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दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

जा.क्र./एसयु/बीओएस/कोवि३-१९/By-email दिनांक: 28/7/2020

प्रति,

मा.प्राचार्य, सर्व संलग्नित महाविद्यालये (पी.जी.) शिवाजी विद्यापीठ, कोल्हापूर	मा.अधिविभाग प्रमुख, सर्व अधिविभाग (सायन्स) शिवाजी विद्यापीठ, कोल्हापूर
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विषय:- शैक्षणिक वर्ष 2020-21 पासून लागू करण्यात आलेल्या Mandatory Non-CGPA Elective Course for M.Sc.Part-II CBCS Sem- III (ICT Tools) बाबत.

संदर्भ :- 1) SU/BOS/Science & Technology/0549/0550/Dated 17/11/19.

2) SU/BOS/Science & Technology/0763/Dated 22/11/19.

महोदय/महोदया,

उपरोक्त विषयासंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयानुसार आपणास कळविण्यात येते की, शैक्षणिक वर्ष 2020-21 पासून लागू करण्यात आलेल्या Mandatory Non-CGPA Elective Course for M.Sc.Part-II CBCS Sem- III (ICT Tools) चा अभ्यासक्रम व प्रश्नपत्रिकेचे स्वरूप सोबत जोडून पाठविण्यात येत आहे.

तसेच सदर अभ्यासक्रम व प्रश्नपत्रिकेचे स्वरूप विद्यापीठाच्या www.unishivaji.ac.in Students (Online Syllabus) या संकेतस्थळावर उपलब्ध आहे. सदरची बाब सर्व संबंधीतांच्या निदर्शनास आणून द्यावे.

कळावे,

आपला विश्वासू

उपकुलसचिव

- प्रत :- 1) संचालक,परीक्षा व मुल्यमापन मंडळ.
2) प्र.अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा.
3) अध्यक्ष,सर्व अभ्यासमंडळ/अस्थायी मंडळ,विज्ञान व तंत्रज्ञान विद्याशाखा.



Estd. 1962

NAAC 'A' Grade

Shivaji University, Kolhapur

Faculty of Science and Technology

Draft Syllabus for

Mandatory Non-CGPA Elective Course for

M.Sc Part-II Sem-III

Under

Choice Based Credit System

(To be implemented from June 2020 onwards)

(Subject to the modifications that will be made from time to time)

Shivaji University, Kolhapur

Academic Year-2020-21

Mandatory Non-CGPA Elective Course for M.Sc Part-II Sem-III

Faculty of Science and Technology

Syllabus

M.Sc. Part –II SEM-III

ICT Tools

Non-CGPA [EC]

Study hours per week: 02 Credit: 02

Course Outcomes: After successful completion of this course the students will be able to -

1. Understand importance and need of incorporating modern ICT tools in education.
2. Use social networking sites for research and academics.
3. Work collaboratively on different projects and assignments through online mode.
4. Work with different Reference Management and plagiarism tools.
5. Use applications of Google for academics, carry out Scholarly writing using Ms-Word.

Unit I: ICT for Learning and Research

(15 hrs.)

- a. Introduction of MOOC and Open Source LMS, LMS Activities and Resources.
MOOC (NPTEL, Spoken Tutorials, e-PG Pathshala, Coursera, eDX, Udemy, Unacademy)
- b. Awareness of Academic Social Networking Sites (Academia.edu, Research Gate, LinkedIn, Google Scholar, ORCID)
- c. Reference Management Software (Zotero, Mendeley, EndNote)
- d. Scholarly writing using Ms-Word.

Unit II: ICT Tools for Academics

(15 hrs.)

- a. Google Slides, Google Meet, Google forms and Certify'em, Google Sites.
- b. Concept of OER and FOSS for education
- c. Plagiarism Tools, Understanding Creative commons - Handling copyright for online resources / Courses.
- d. ZOOM & WebEx

References:

Sr. No.	Topic	Reference / Link
1	MOOC	https://www.indiaeducation.net/online-education/all-about-moocs-massive-open-online-courses-india-abroad.html https://www.mooc.org/about-moocs
2	LMS	https://elearningindustry.com/what-is-an-lms-learning-management-system-basic-functions-features https://moodle.org/ https://docs.moodle.org/38/en/Activities https://www.youtube.com/watch?v=DsQNAprWBfg https://www.youtube.com/watch?v=BENxpst5yM8
3	Creative Commons	https://creativecommons.org/about/ https://www.youtube.com/watch?v=4dxBa_GlpRo https://www.youtube.com/watch?v=srVPLrmlBJY
4	Plagiarism Tools	https://www.techtimes.com/brandspin/238059/20190130/top-5-best-plagiarism-checking-tools-2019.htm https://elearningindustry.com/top-10-free-plagiarism-detection-tools-for-teachers https://www.scribbr.com/plagiarism/free-plagiarism-checker-comparison/
5	Google slides	https://support.google.com/docs/answer/2763168?co=GENIE.Platform%3DDesktop&hl=en https://www.youtube.com/watch?v=o7wvairAxUQ https://www.youtube.com/watch?v=KFPB68S7L54
6	Google Meet	https://support.google.com/a/users/answer/9282720?hl=en https://www.techradar.com/in/how-to/how-to-use-google-meet https://teachercenter.withgoogle.com/first-day-trainings/welcome-to-google-hangouts-meet
7	Google forms and Certify'em	https://atguides.humboldt.edu/m/google/l/792830-how-do-i-use-google-forms-and-sheets-to-automatically-generate-custom-certificates https://www.youtube.com/watch?v=G98B8_JZo-0
8	Digital Initiative of government of India in higher education	https://mhrd.gov.in/ict-initiatives https://www.lisportal.com/en/lis-result/3720-digital-initiative-of-govt-of-india-in-higher-education

9	Resources, Reference Management Software (Zotero, Mendeley, EndNote)	https://library.si.edu/sites/default/files/tutorial/pdf/endnotezoteromendeleychart-2018sept.pdf
10	Google Sites	https://sites.google.com/site/tiesitestutorial/
11	Scholarly Writing with MS-Word	http://www.postgraduate.uwa.edu.au/_data/assets/pdf_file/0018/2904300/SeminarSeries_Word.pdf https://www.youtube.com/watch?v=qr9rtFG7fKM https://www.youtube.com/watch?v=4ruXKxwQ4LE https://www.learningcomputer.com/ms_word_references_tab/
12	Awareness of Academic Social Networking Sites	Authorised websites of the respective product/ service
13	Open Educational Resources	https://www.oercommons.org/oer
14	FOSS	https://eric.ed.gov/?id=EJ1179515
15	NPTEL	https://mhrd.gov.in/ict-initiatives