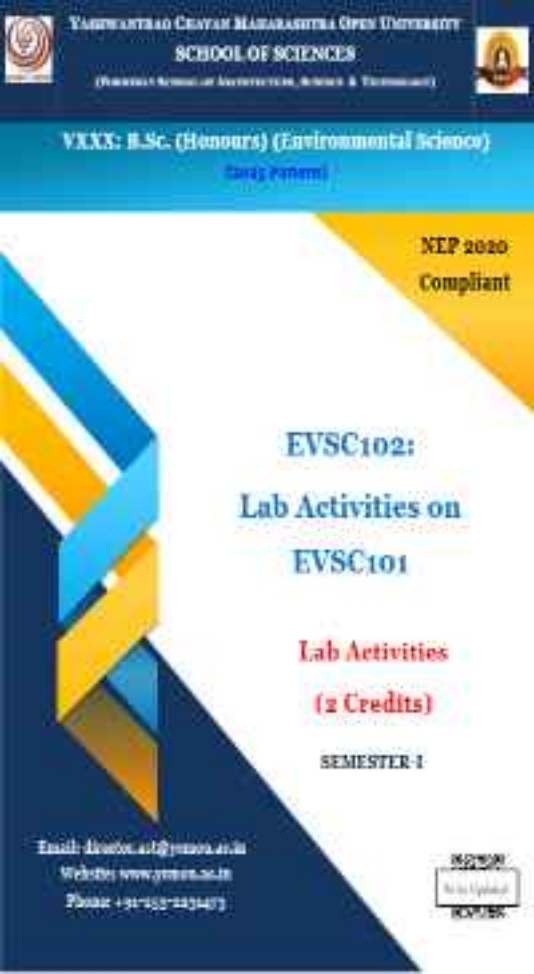
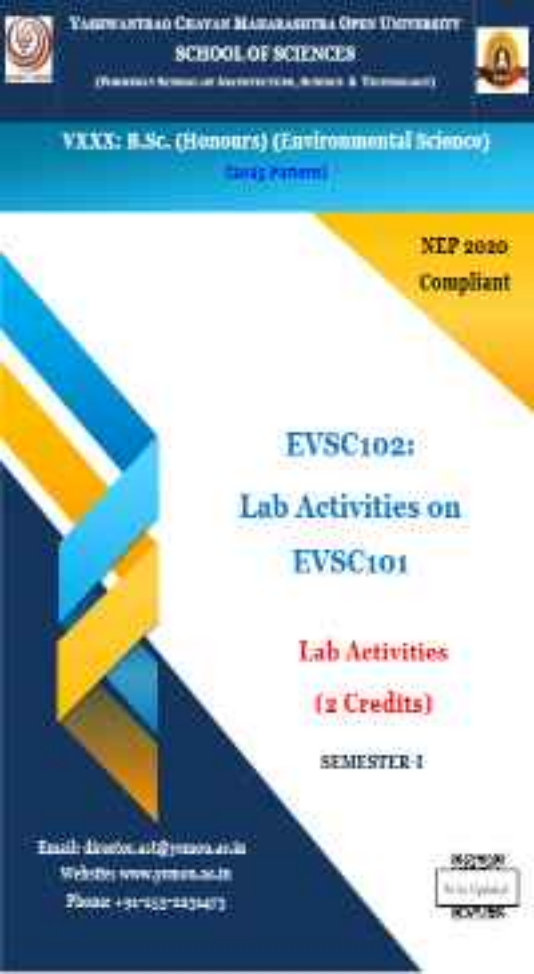
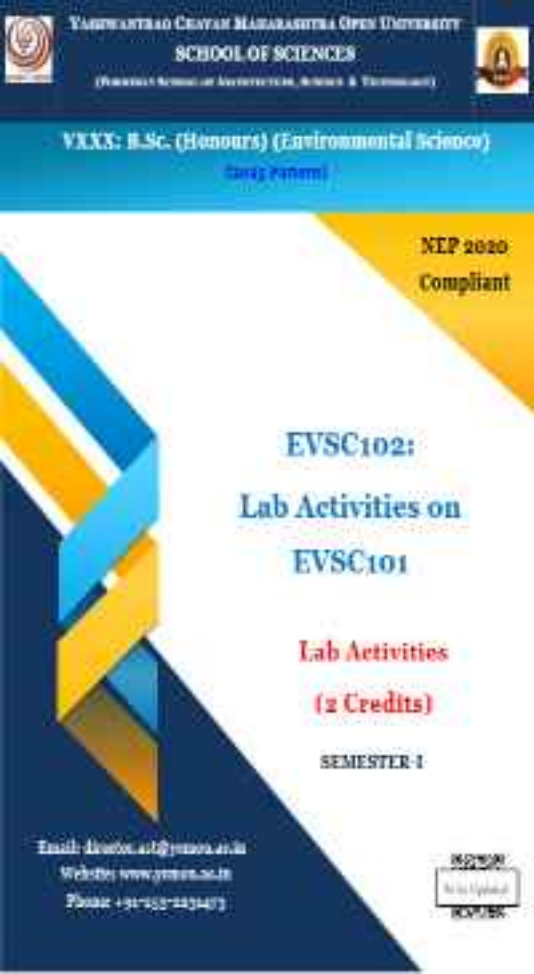
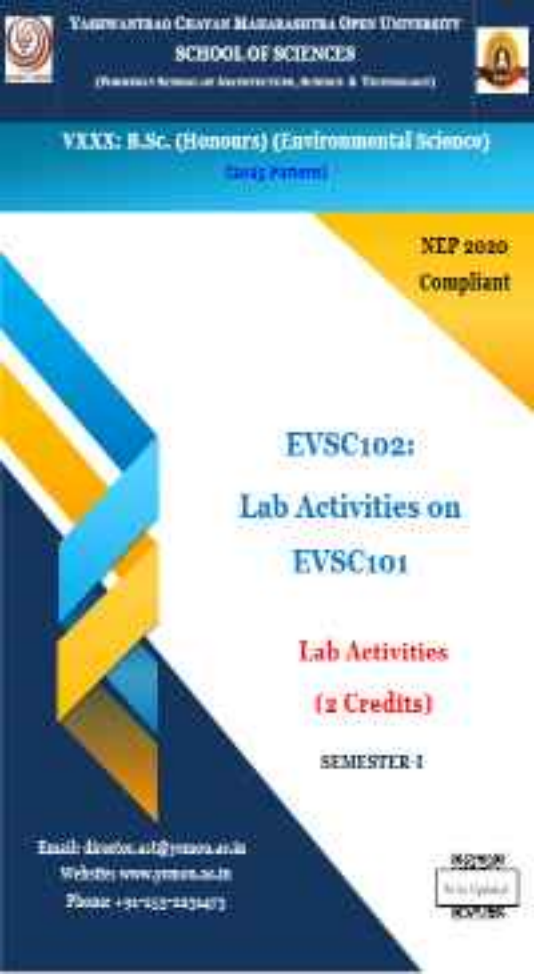
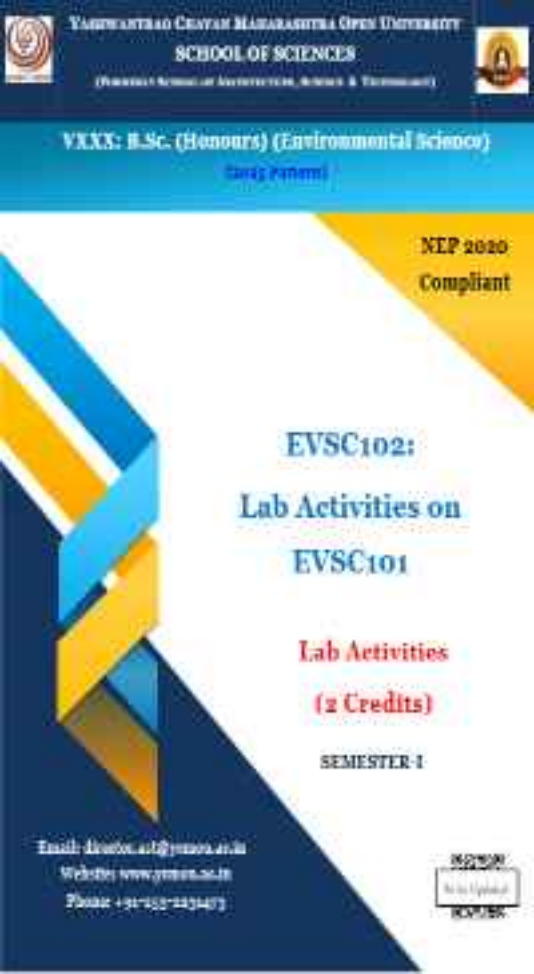
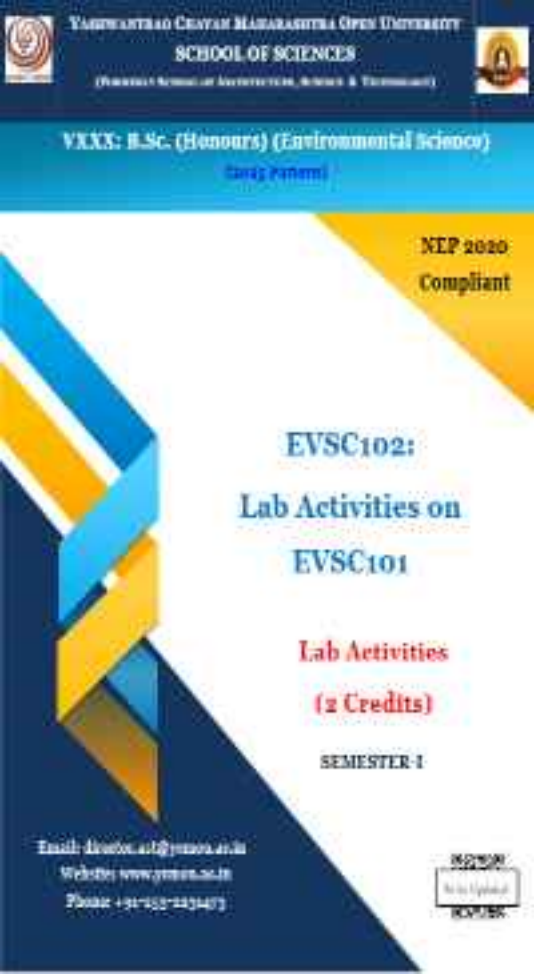
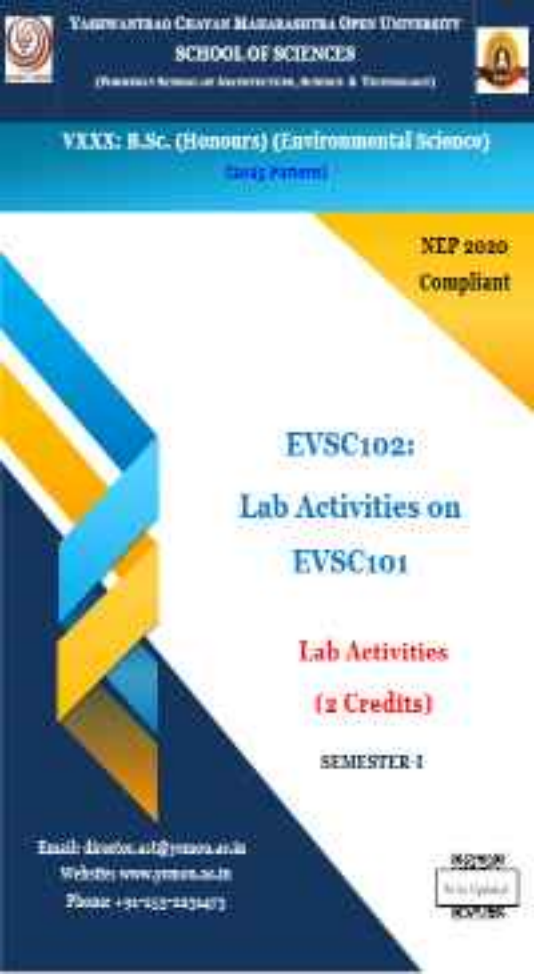
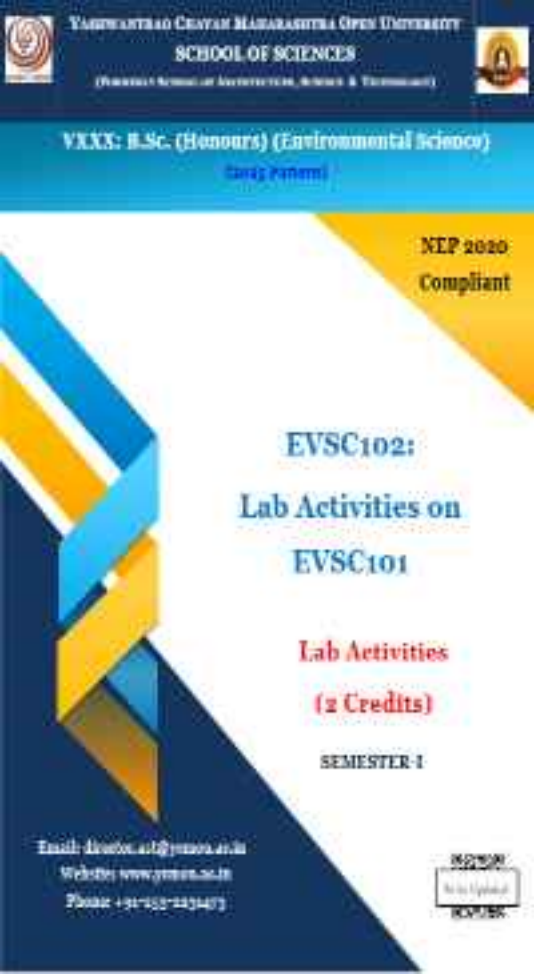
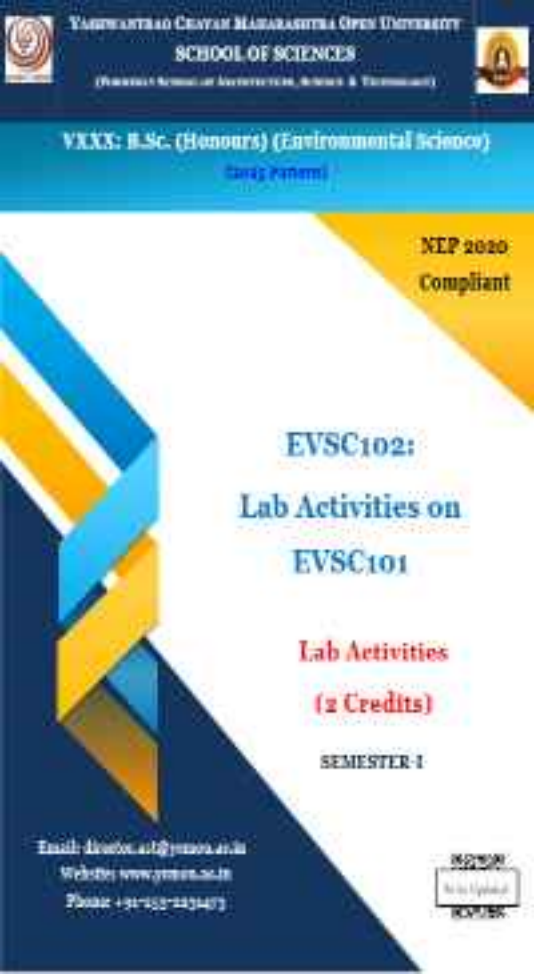
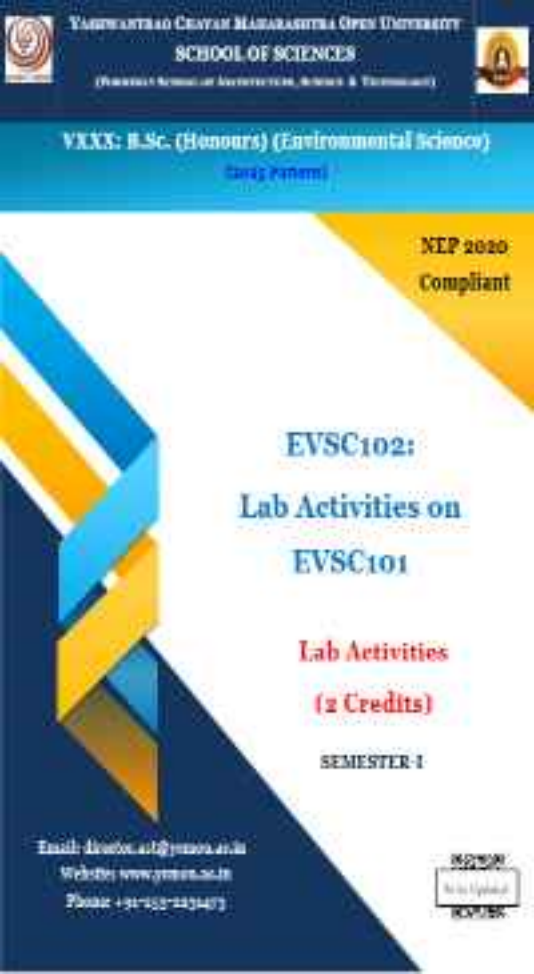
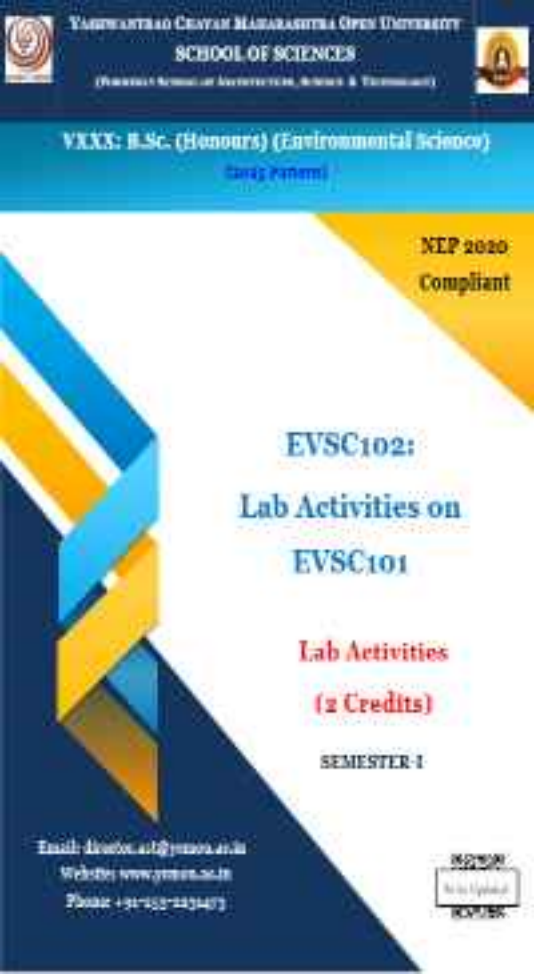
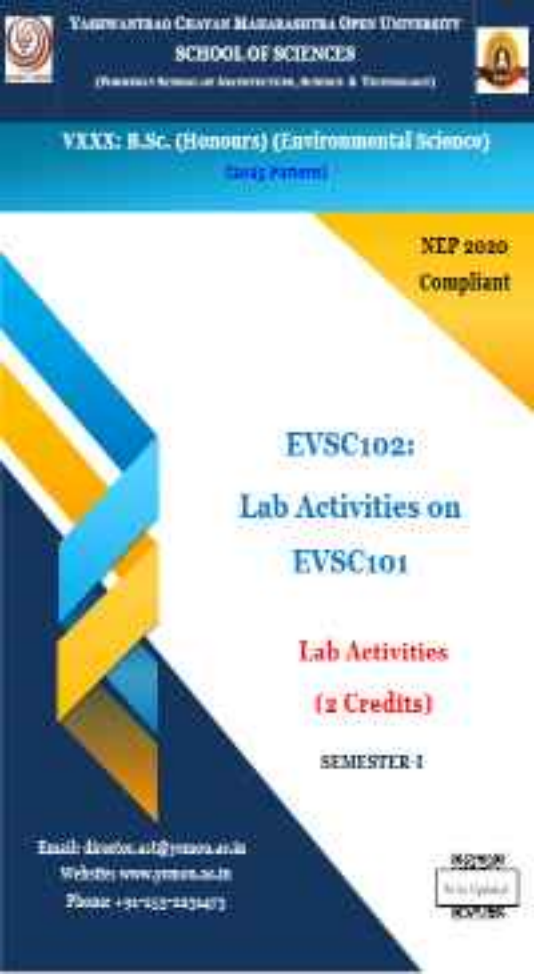
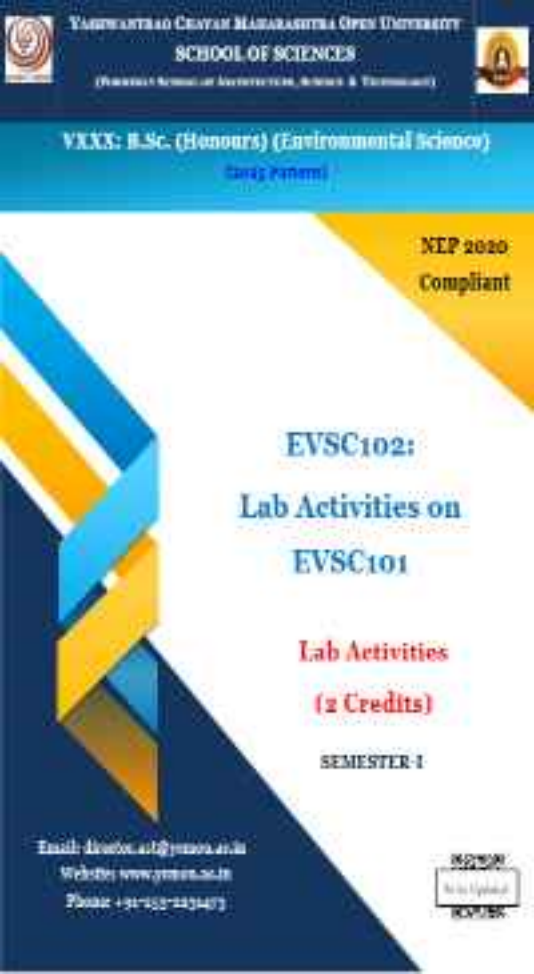
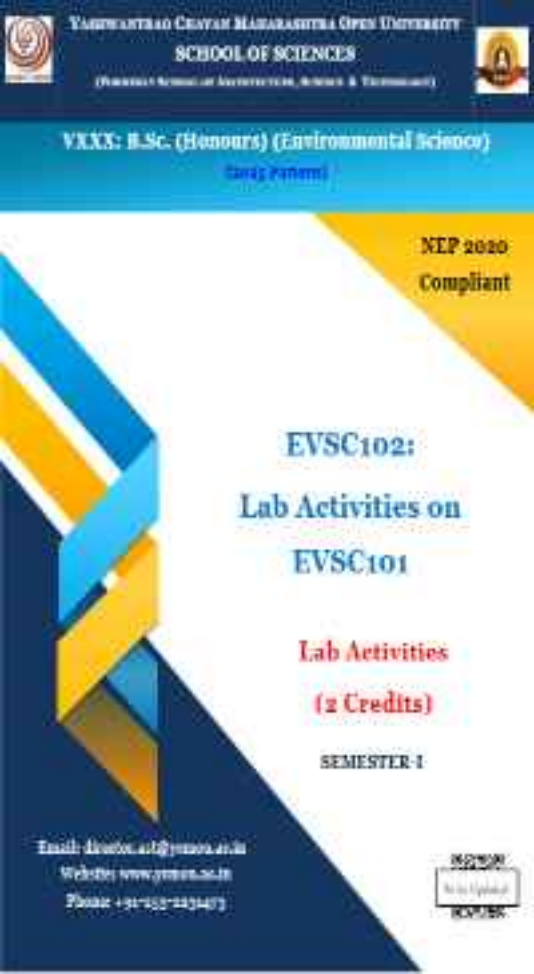
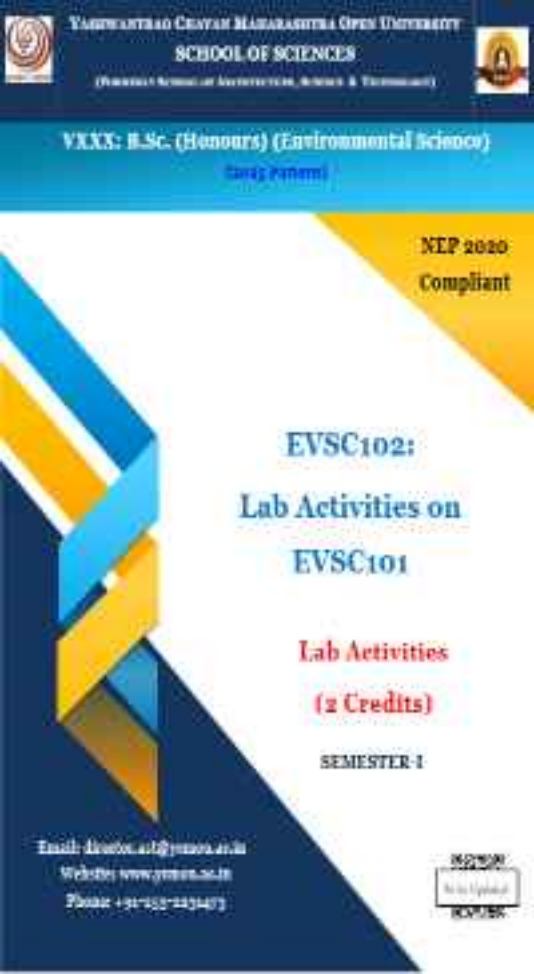
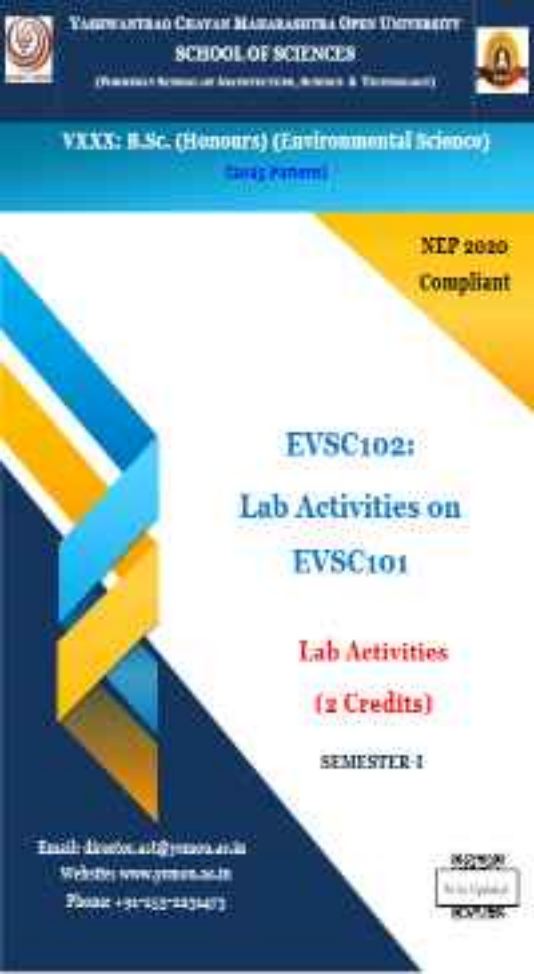
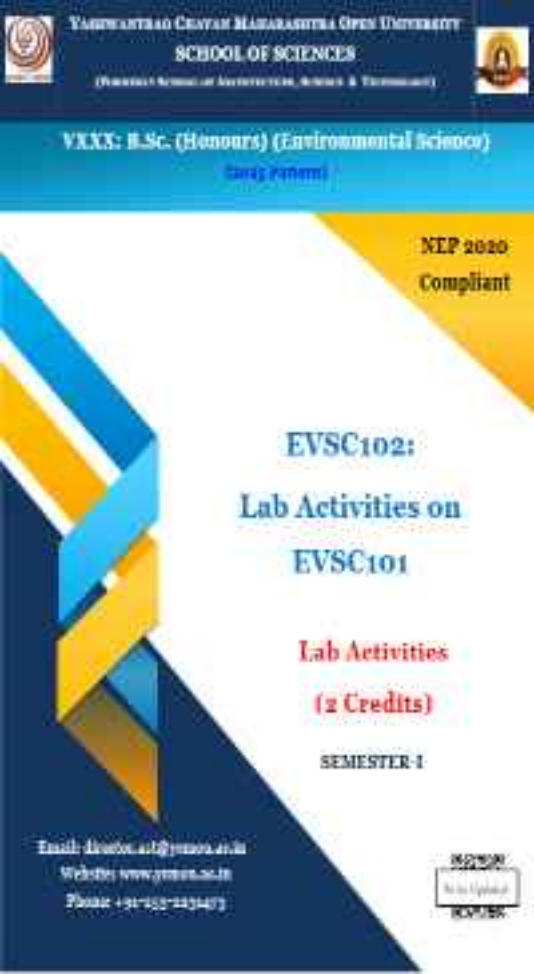
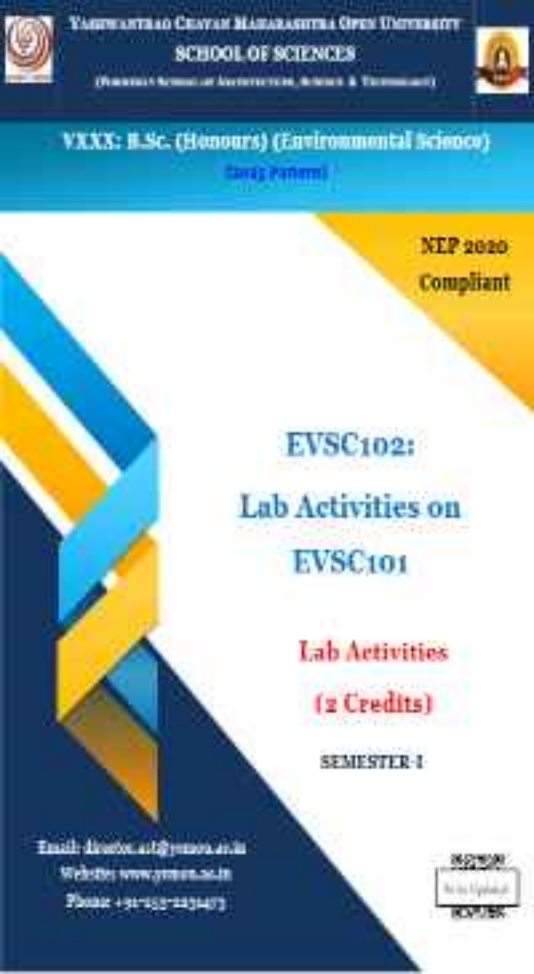
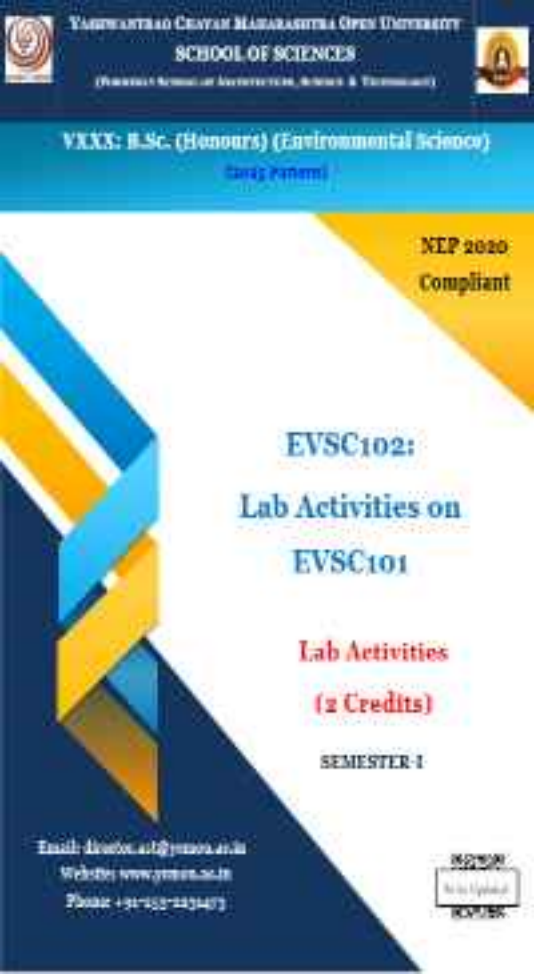
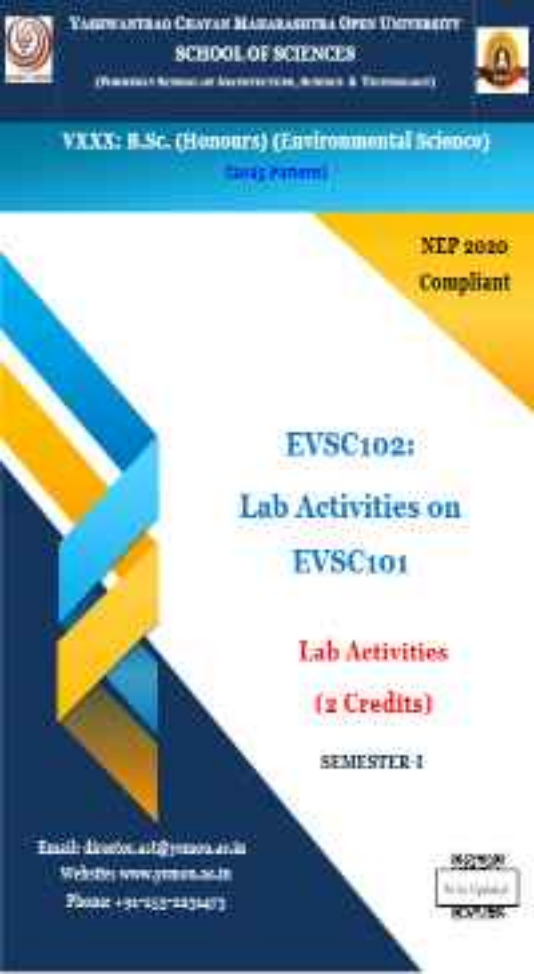
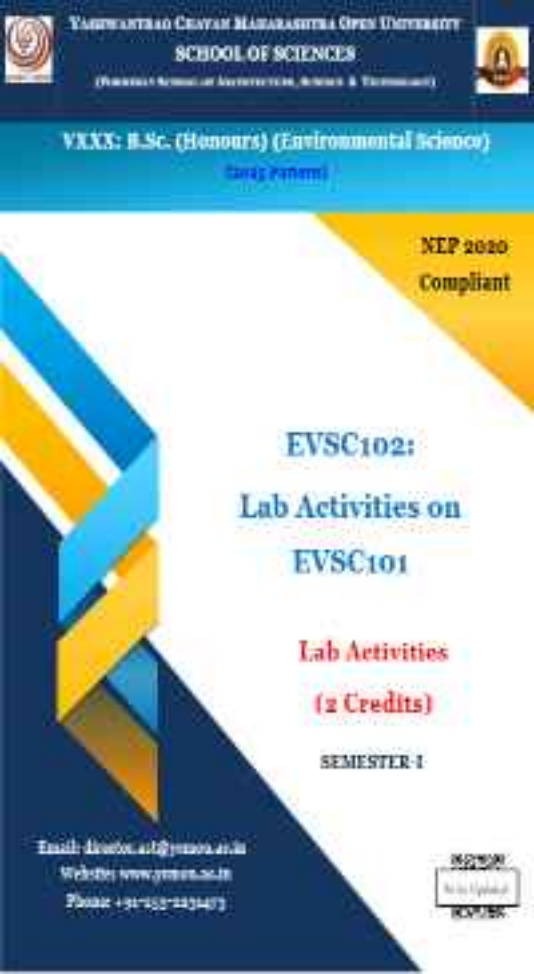
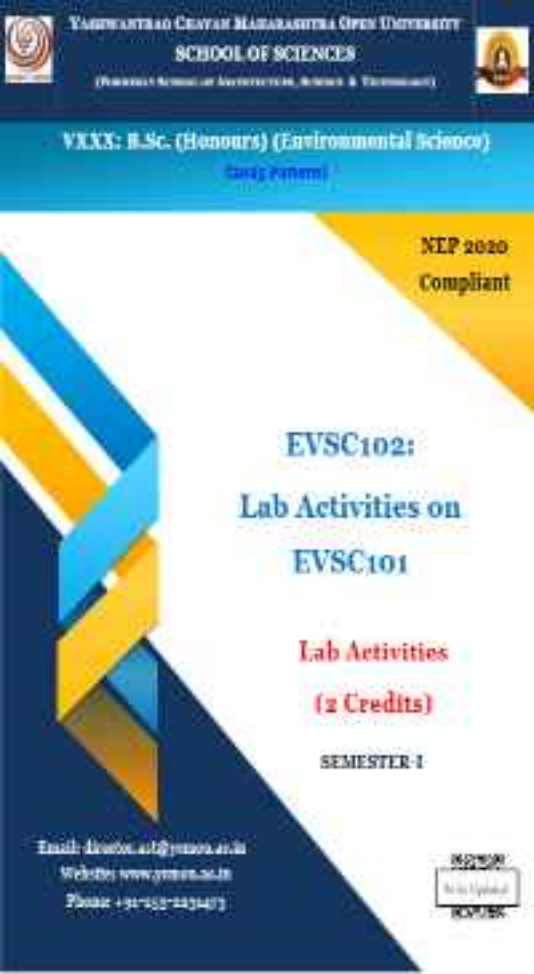
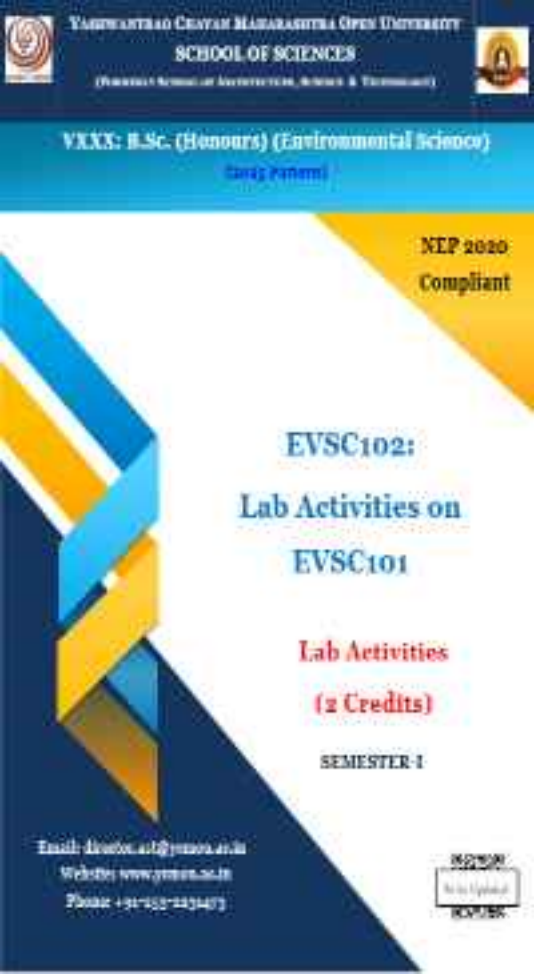
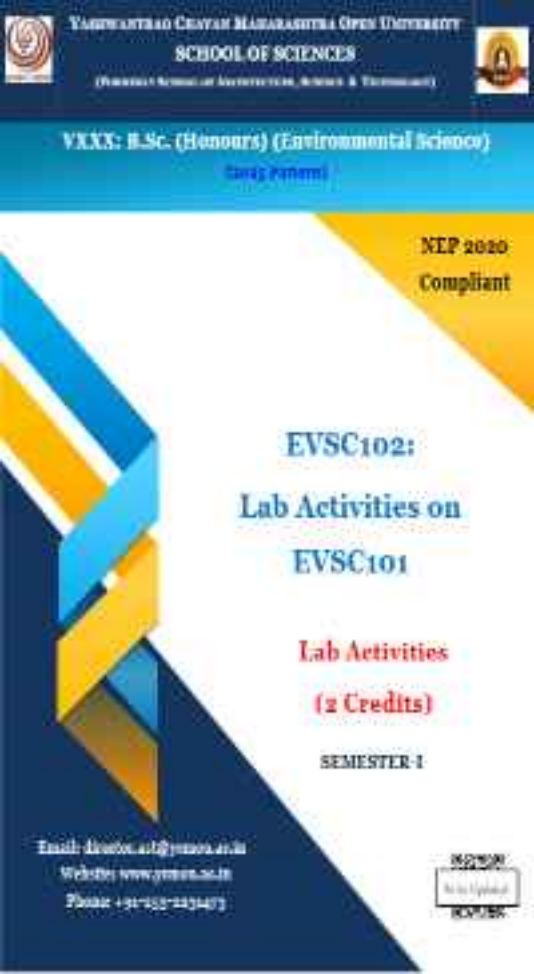
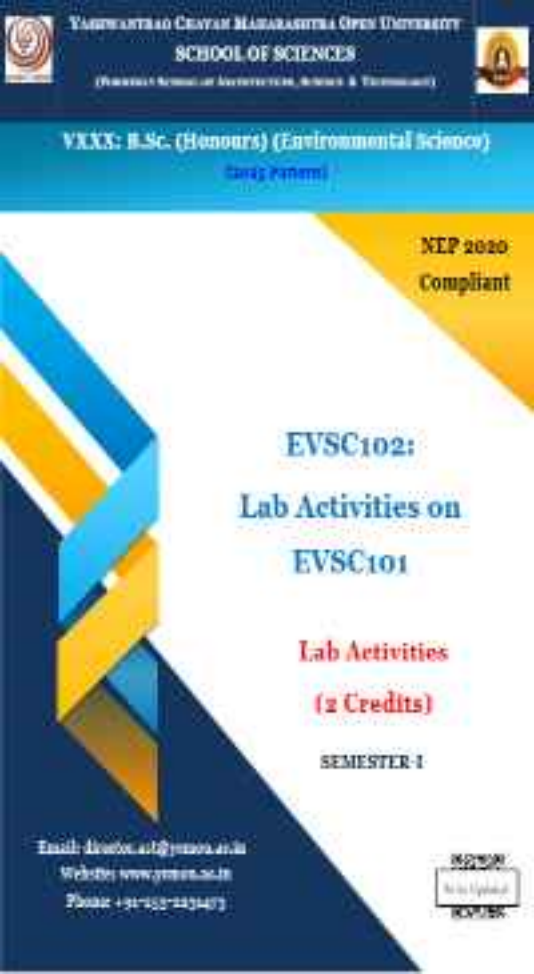
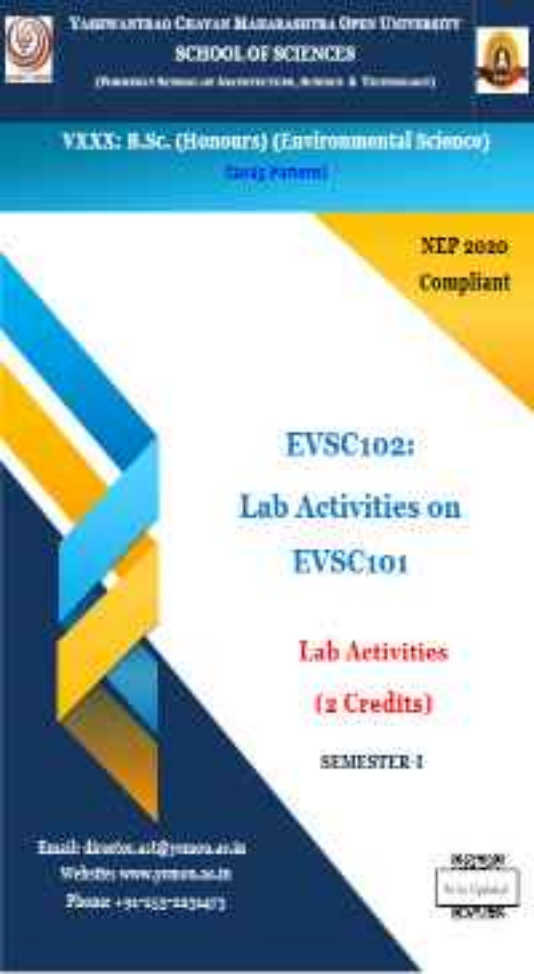
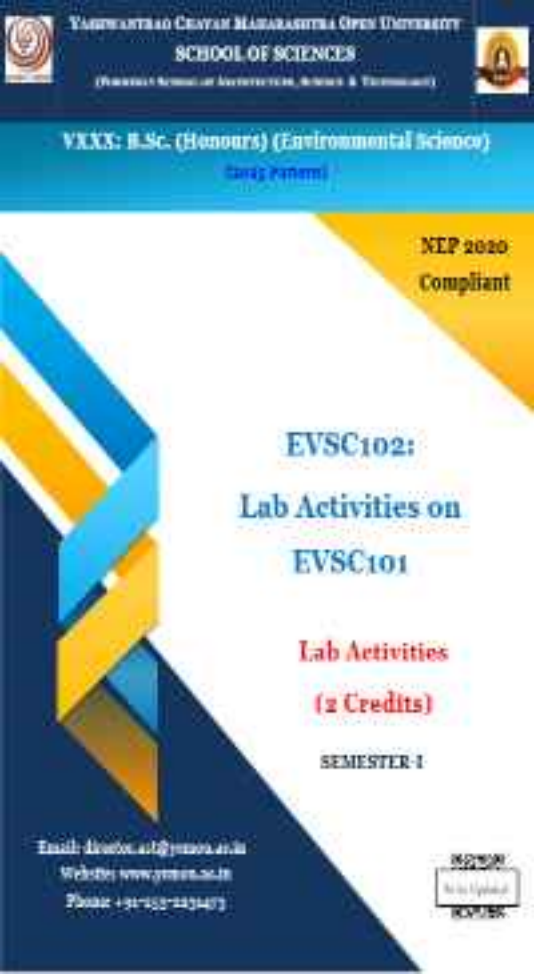
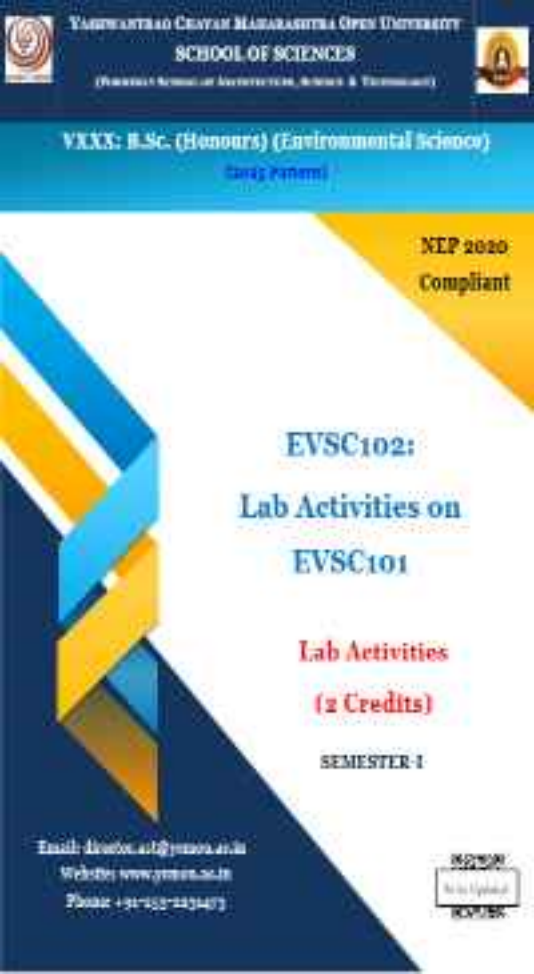
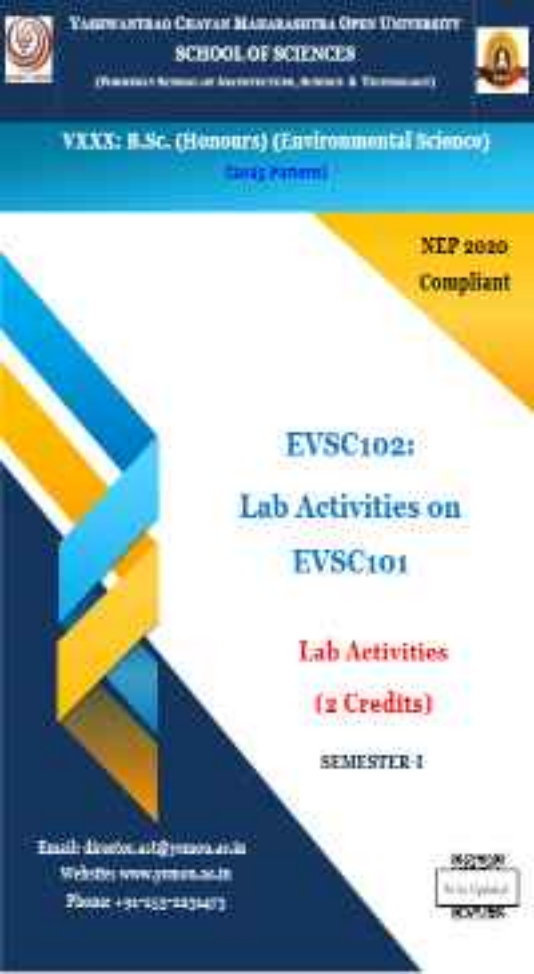
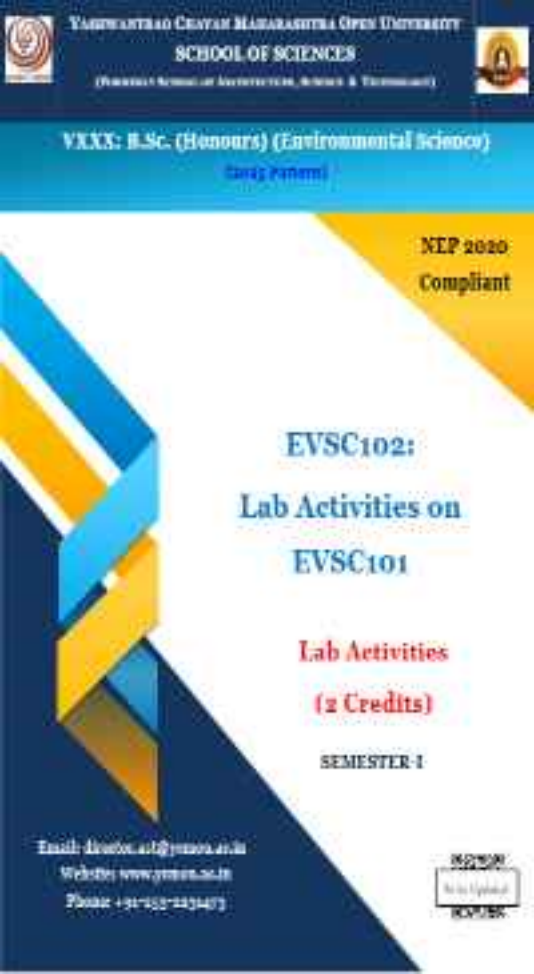
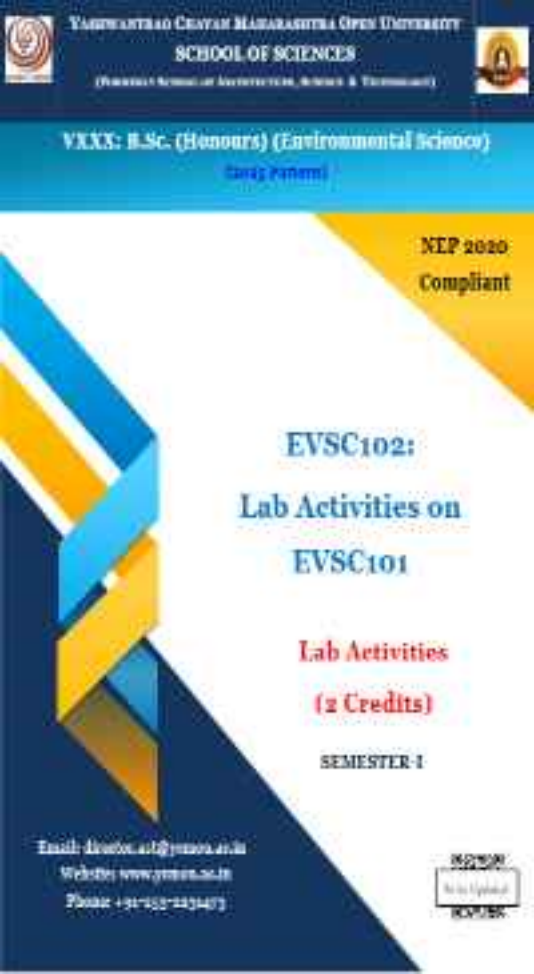
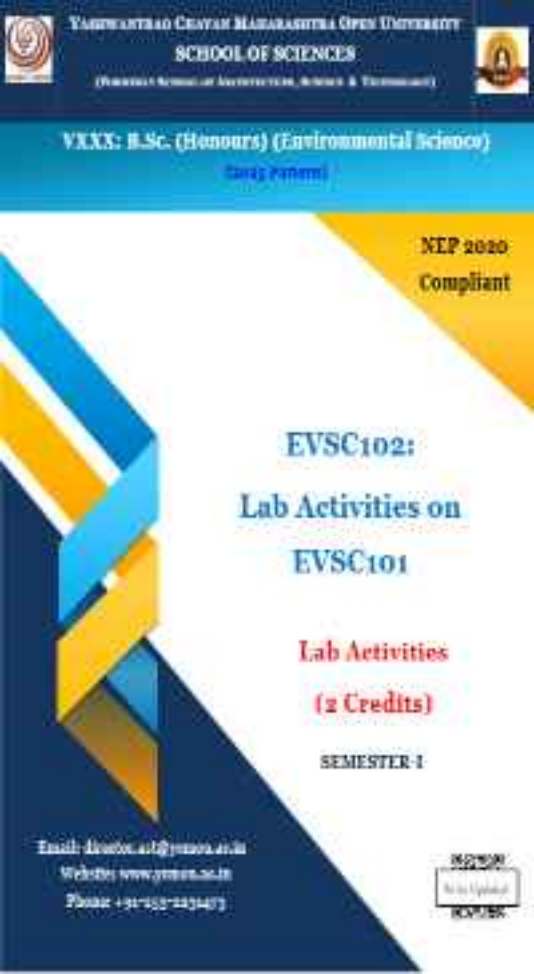
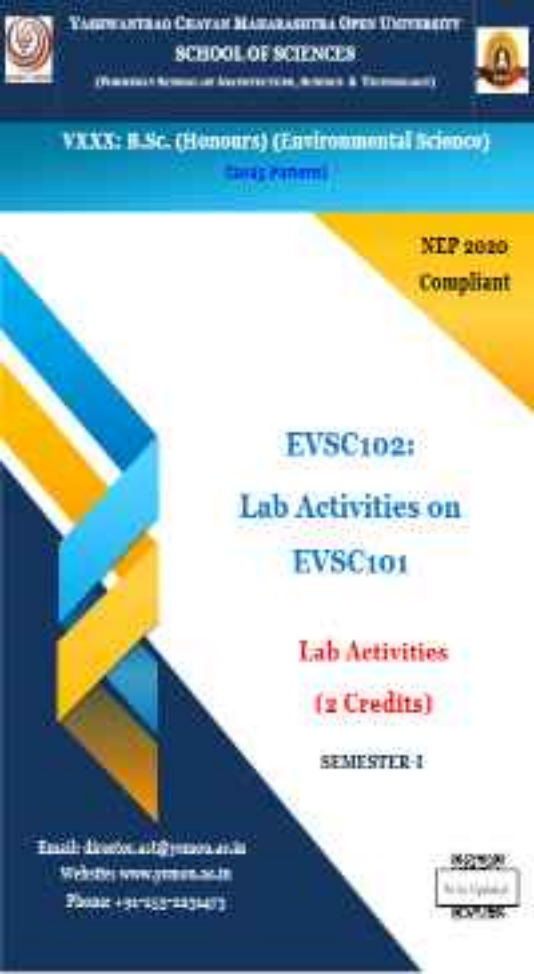
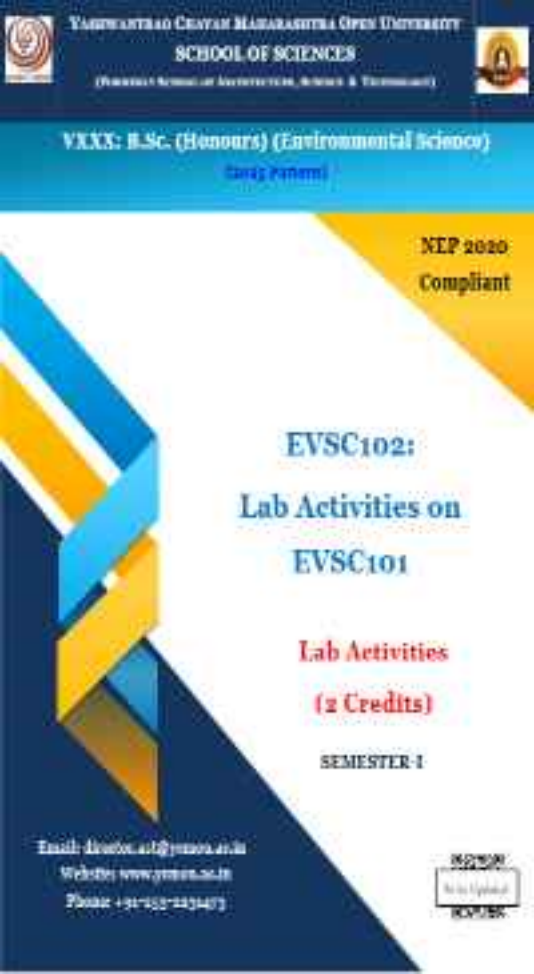
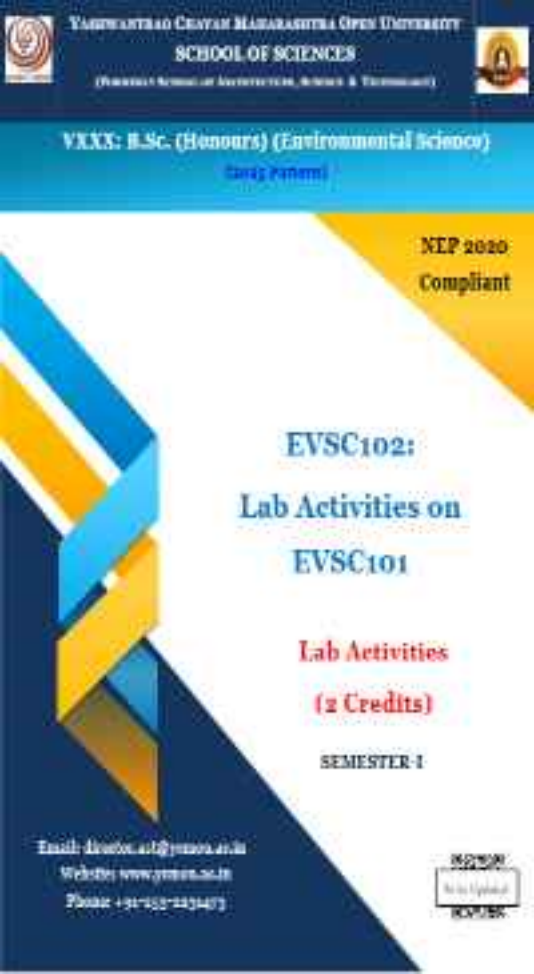
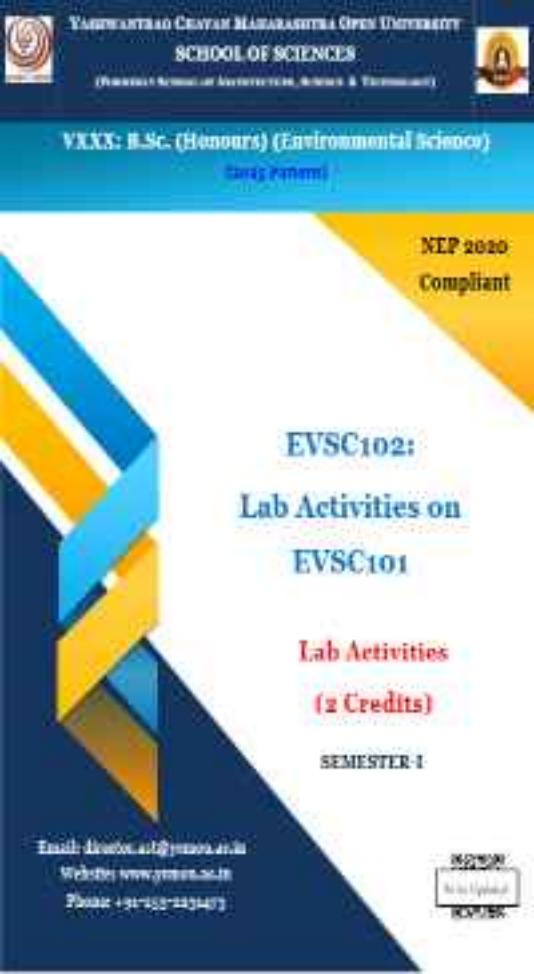
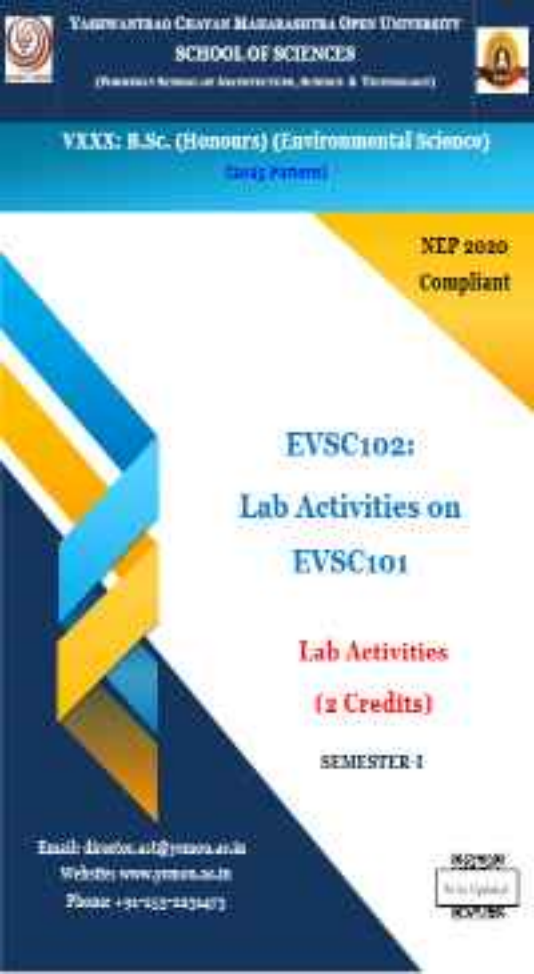
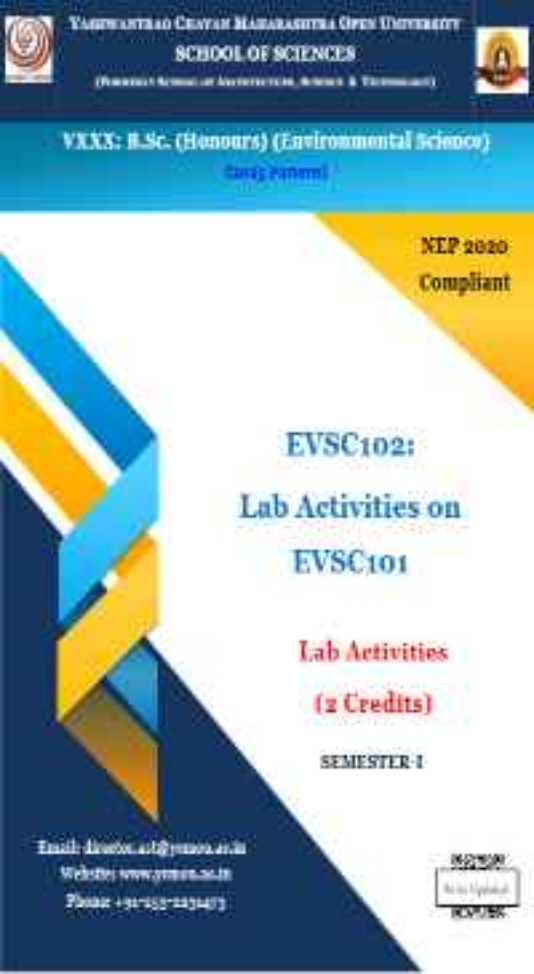
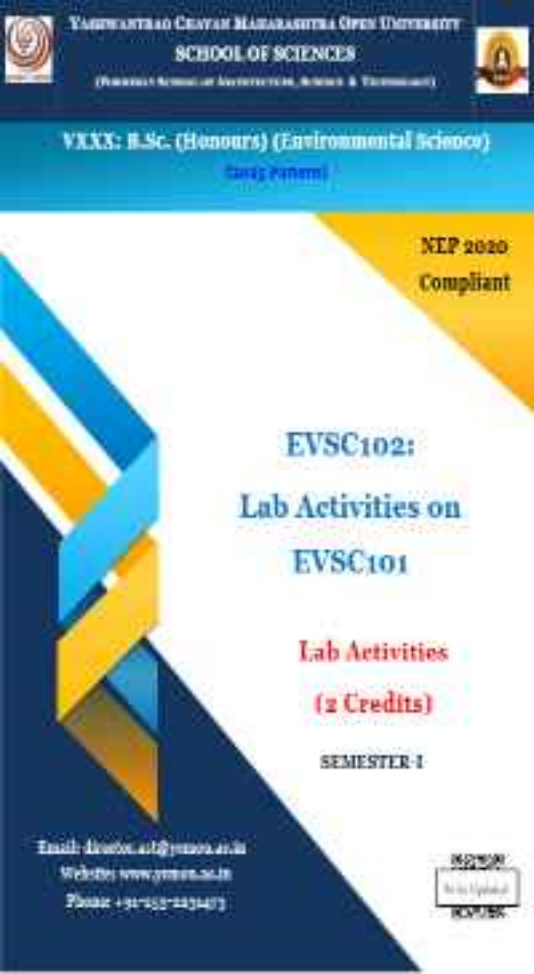
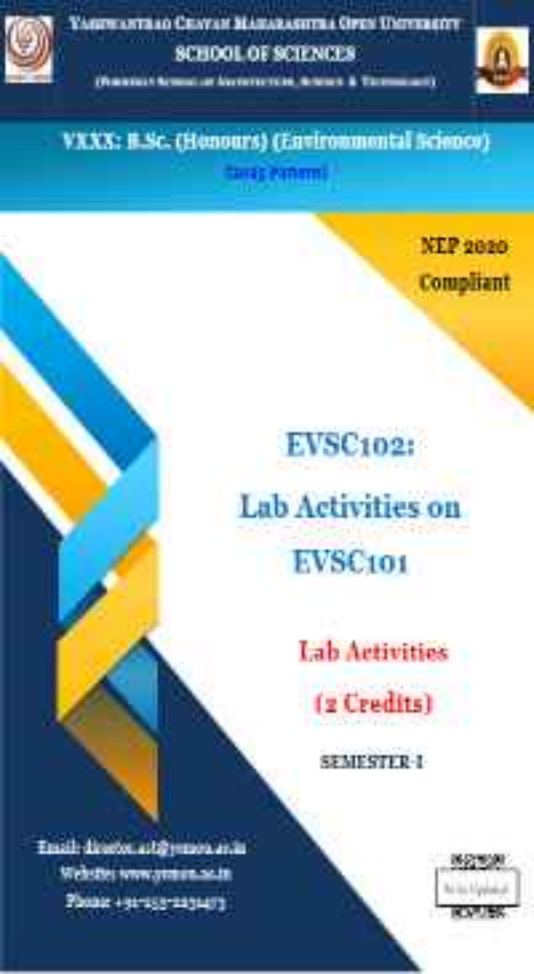
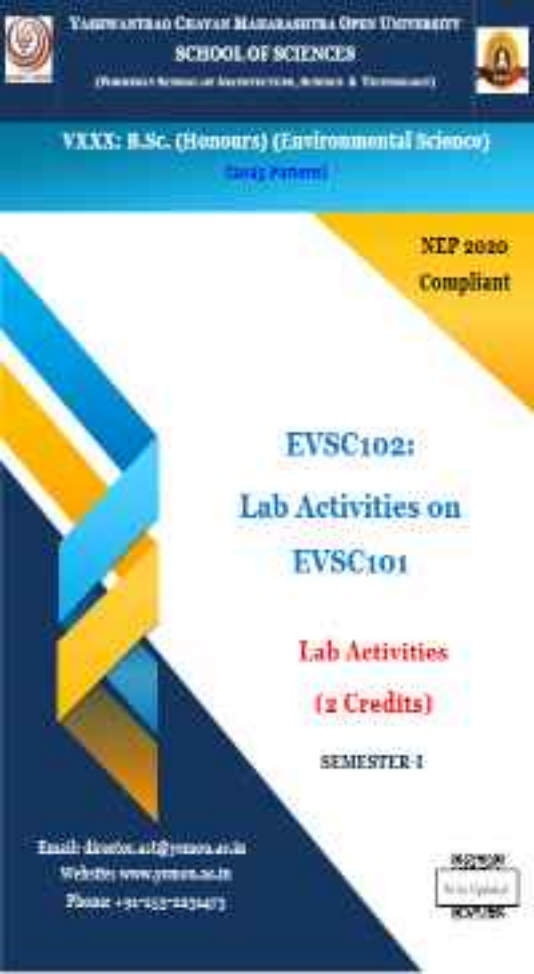
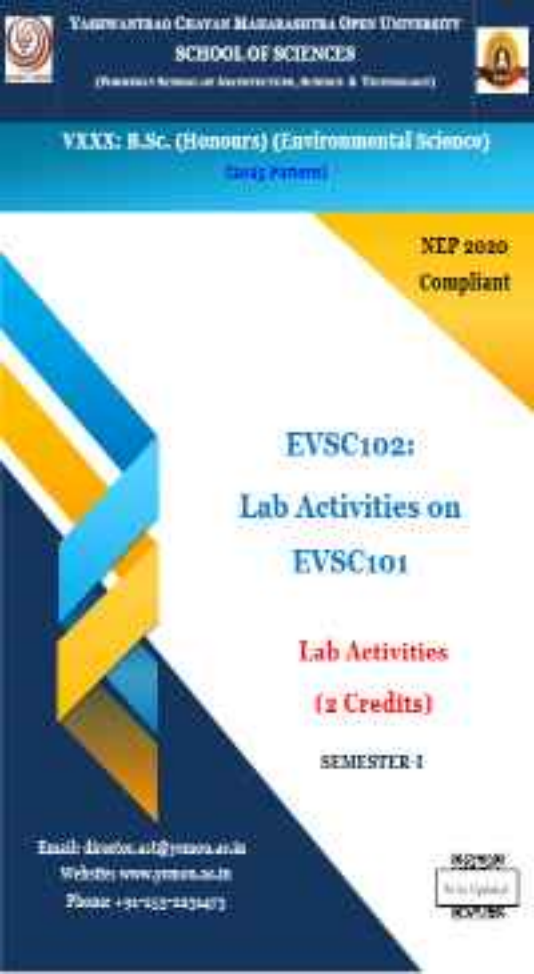
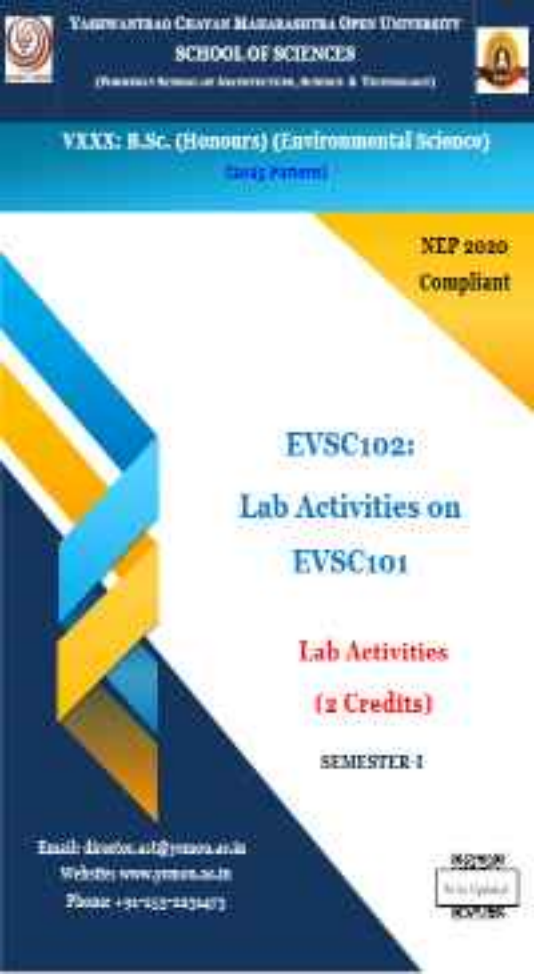
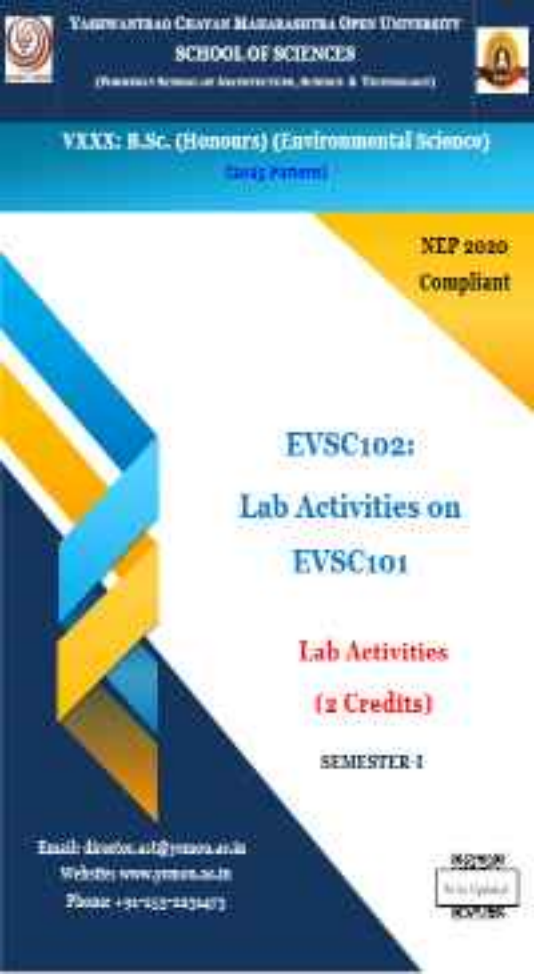
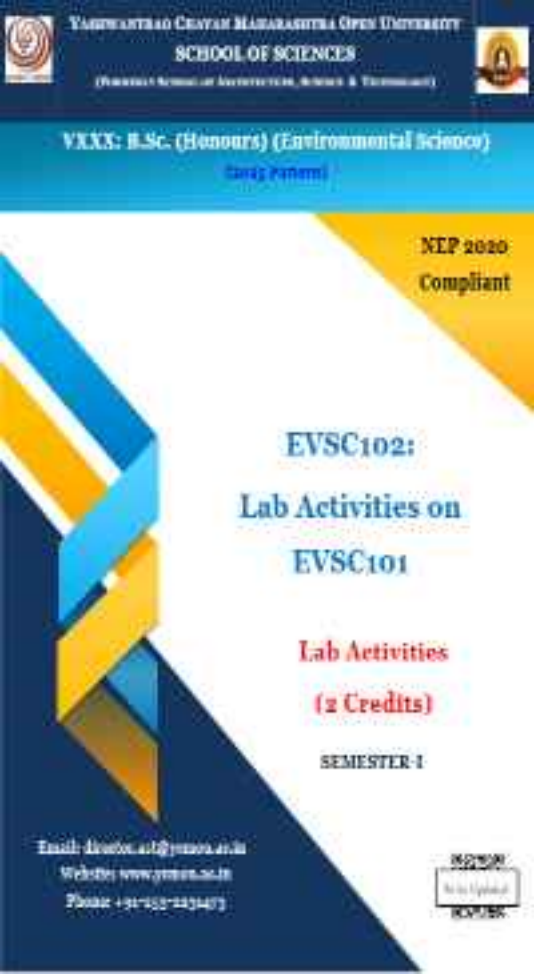
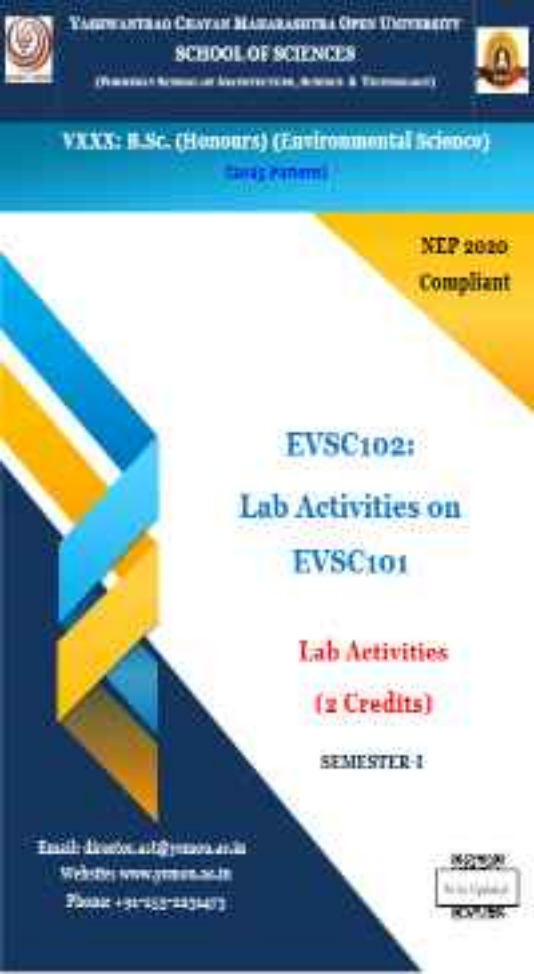
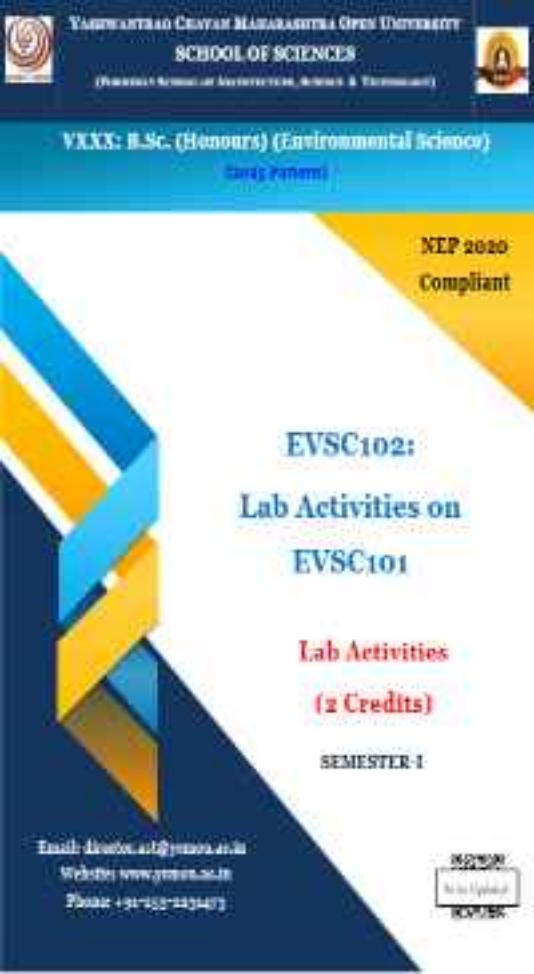
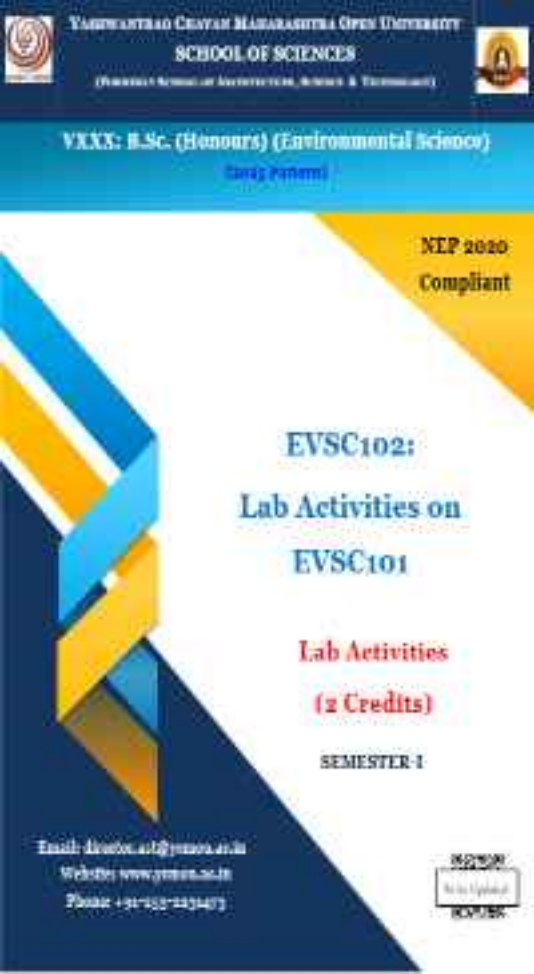
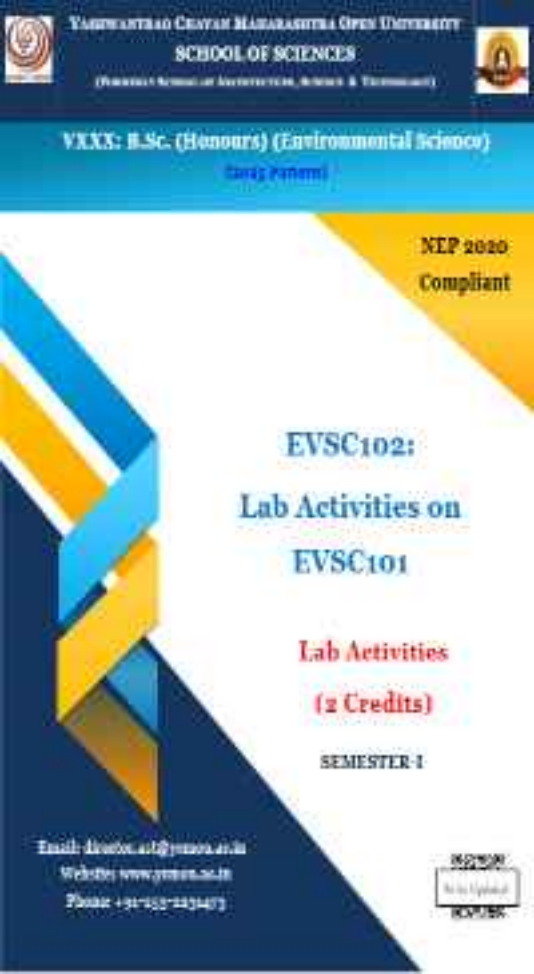
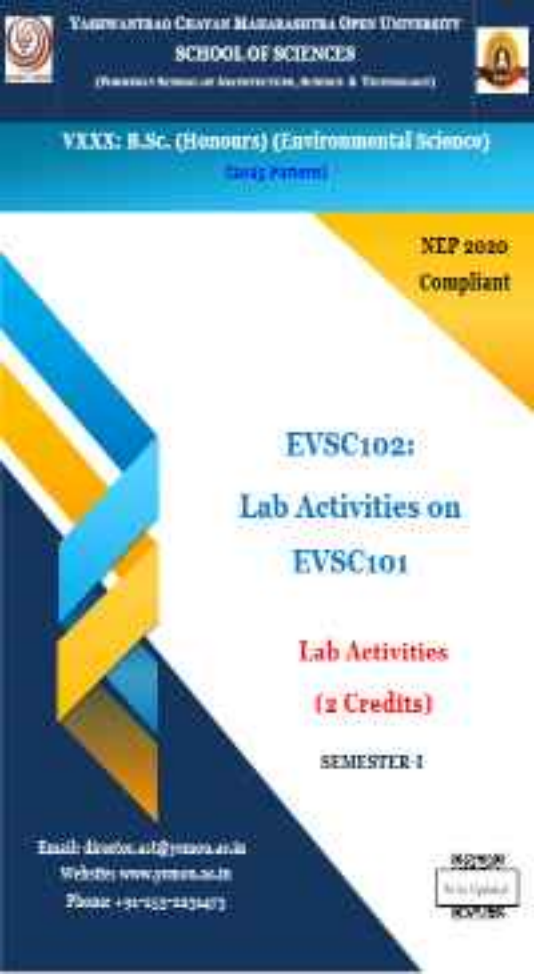
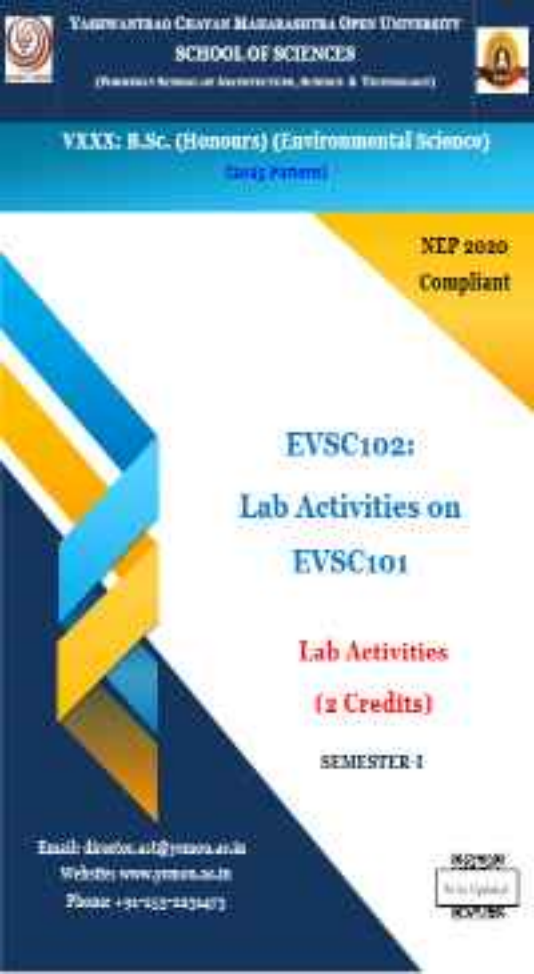
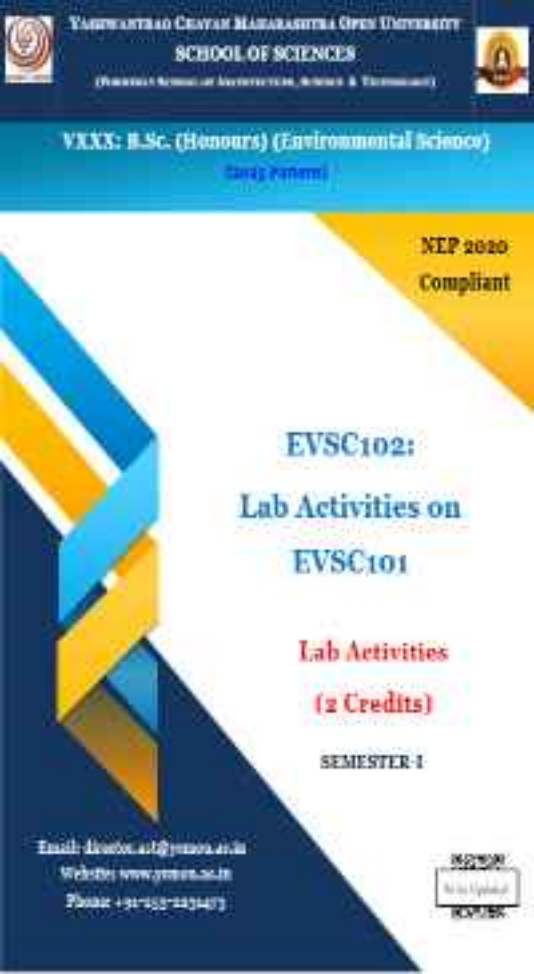
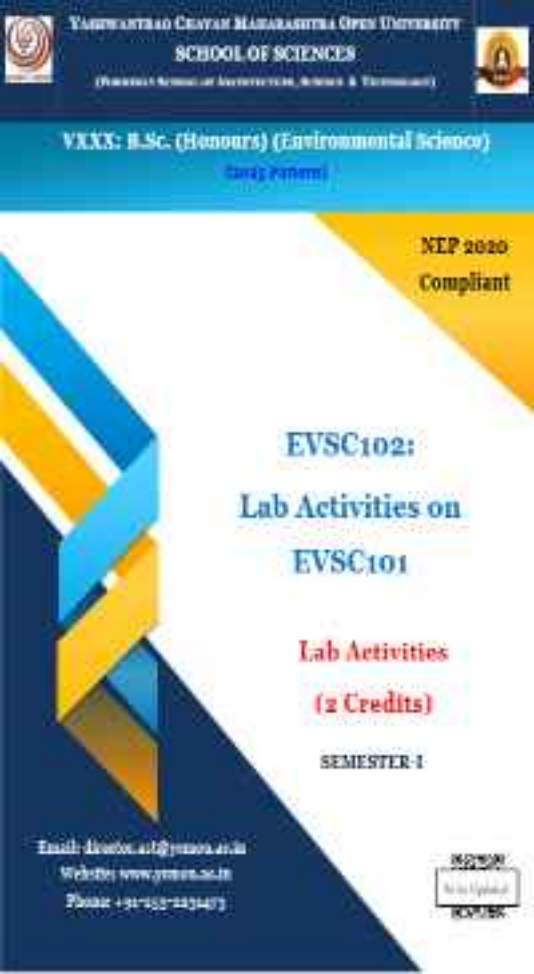
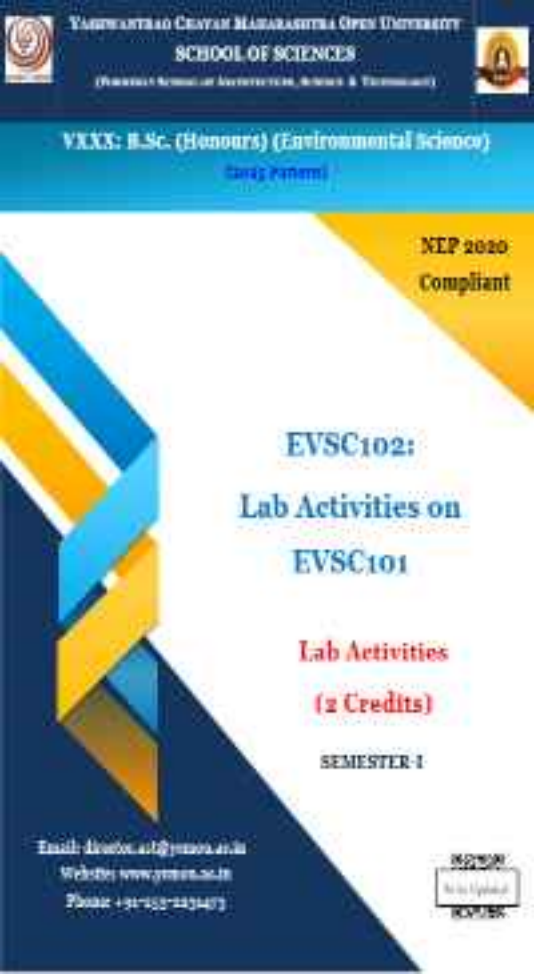
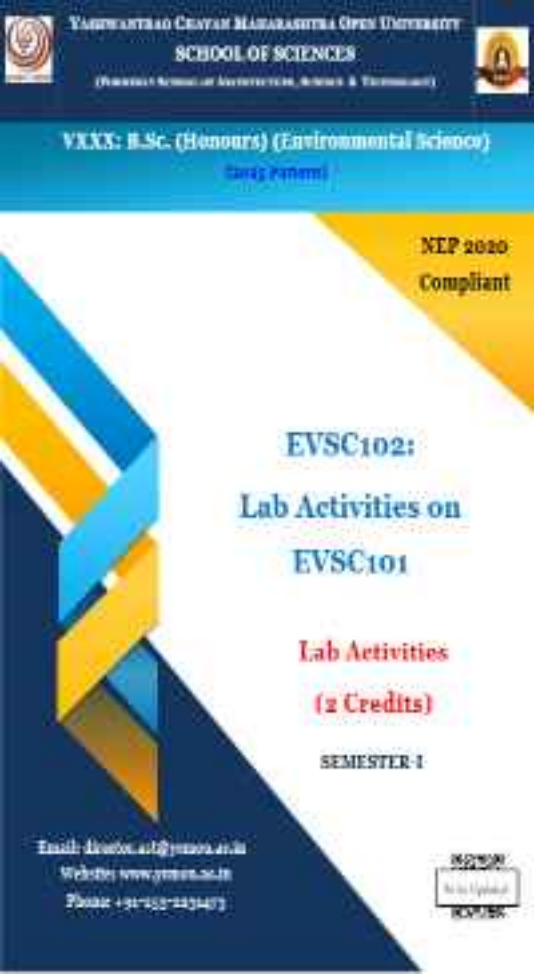
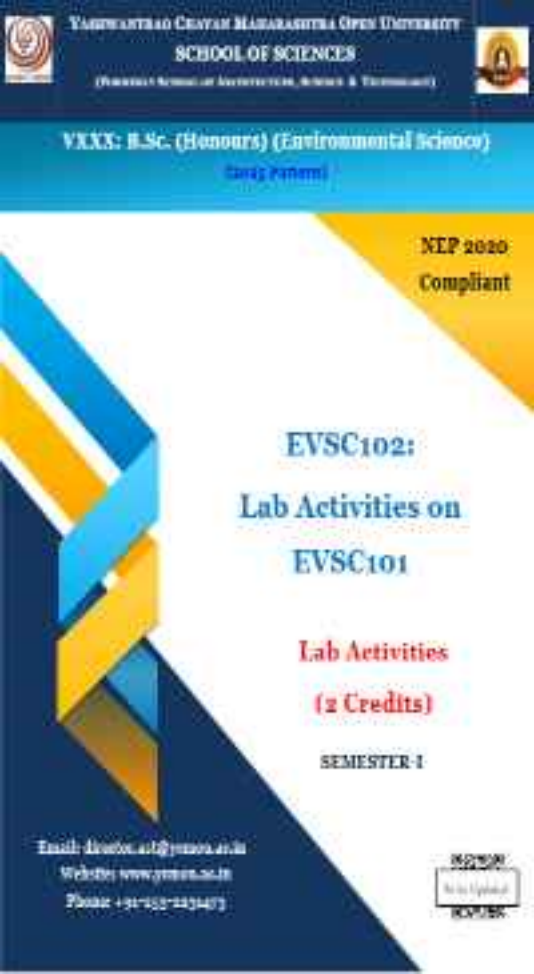
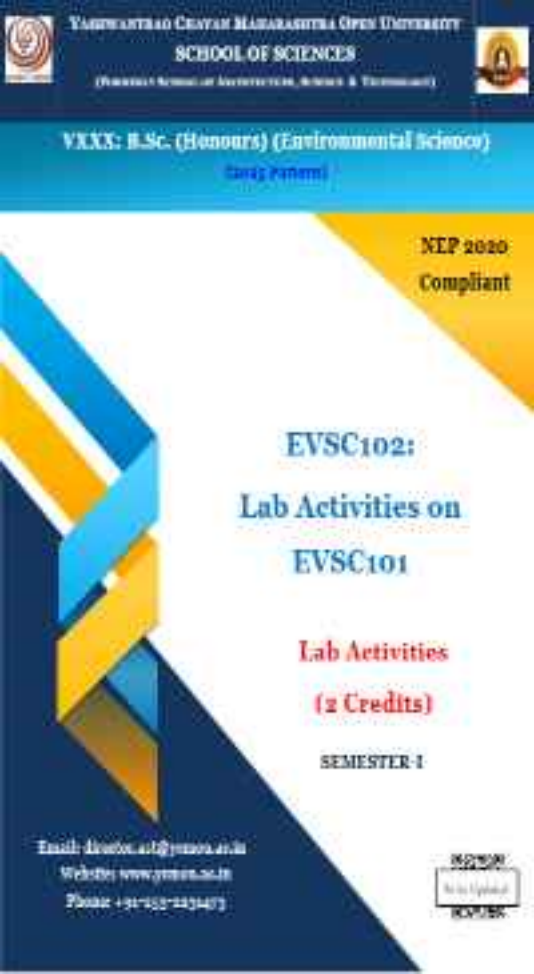
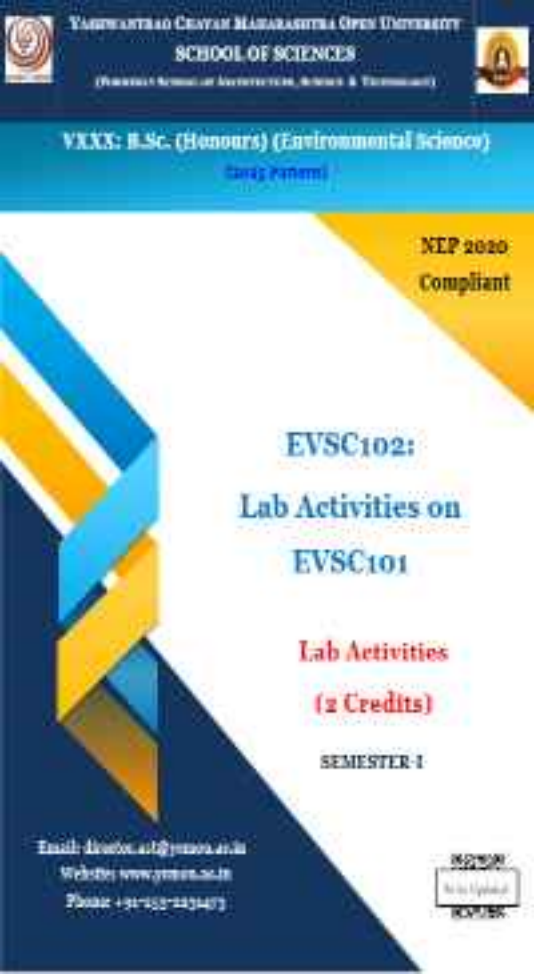
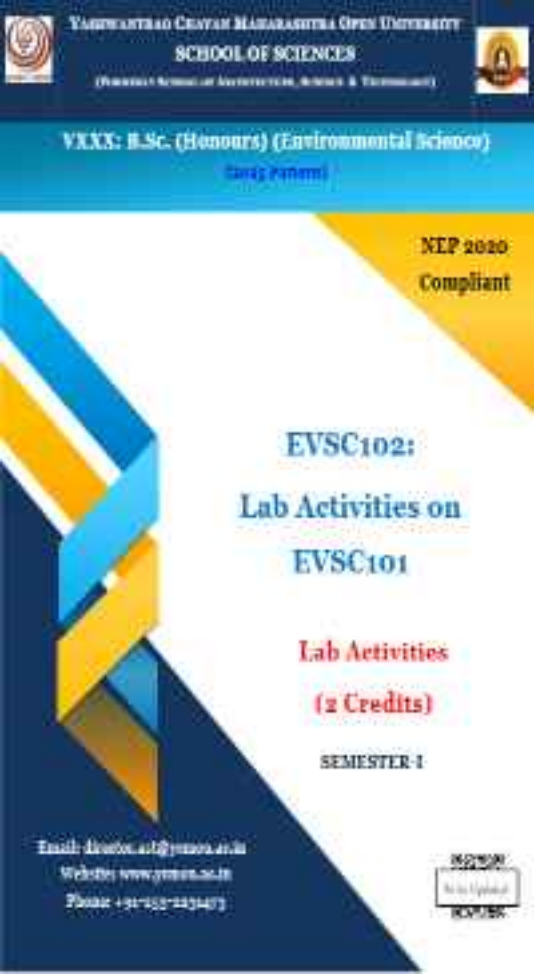
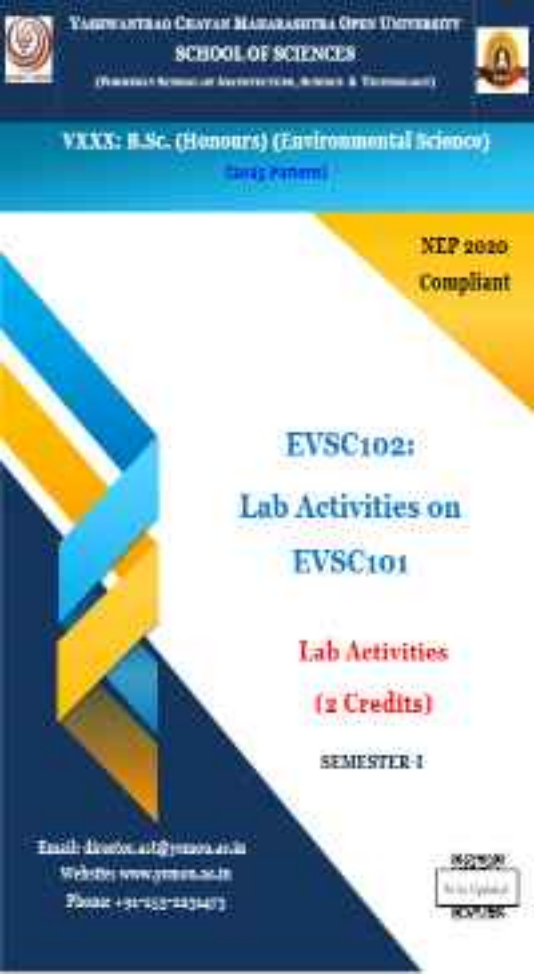
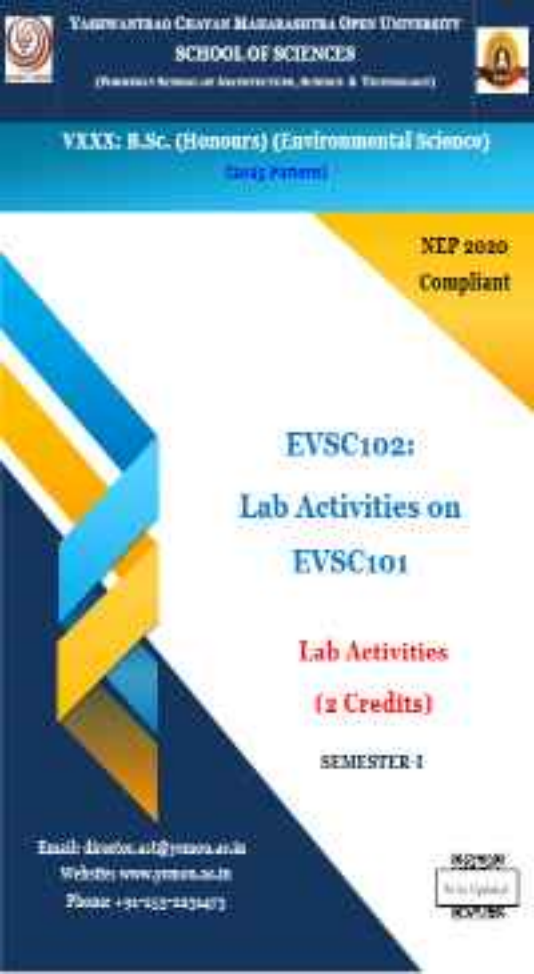
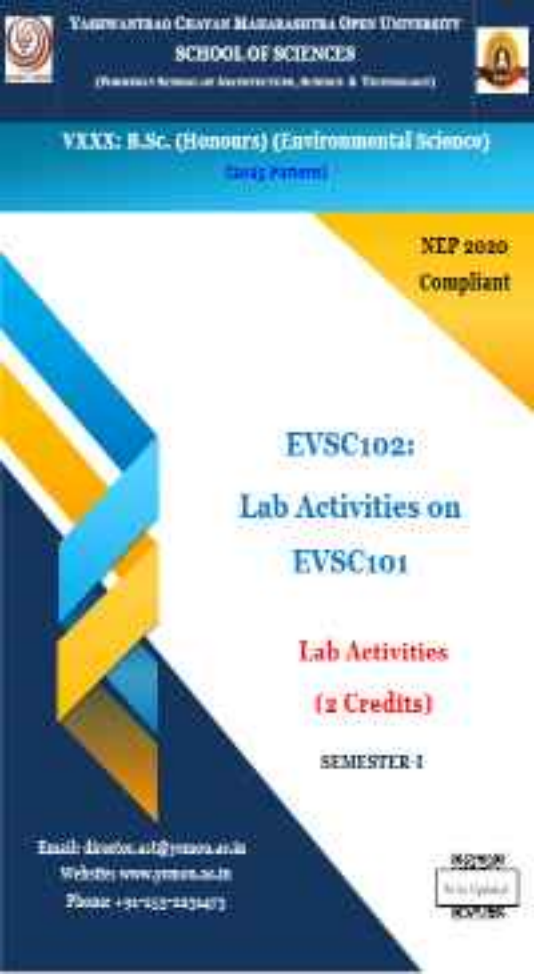
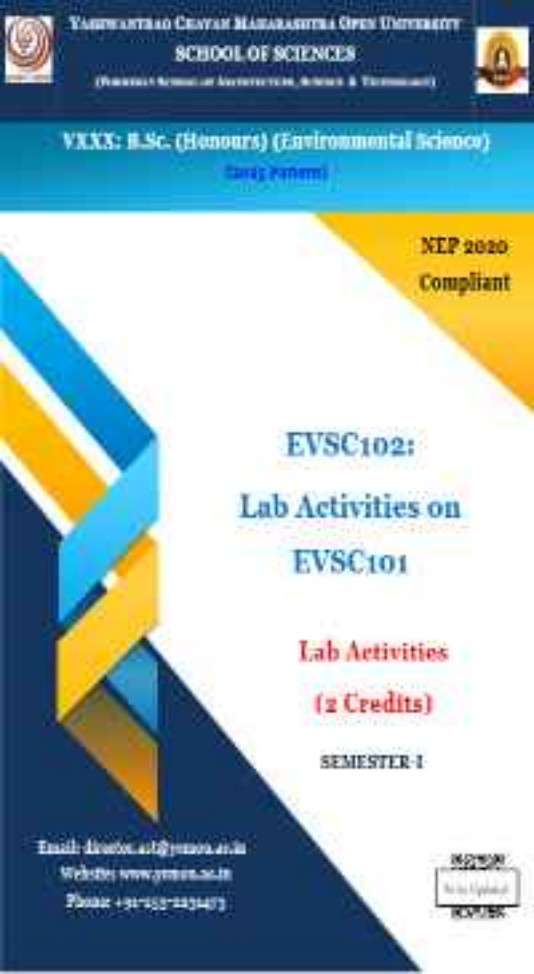
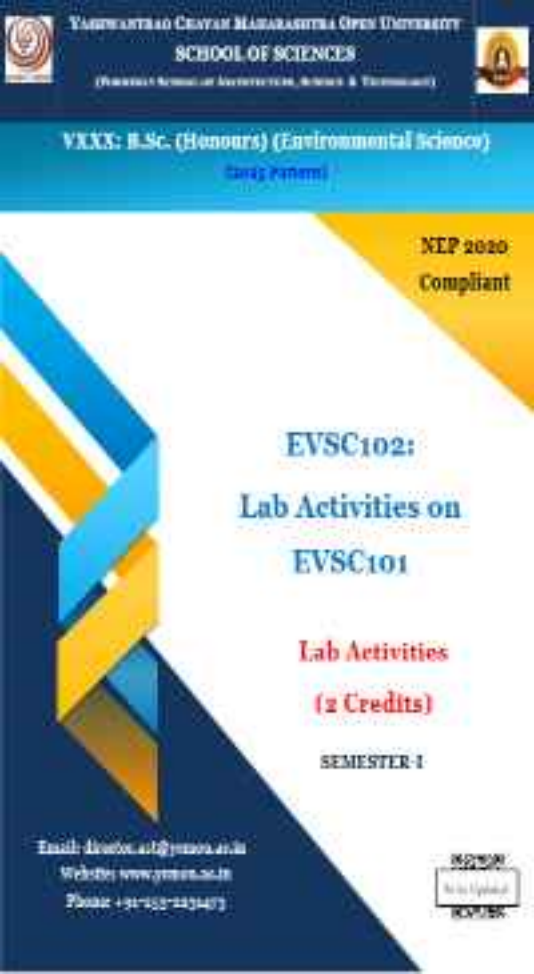
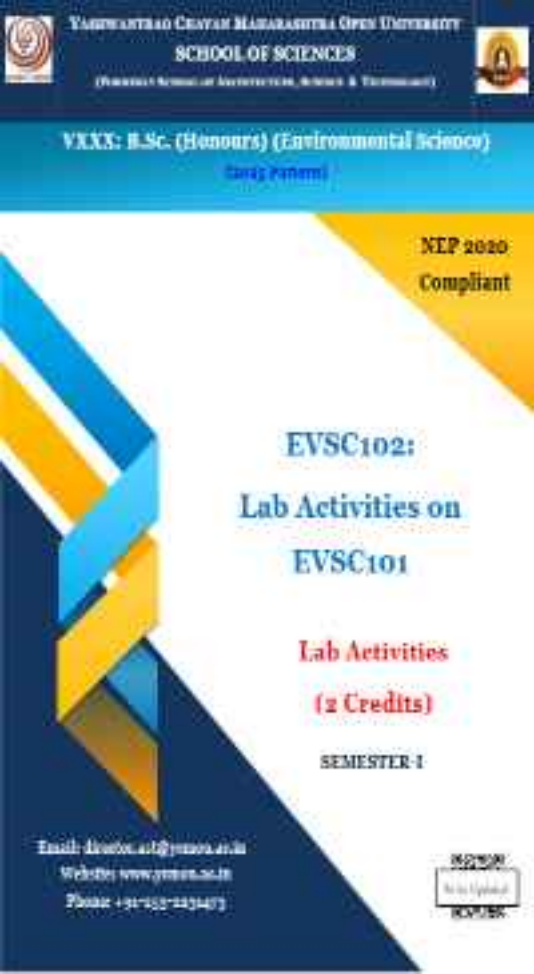
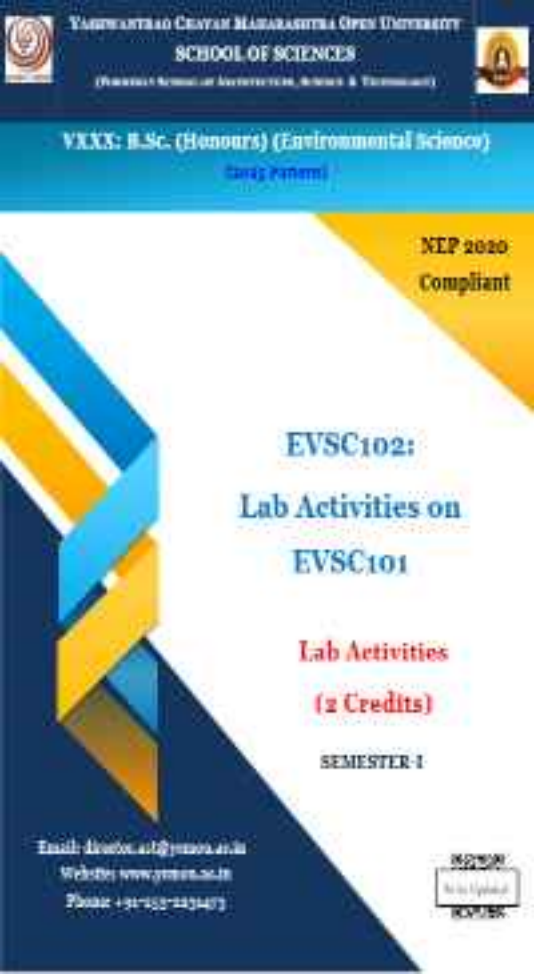
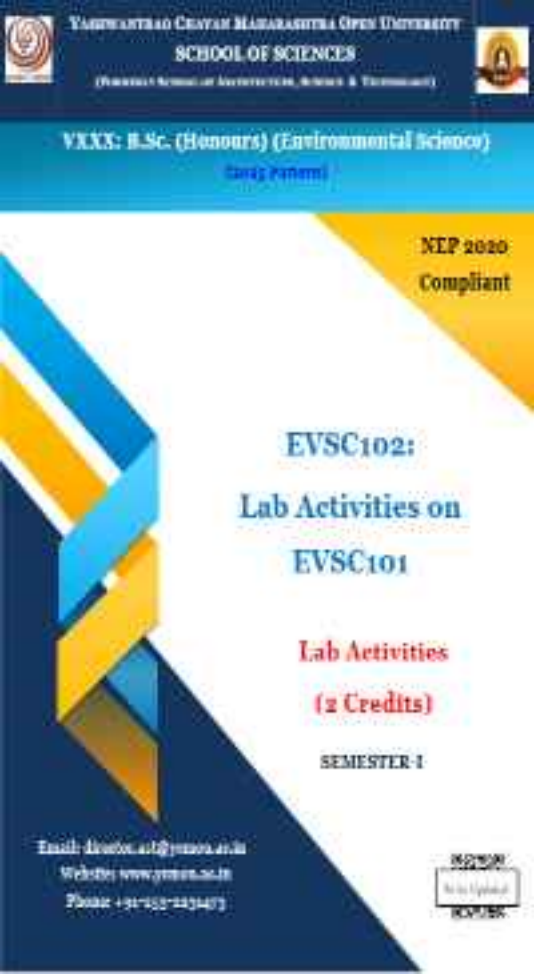
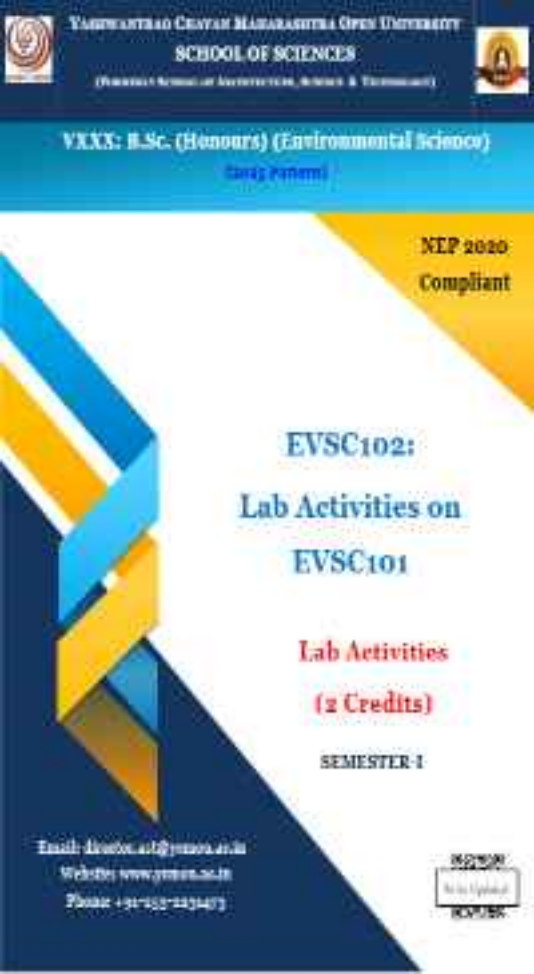
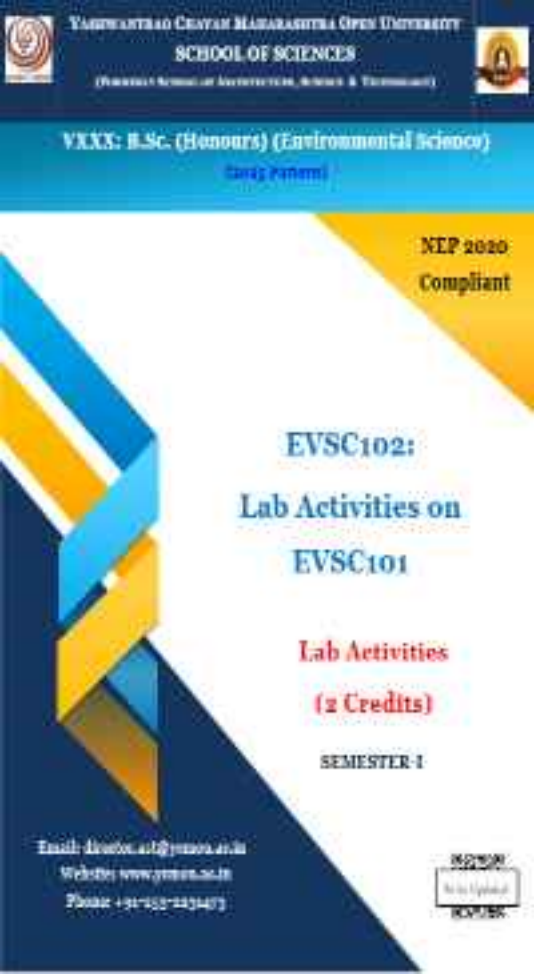
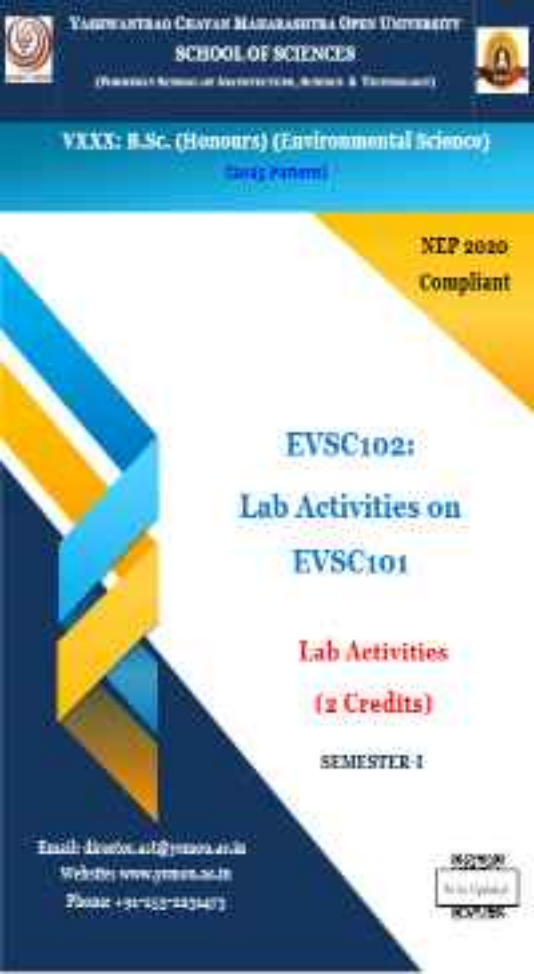
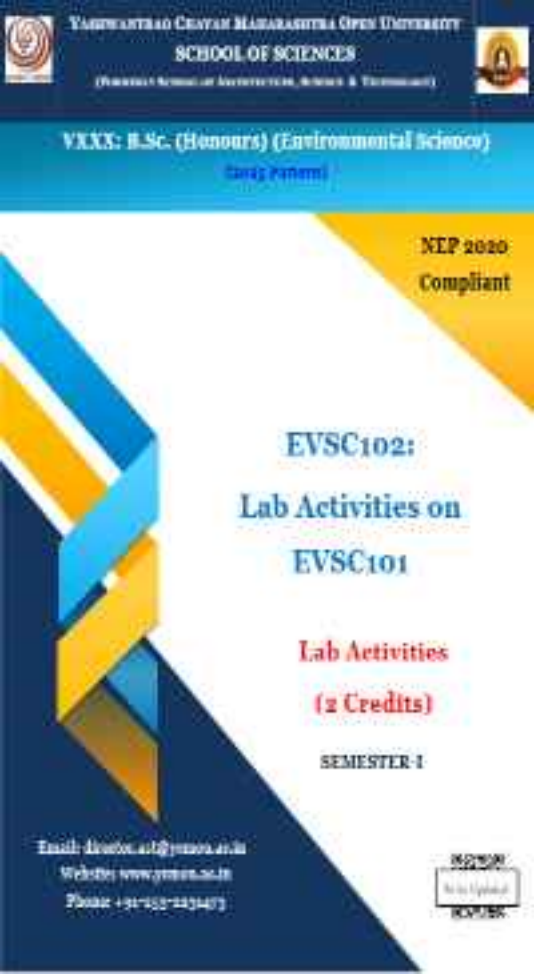
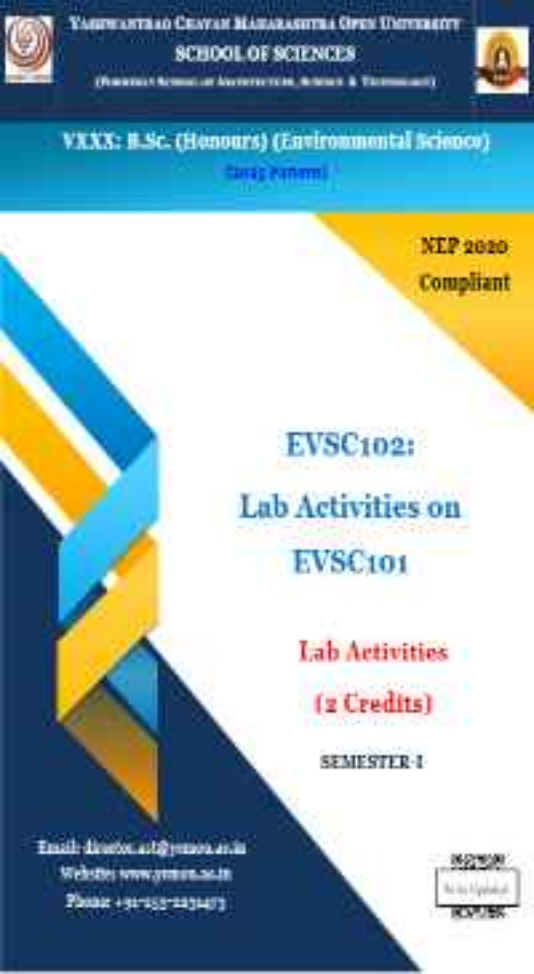
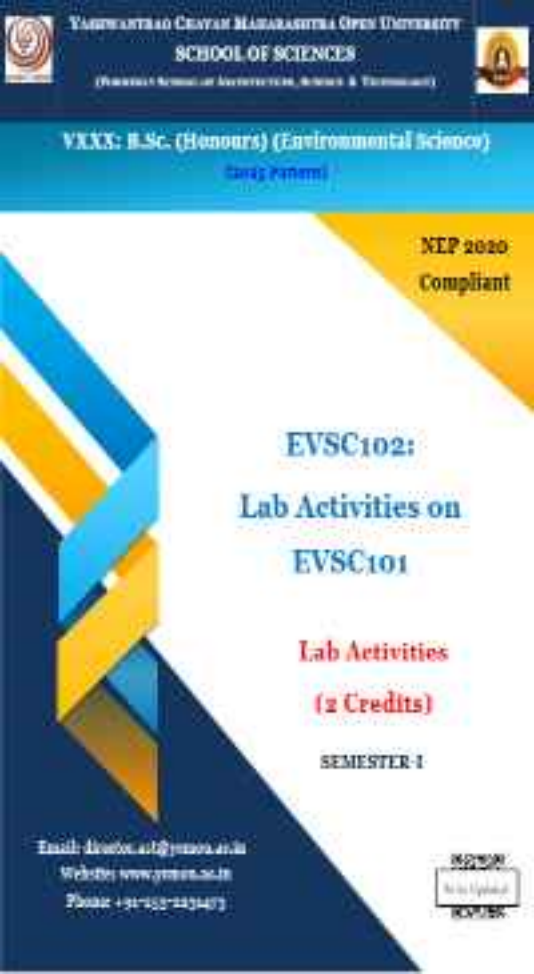
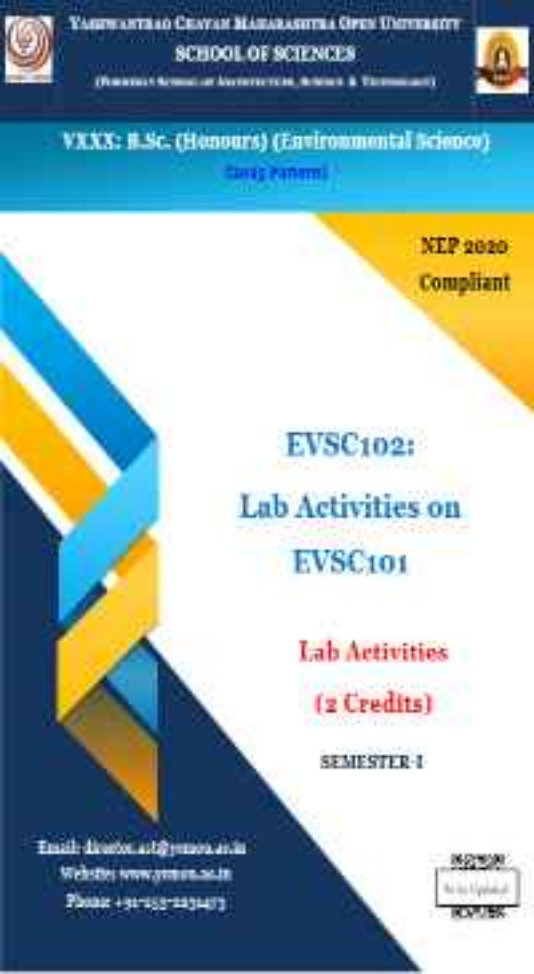
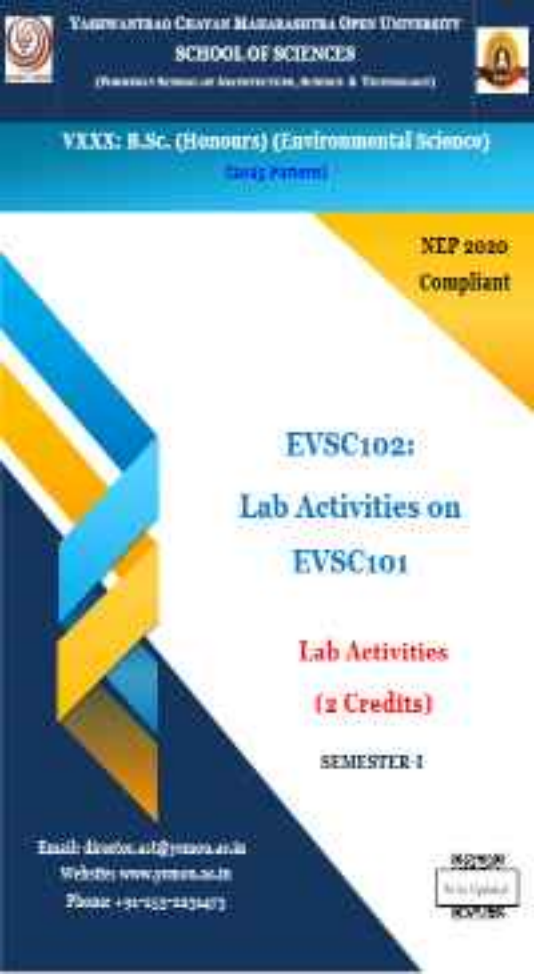
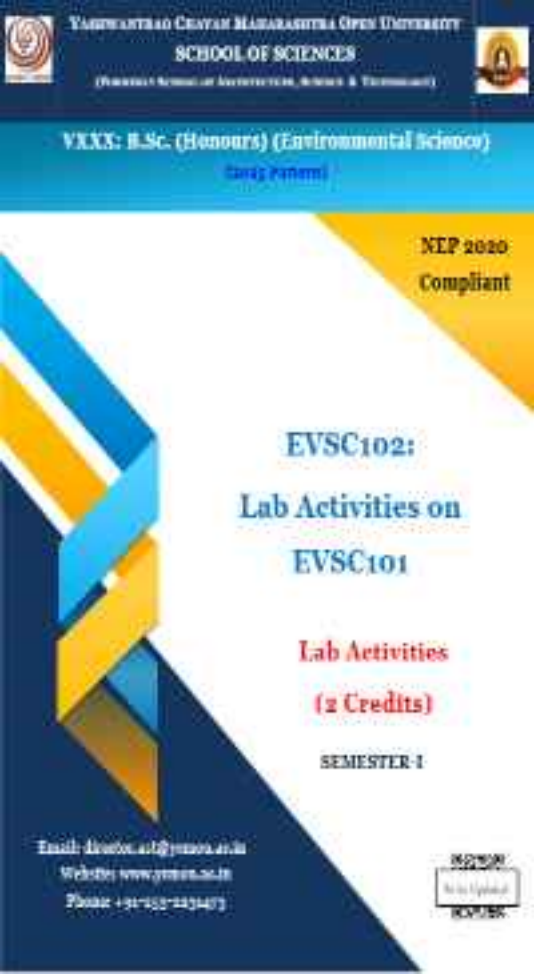
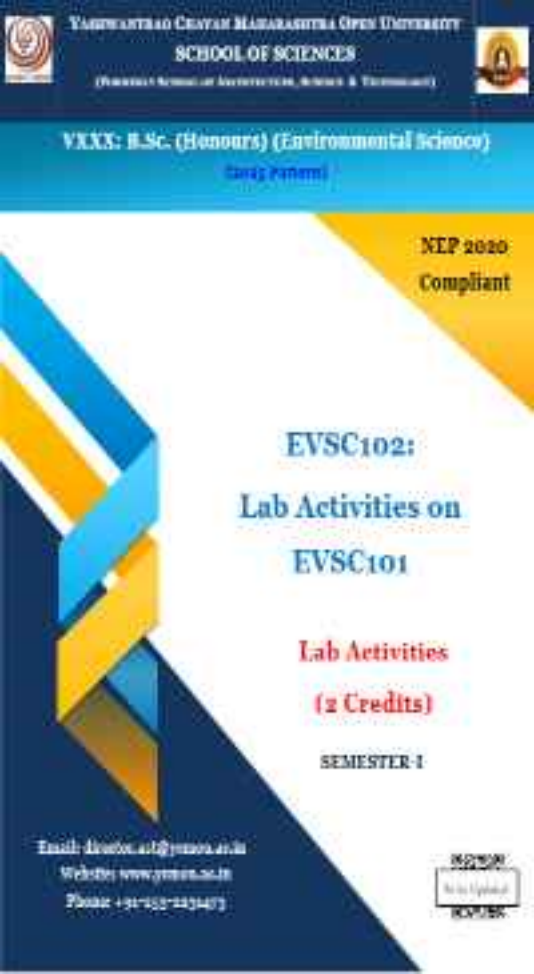
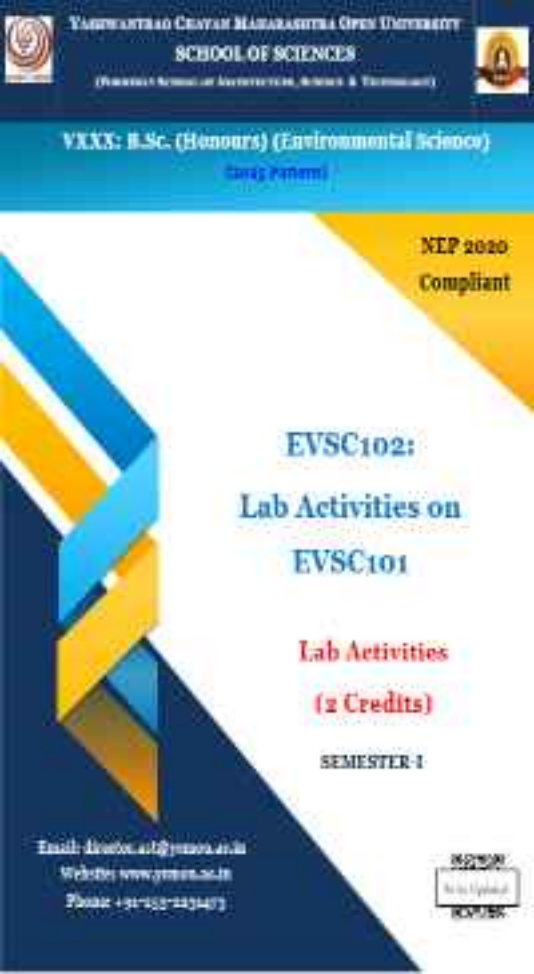
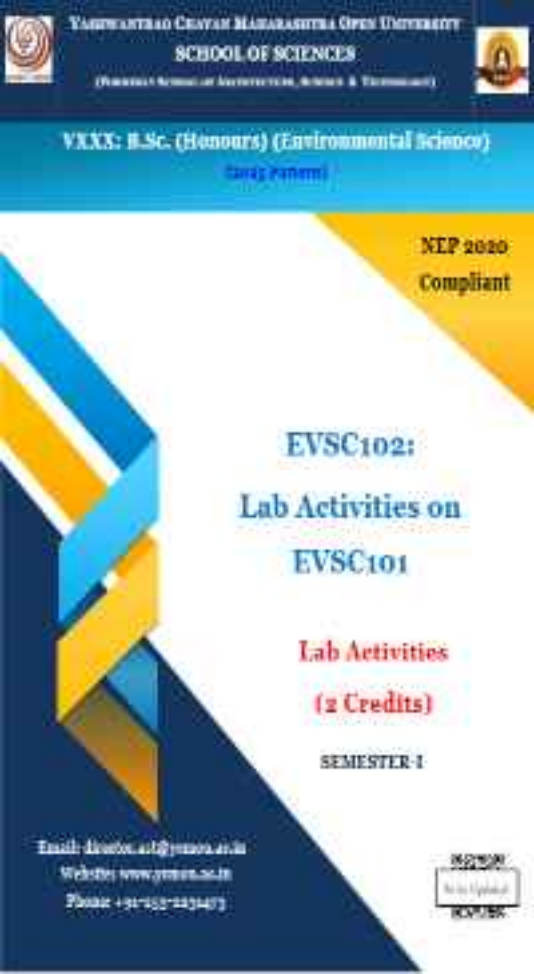
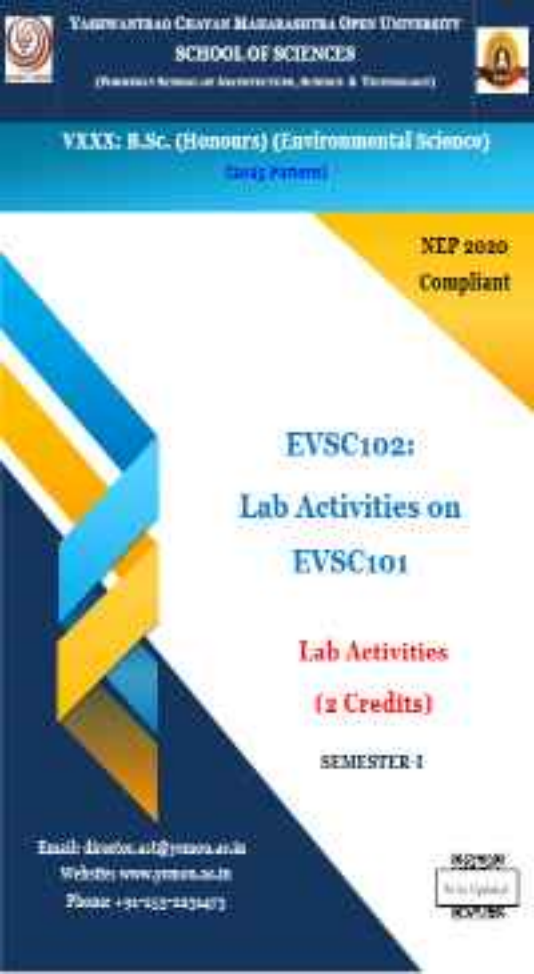
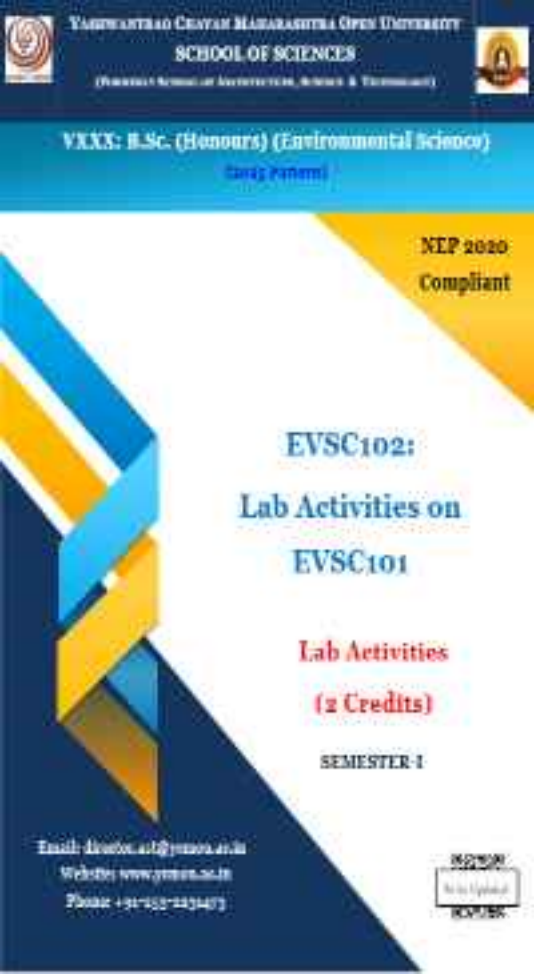
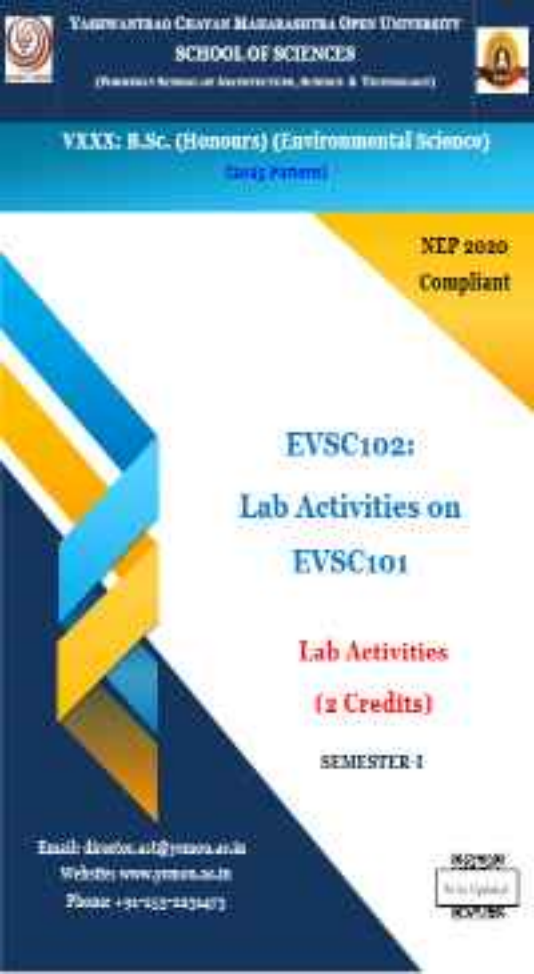
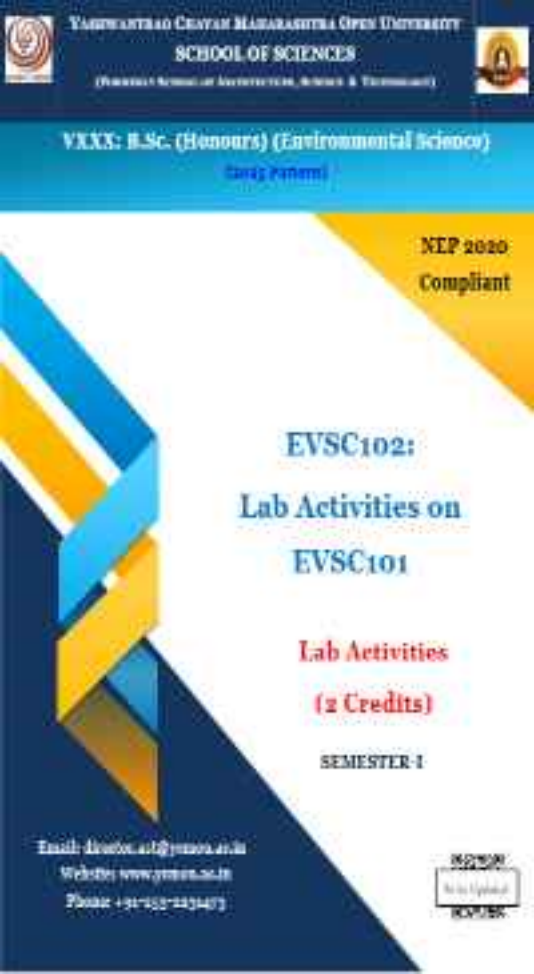
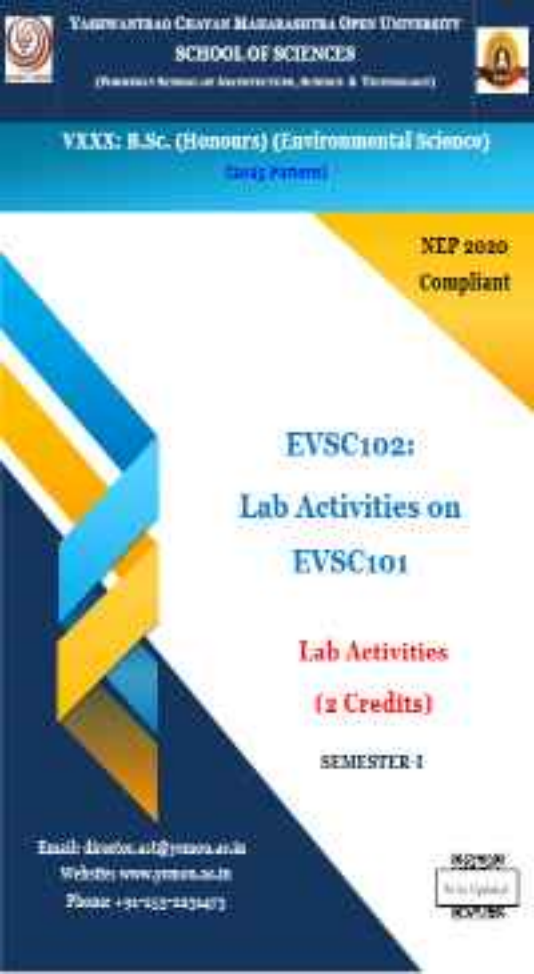
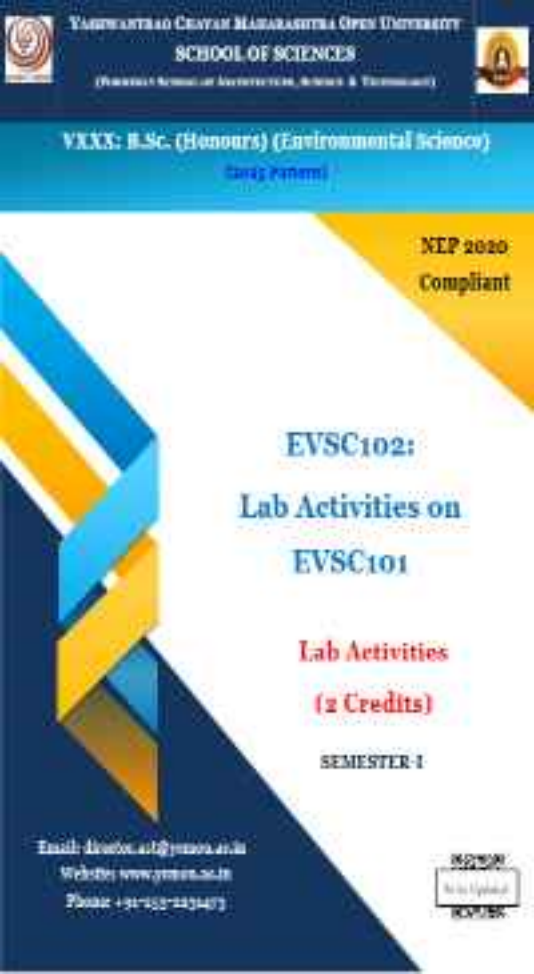
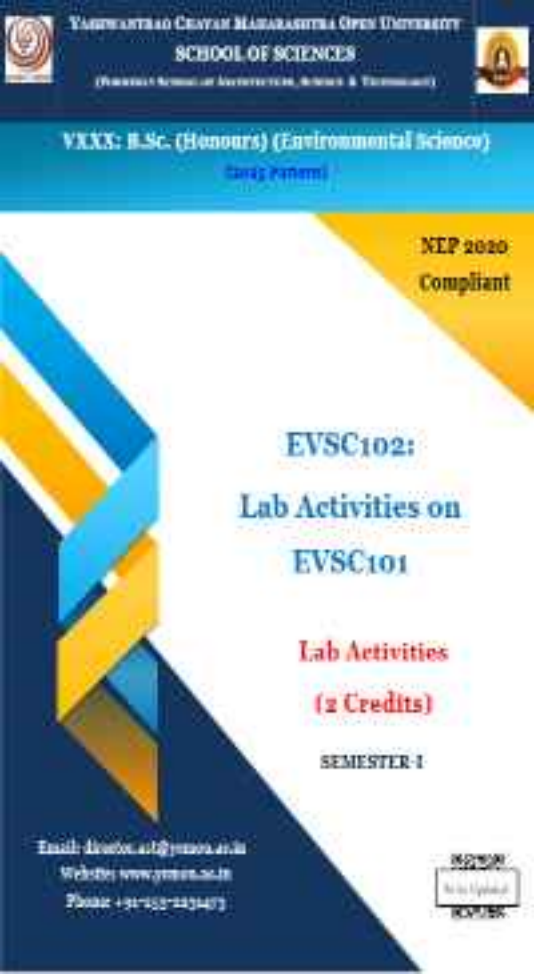
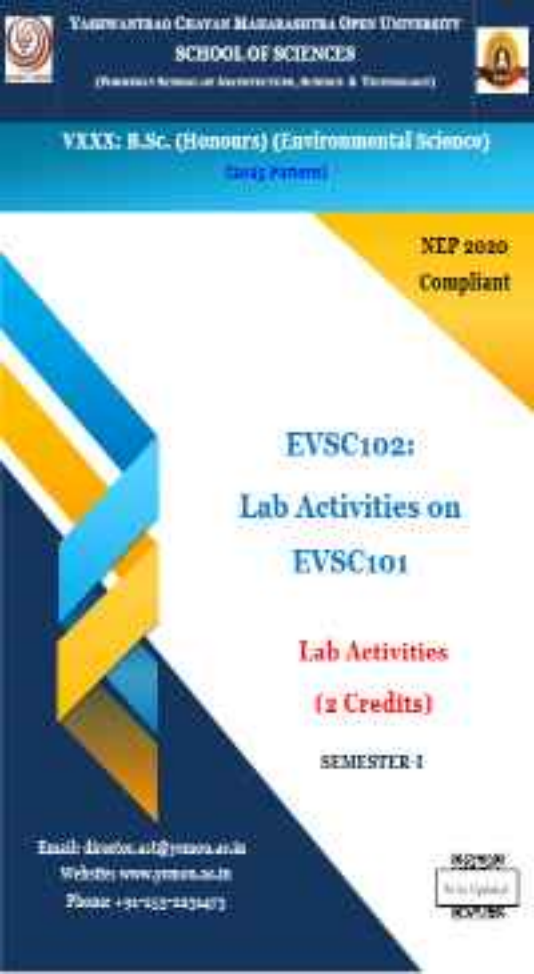
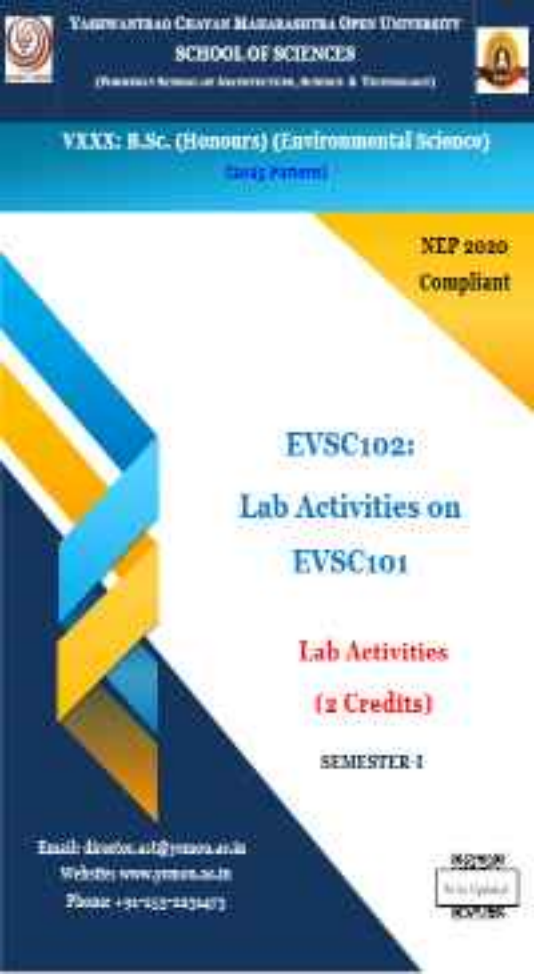
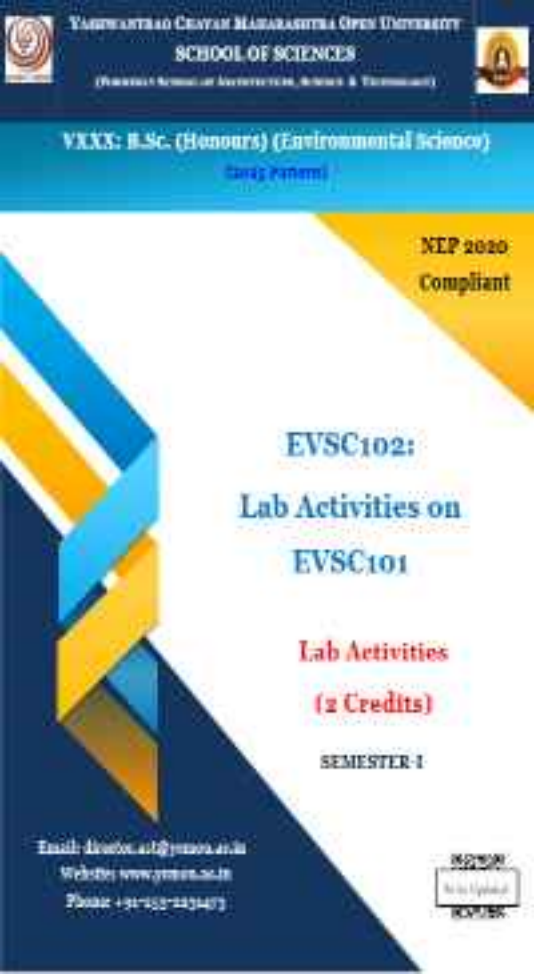
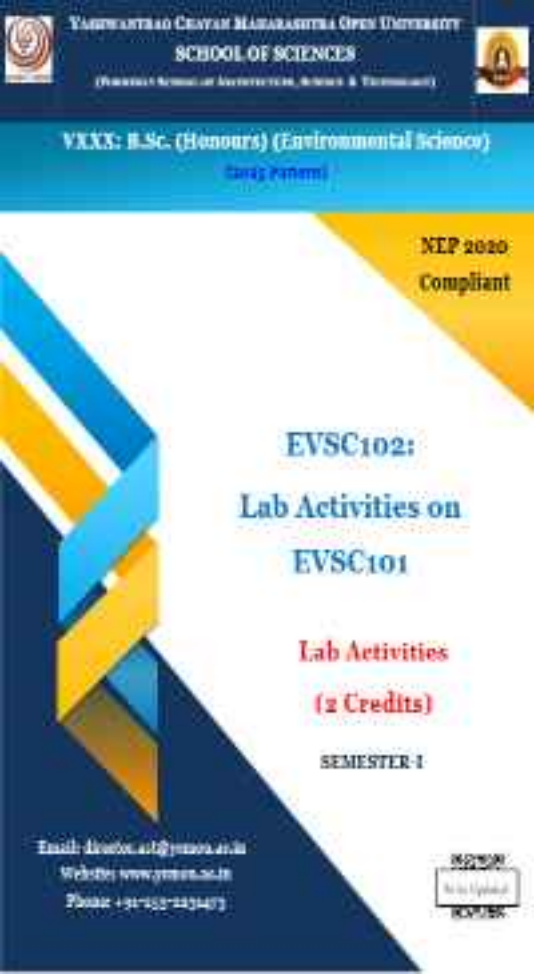
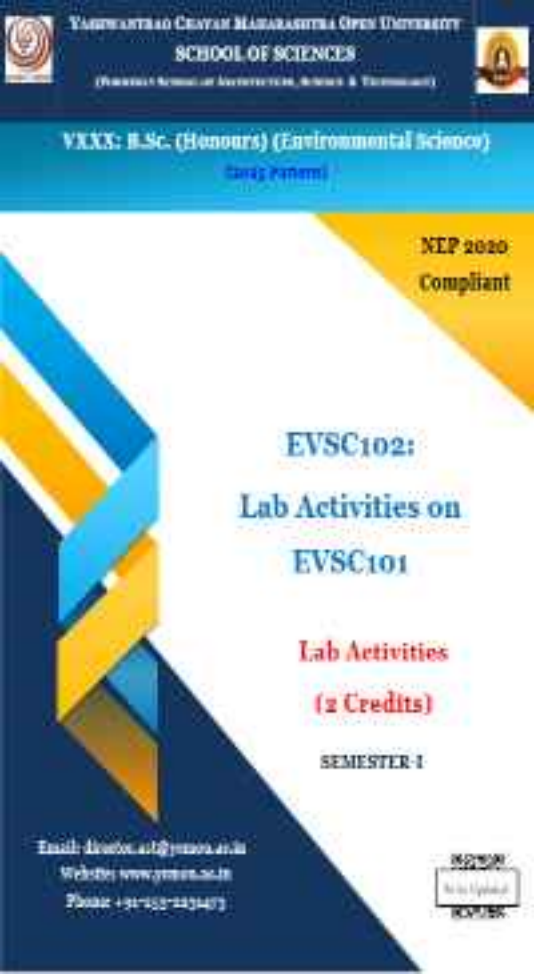
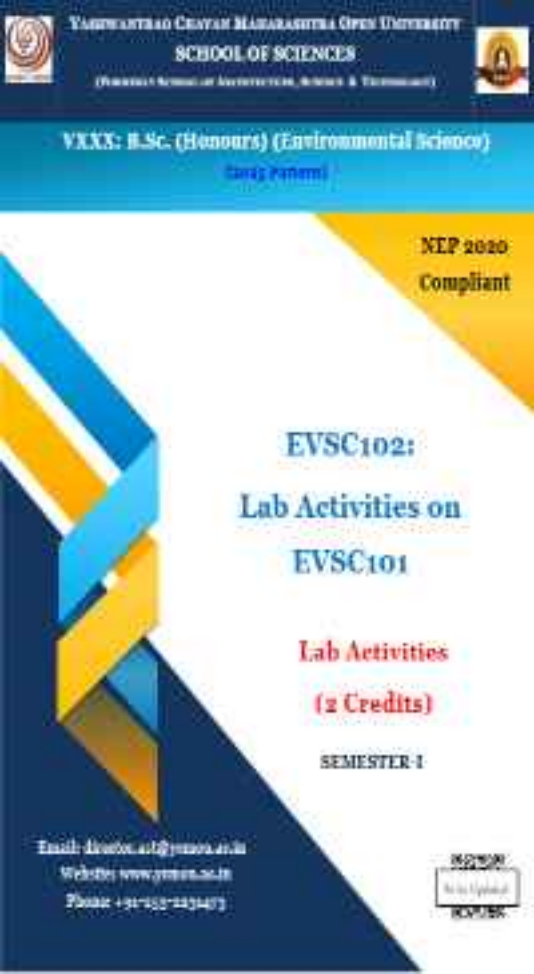
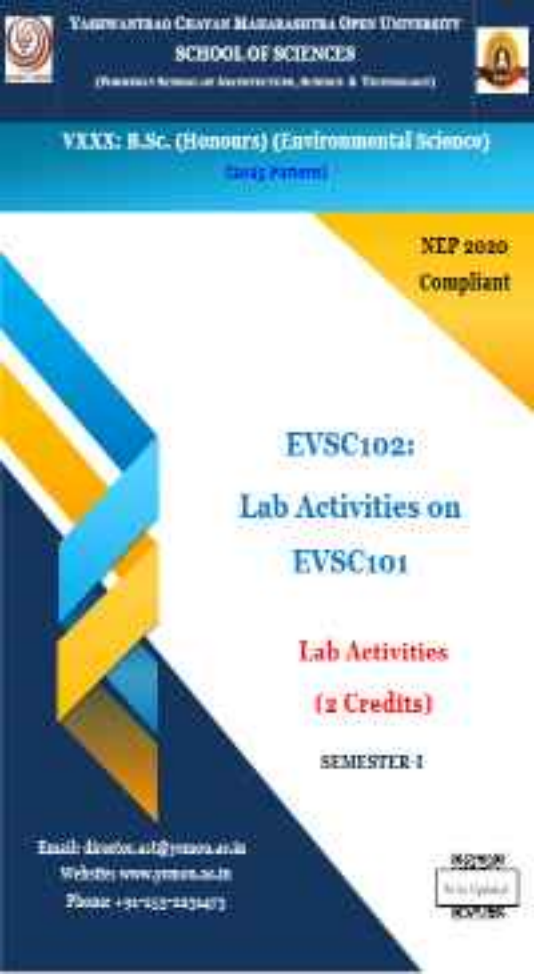
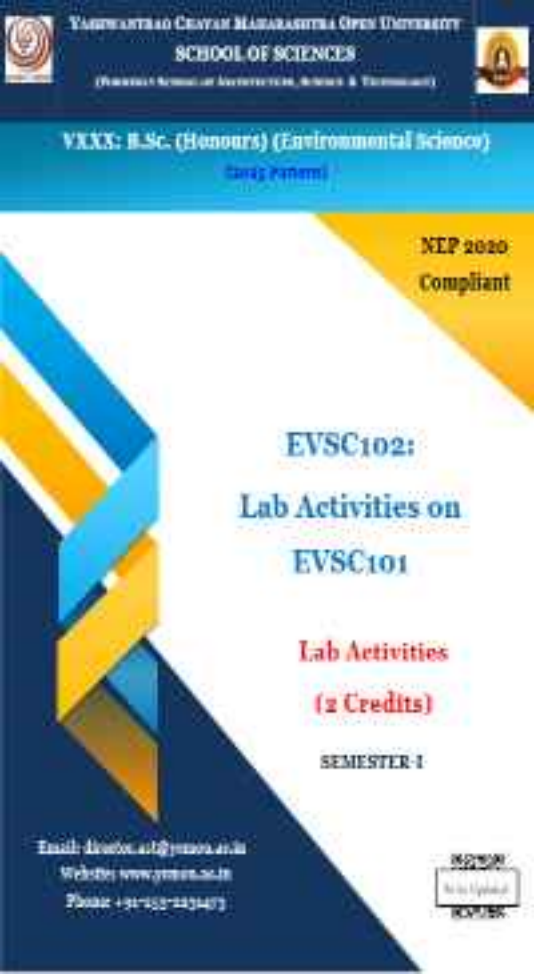
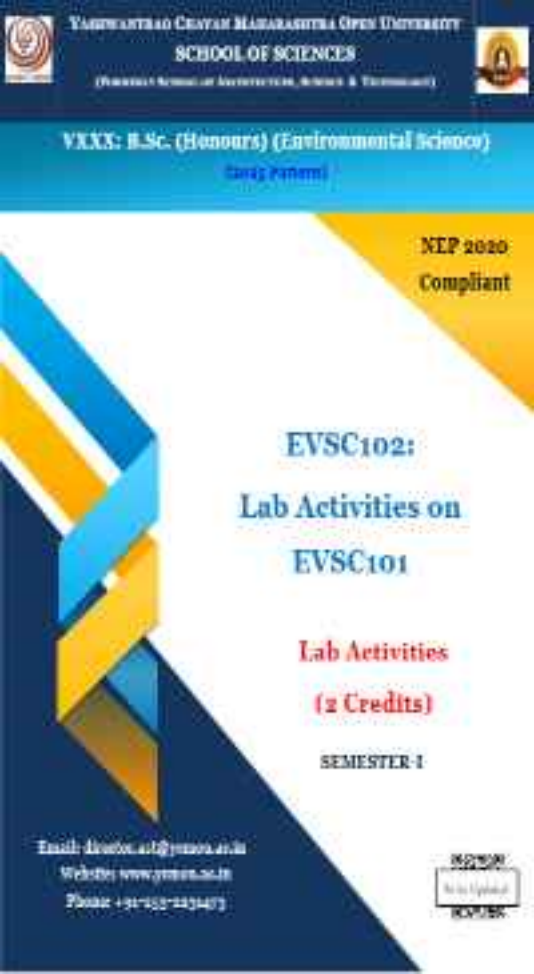
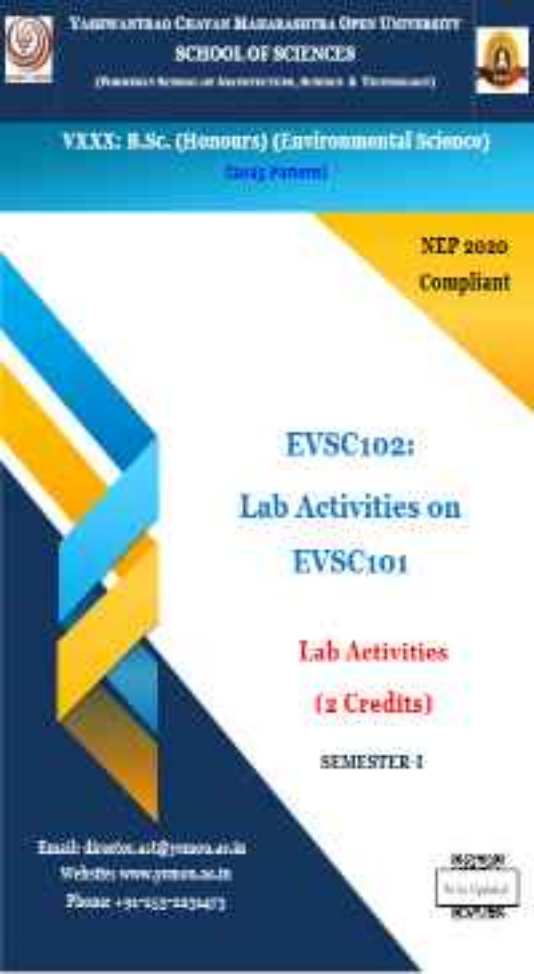
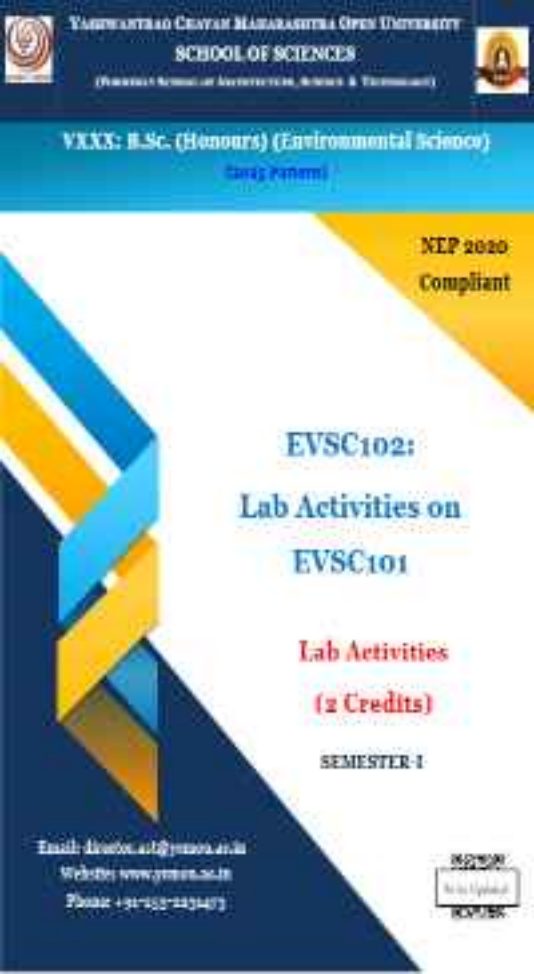
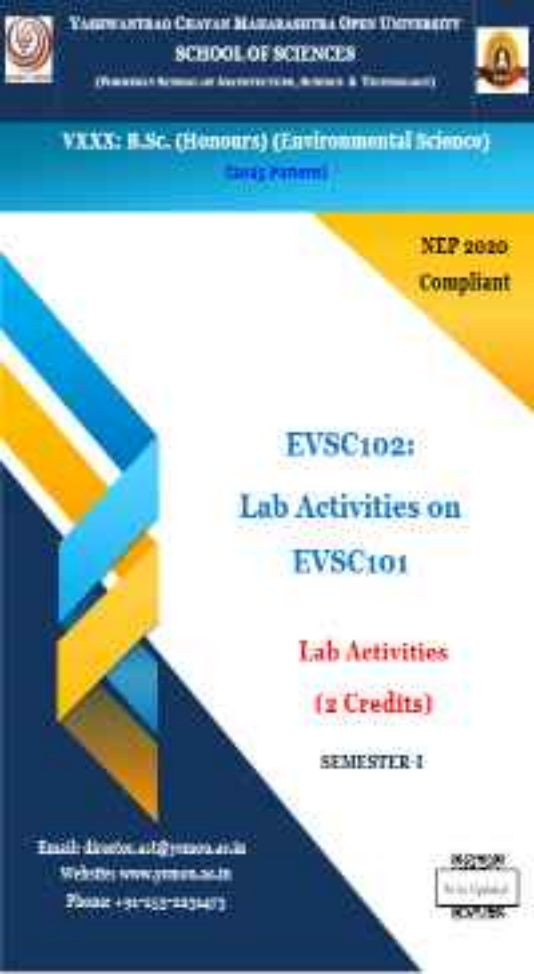
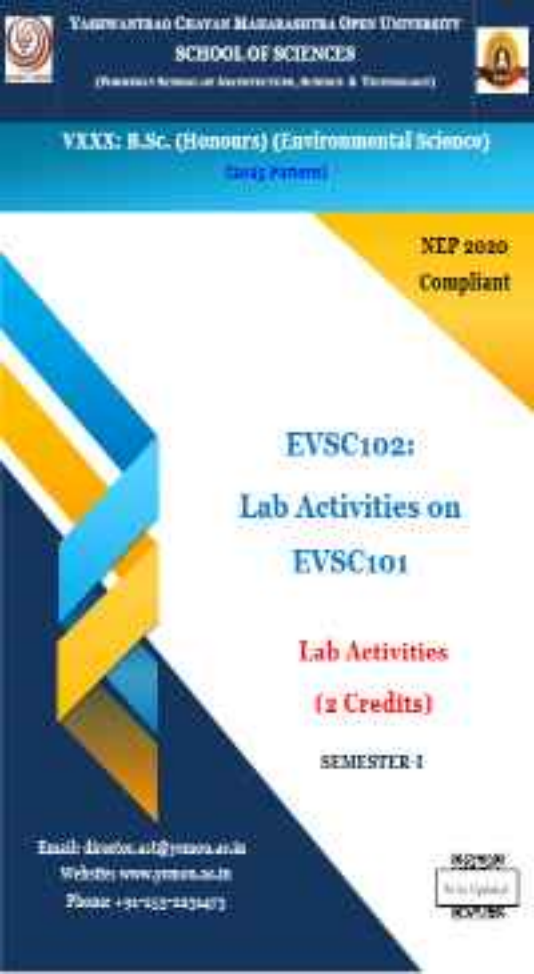
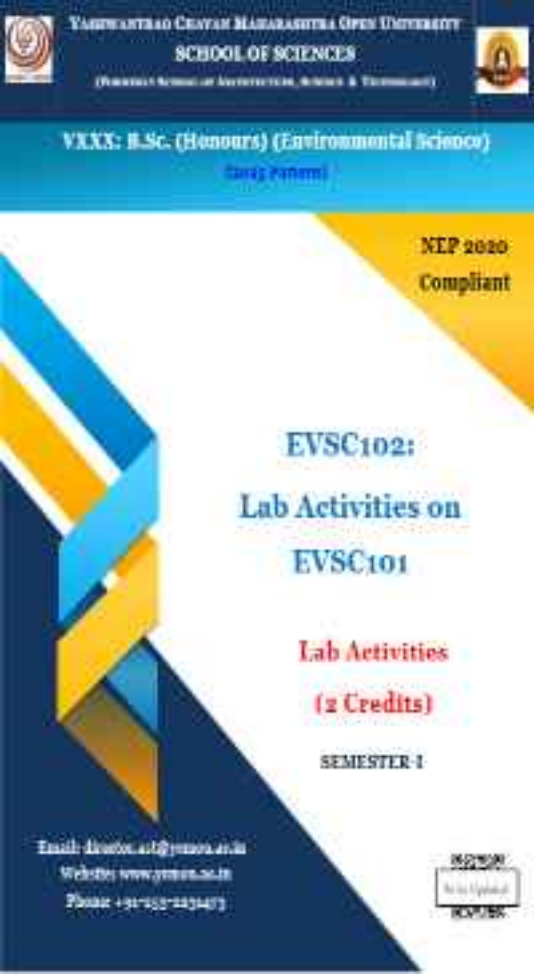
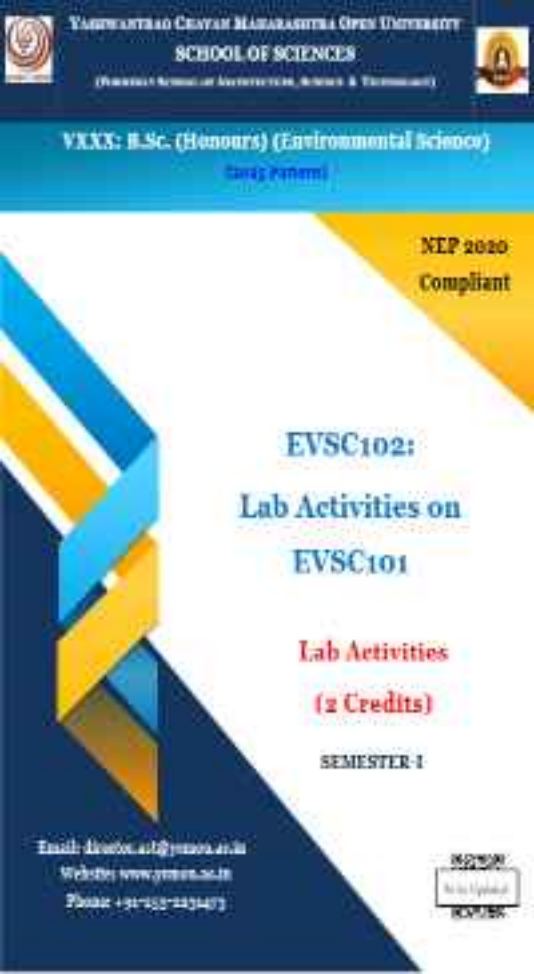
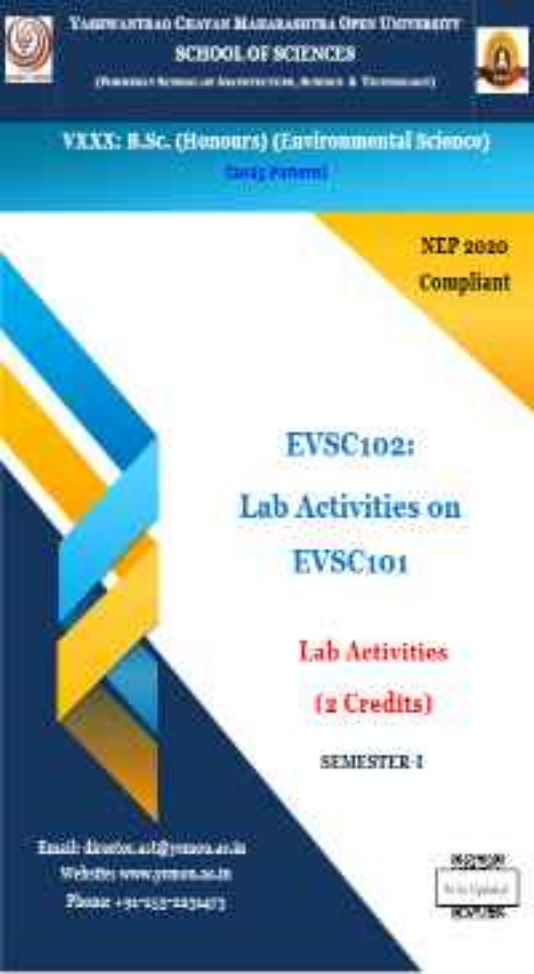
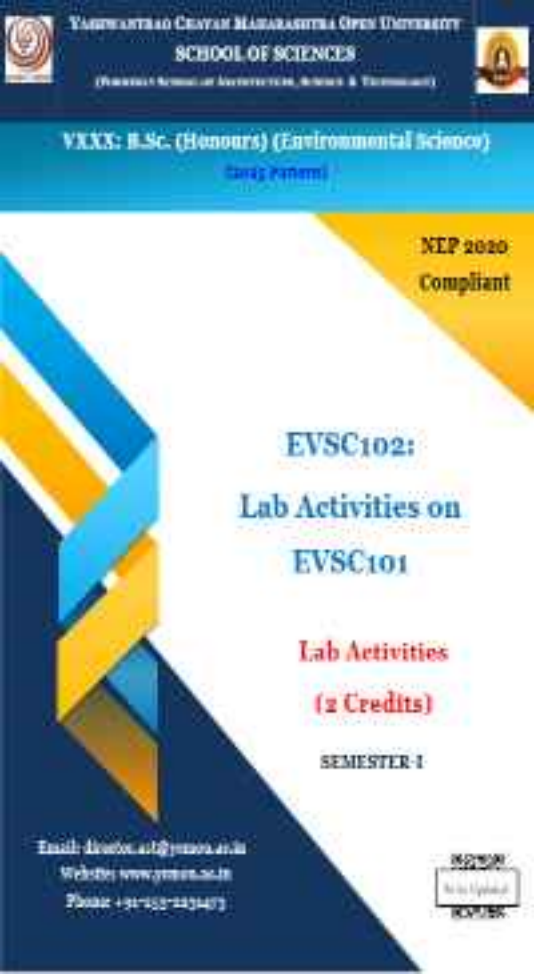
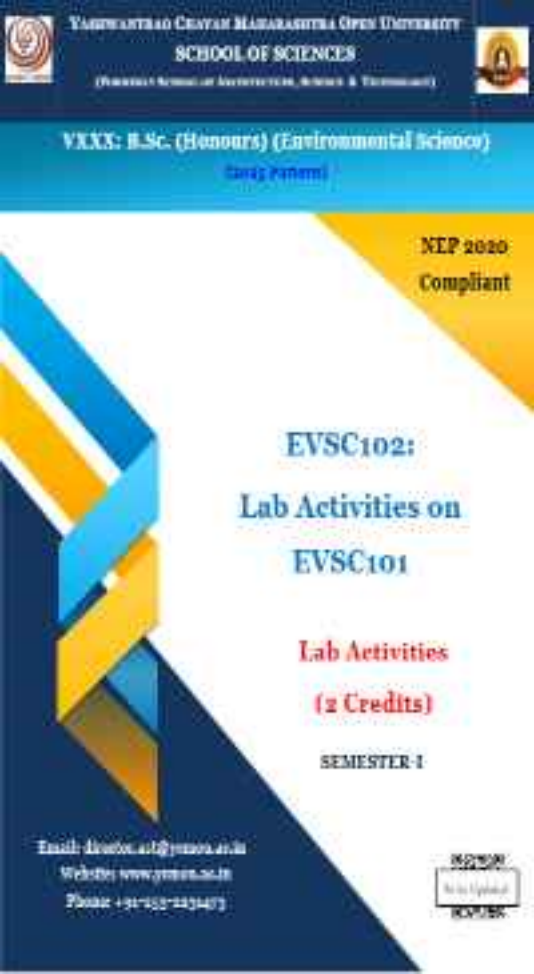
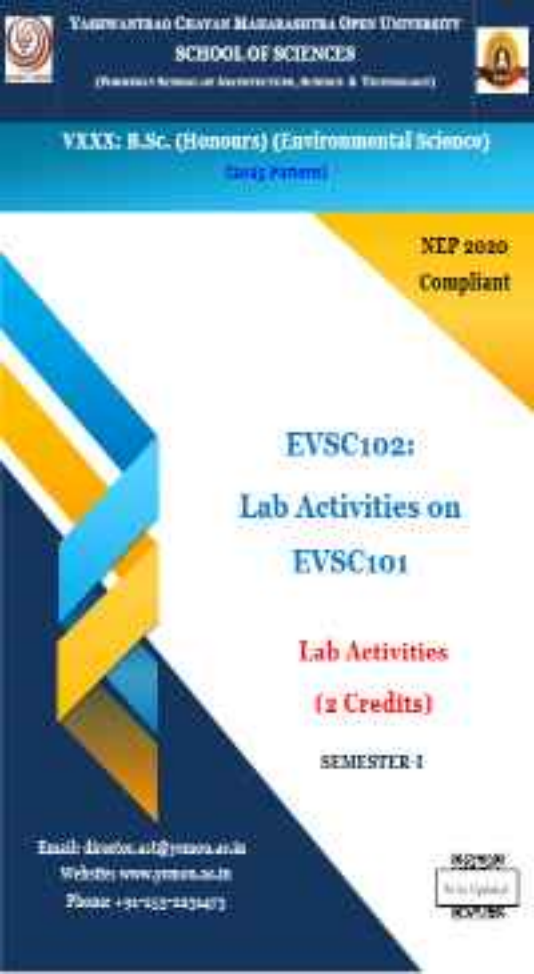
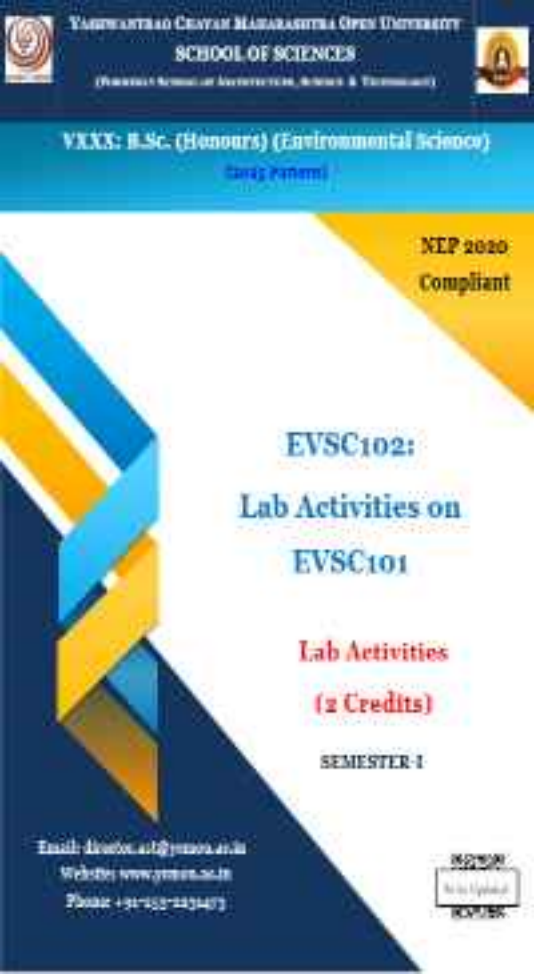
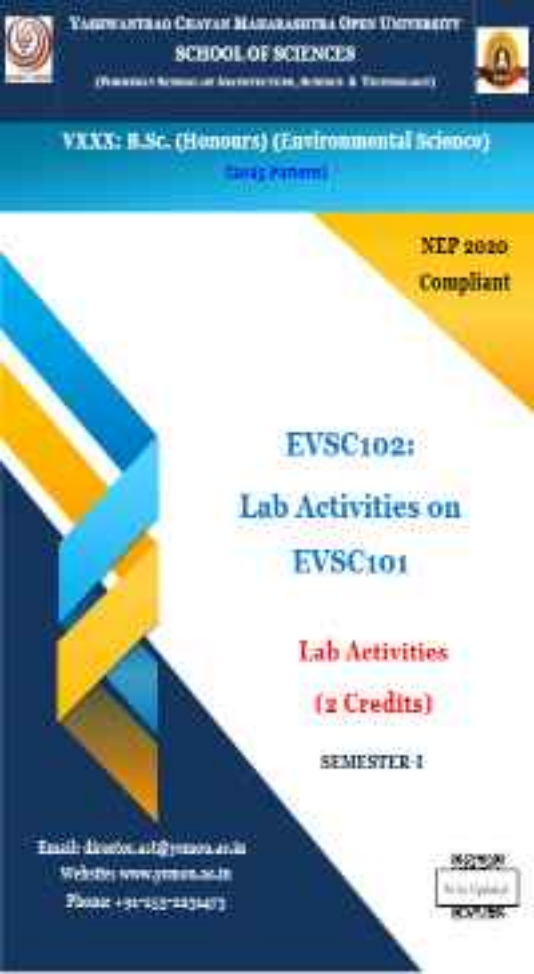
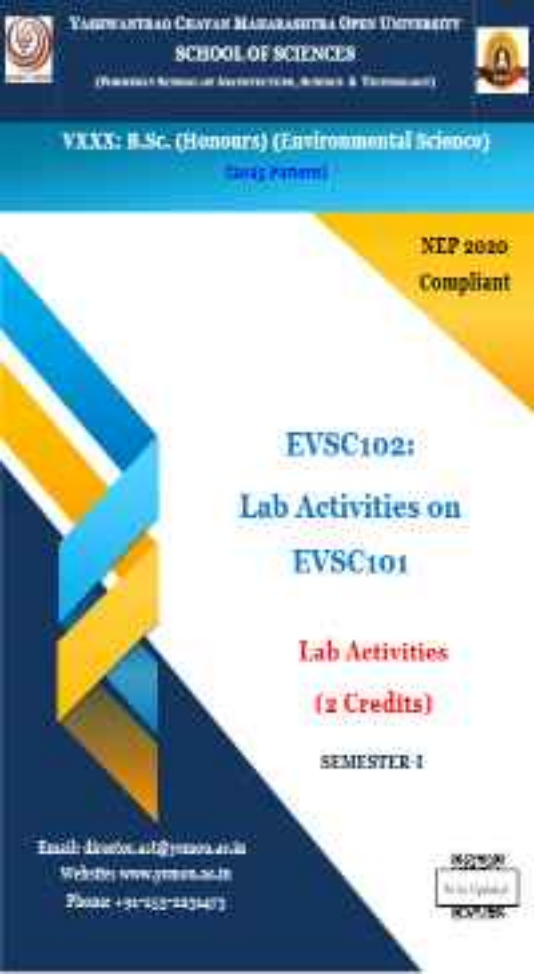
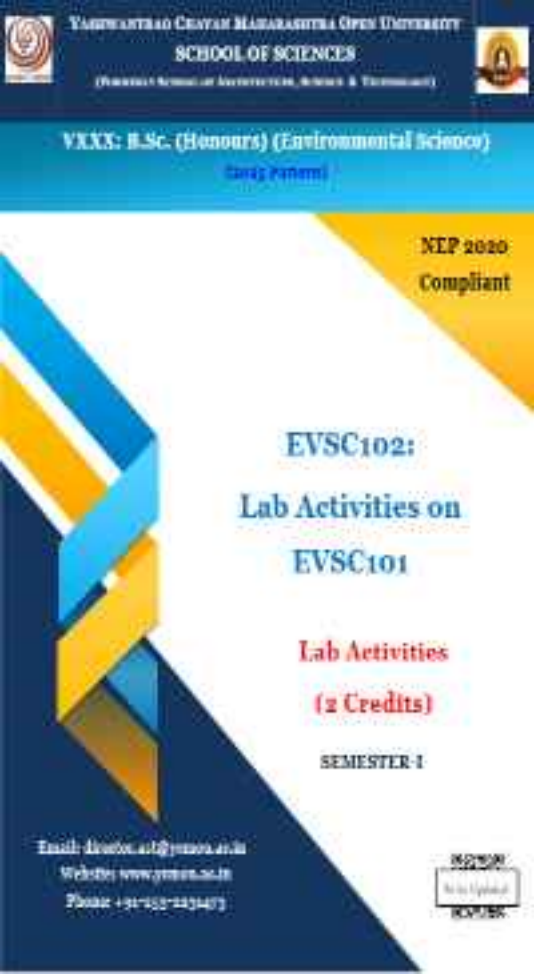
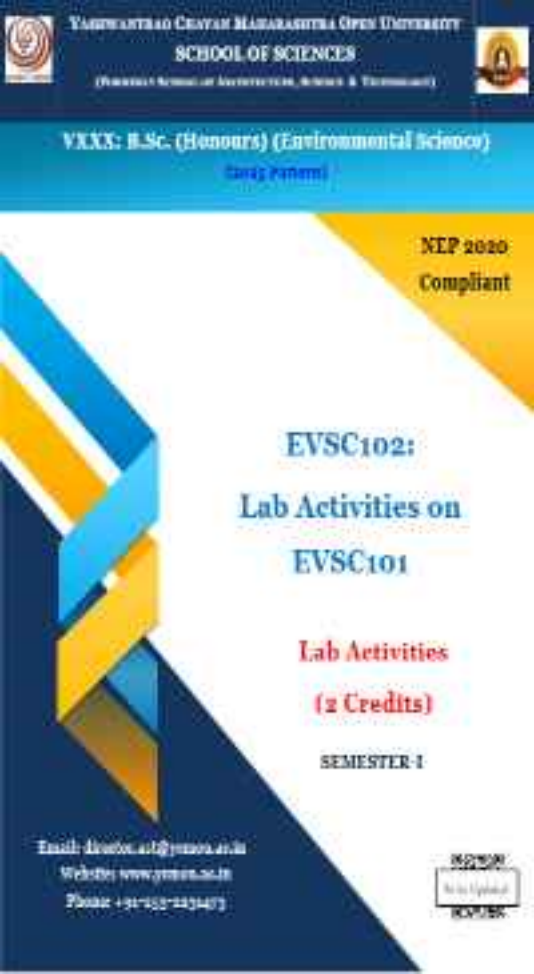
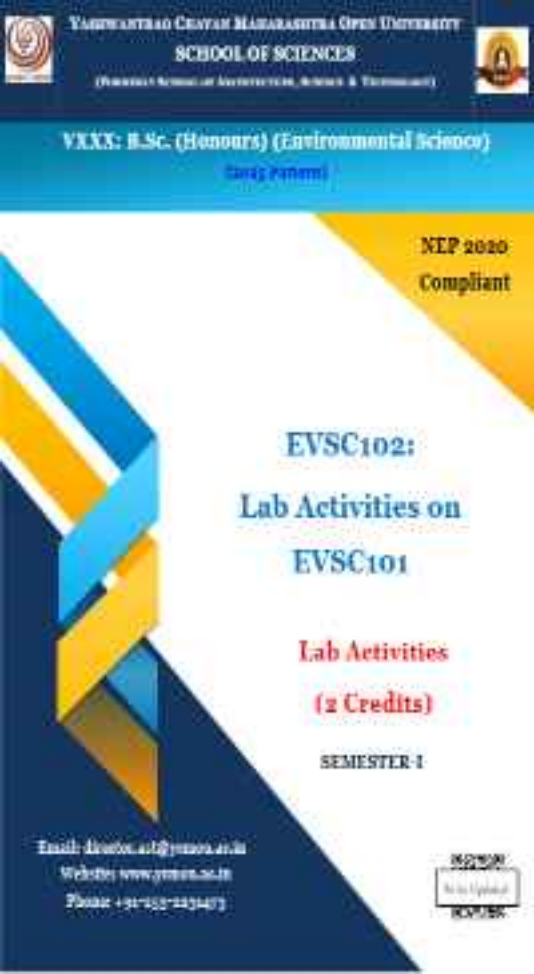
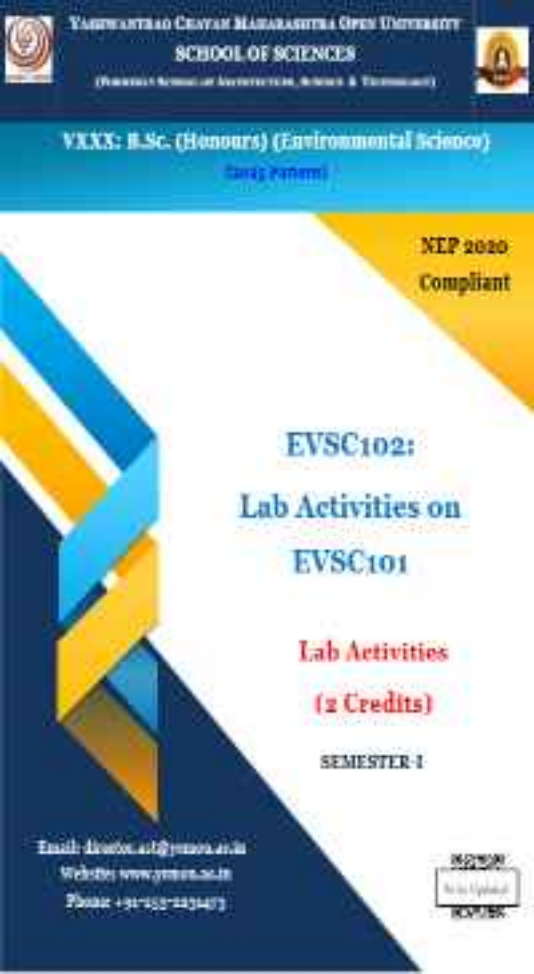
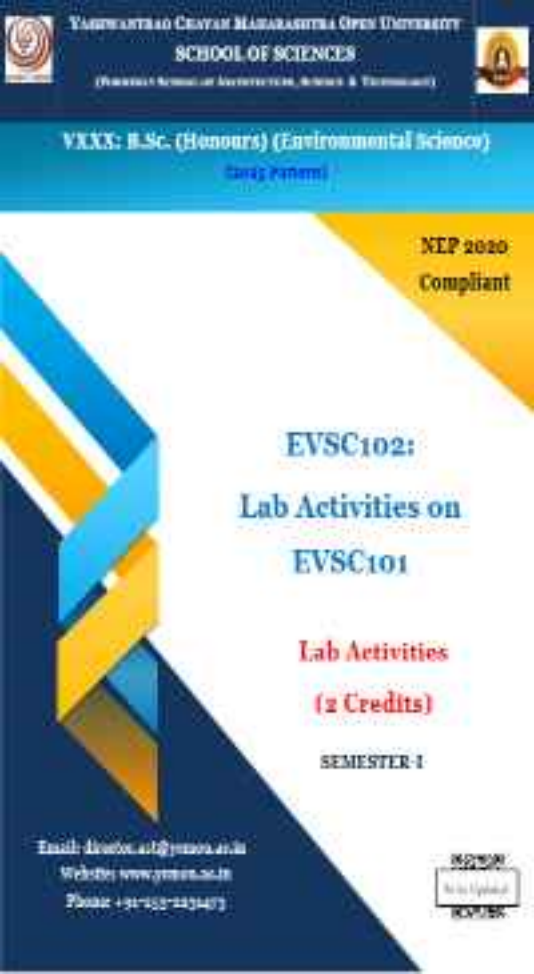
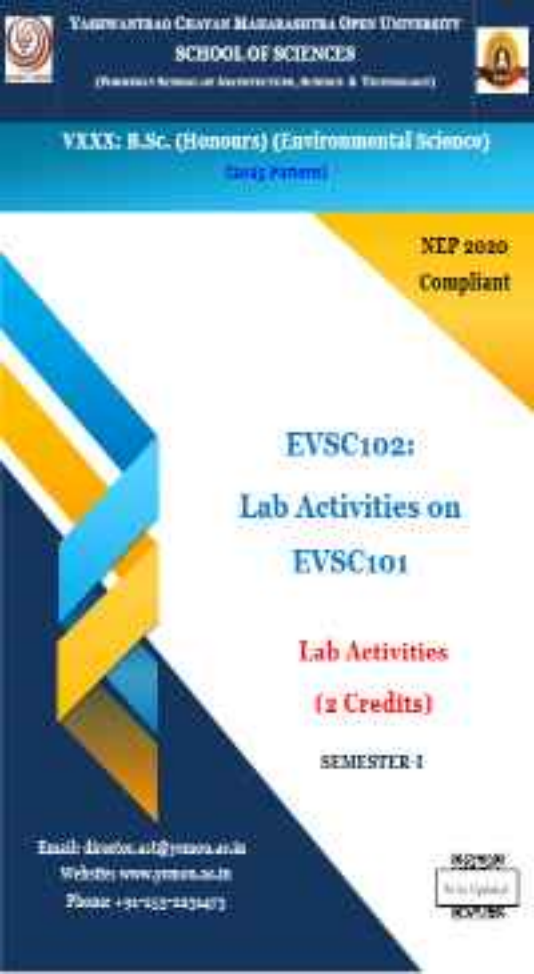
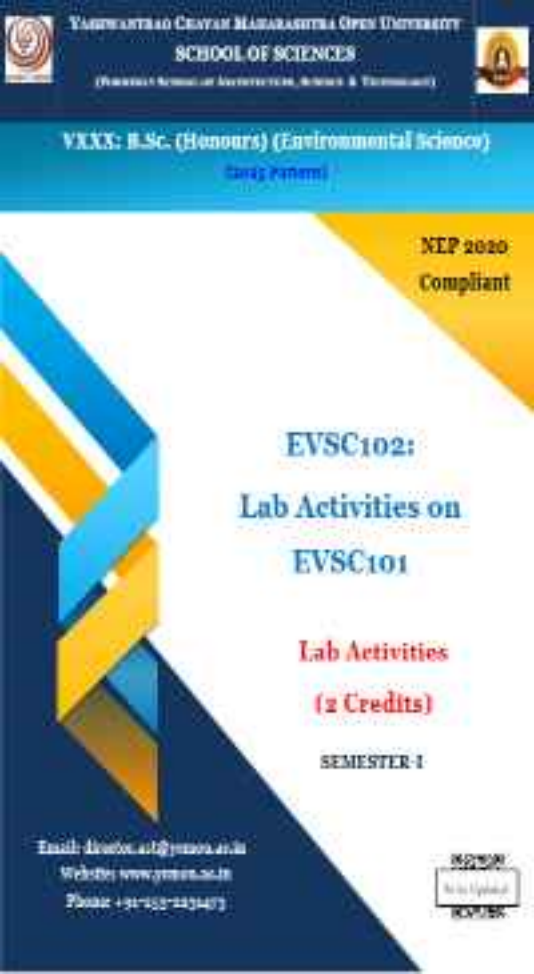
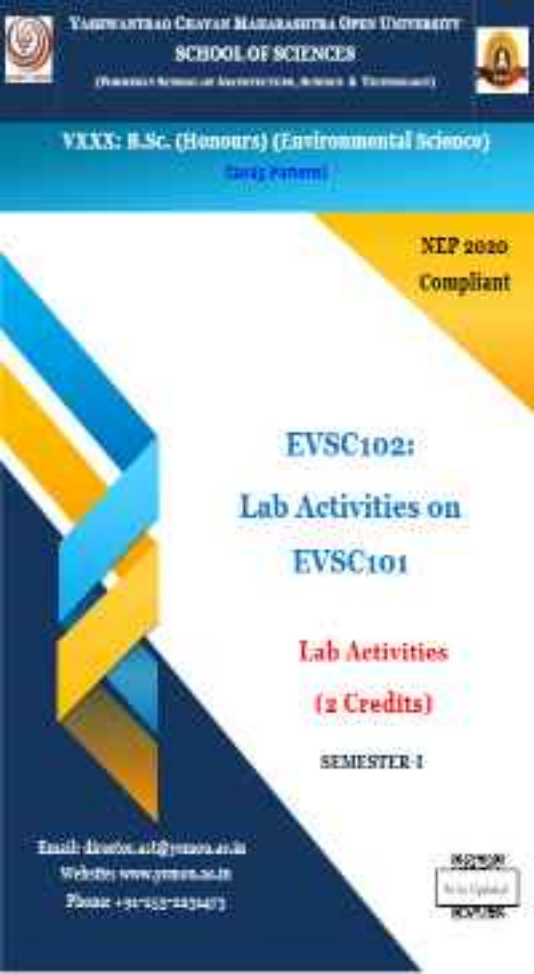
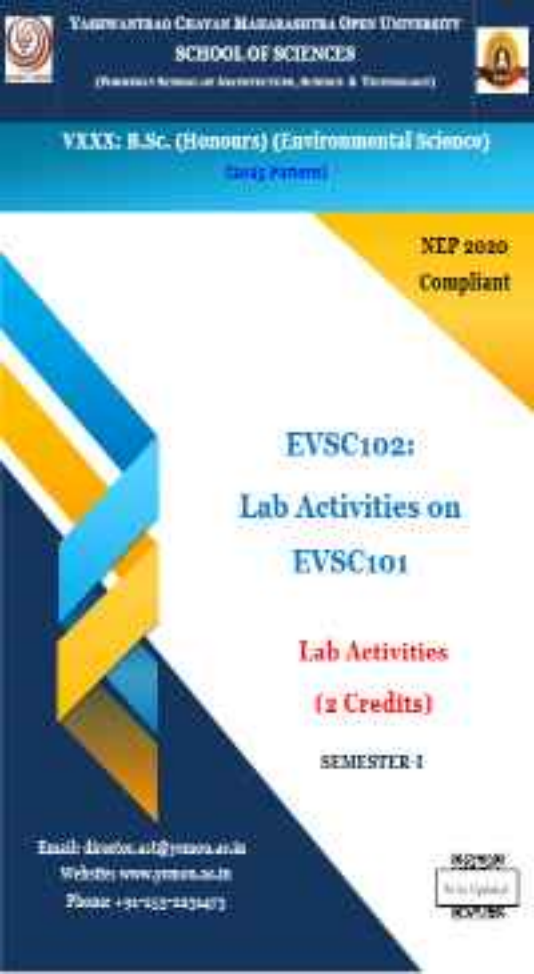
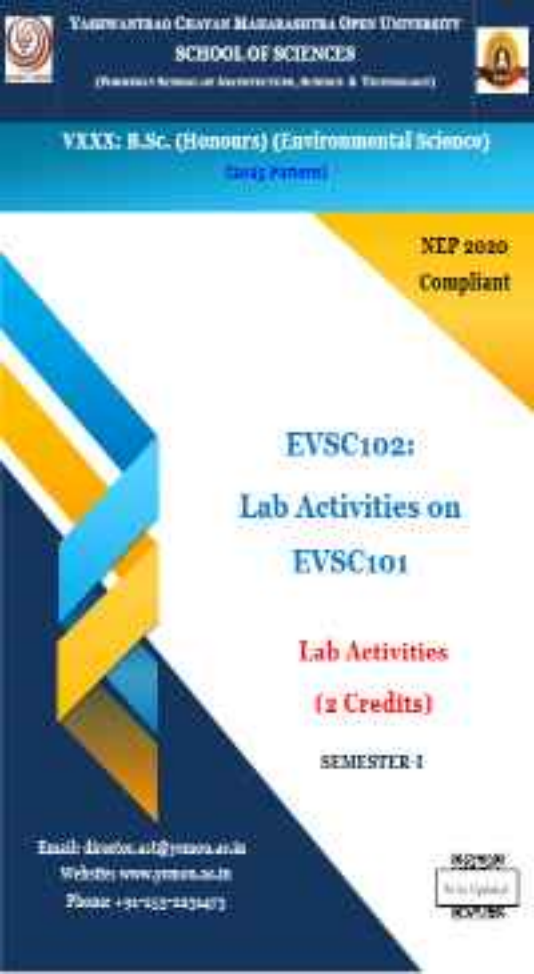
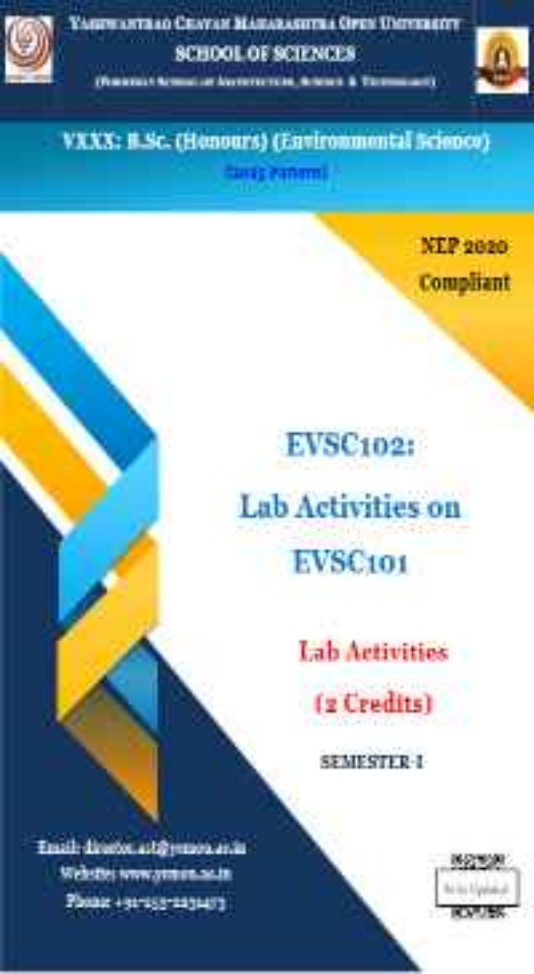
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Yashwantrao Chavan Maharashtra Open University

Vice-Chancellor Prof. Sanjay Sonawane

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Director of the School: Dr. Chetana Kamleshkar

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SCHOOL OF SCIENCES

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VXXX: B.Sc. (Honours) (Environmental Science)

(2023 Pattern)

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Chemistry and Physics

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EVSC103

To be updated

EVSC103



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EVSC104:

Lab Activities on

EVSC103

Lab Activities

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ETSC2021 Biodiversity Conservation

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EVSC201

Lab Activities
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2022 format

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EVSC025: Pollution Control Technologies

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SEMESTER-IV

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- Unit 01-04: Trademarks, Geographical indicators, semiconductors, Plant varieties and farmers' rights, Biodiversity act

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- Unit 01-02: Introduction to Natural Resources
- Unit 01-03: Forest, Water and Mineral Resources
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- Unit 02-01: Concept of Ecosystems
- Unit 02-02: Types of Ecosystem
- Unit 02-03: Biogeochemical cycles (Gaseous Cycle)
- Unit 02-04: Biogeochemical cycles (Sedimentary)

Credit 03

- Unit 03-01: Introduction to Biodiversity
- Unit 03-02: Threats to Biodiversity
- Unit 03-03: Biodiversity Conservation
- Unit 03-04: Environmental Pollution: I

Credit 04

- Unit 04-01: Environmental Pollution: II
- Unit 04-02: Natural Hazards
- Unit 04-03: Social Issues
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Feedback Sheet for the Student

Textbook for

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For Undergraduate Courses
of all Branches of Higher Education

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- 1.1 Definition, meaning, scope and nature
- 1.2 Patanjali's Yoga Sūtra
- 1.3 Hatha Yoga Pradīpikā
- 1.4 Bhakti Rāsamangalā 10 marks

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- 2.1 Definition, scope
- 2.2 Ashtāngas
- 2.3 Sūtra 1.2 and 1.3 (with their scope, nature and their scope)
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- 4.2 Importance of dietary regimen
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- 5.2 Yoga for treatment and curative
- 5.3 Yoga for students and women
- 5.4 Yoga and disease management
- 5.5 Yoga and mental health 12 marks

Unit VI – Practical Yoga

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YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY
SCHOOL OF SCIENCES

(FORMERLY BUREAU OF DISTANCE EDUCATION, PUNE)



VXXX: B.Sc. (Honours) (Environmental Science)
Course content

NEP 2020
Compliant

EVSE1011
Biodiversity of India

(2 Credits)
Open Elective

SEMESTER-I

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For the semester

2023-24



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EV2020: BioDiversity of India

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