

 <p>Estd. 1962 "A++" Accredited by NAAC(2021) With CGPA 3.52</p>	<p align="center">SHIVAJI UNIVERSITY, KOLHAPUR - 416 004, MAHARASHTRA</p> <p align="center">www.unishivaji.ac.in, bos@unishivaji.ac.in</p> <p align="center">शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र</p> <p align="center">दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग दूरध्वनी ०२३१-२६०९०९३/९४</p>	
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SU/BOS/Science/500

Date: 10/07/2023

To,

The Principal, All Concerned Affiliated Colleges/Institutions Shivaji University, Kolhapur	The Head/Co-ordinator/Director All Concerned Department (Science) Shivaji University, Kolhapur.
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Subject: Regarding syllabi of as per NEP-2020 under the Faculty of Science and Technology.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, nature of question paper and equivalence of degree programme under the Faculty of Science and Technology.

1. B.Sc.-M.Sc. Part II Nanoscience and Technology	7. All Faculty Under Graduate Part II Environmental Studies
2. M.C.A. Part I (New NEP -2020)	8. P.G. Diploma in Data Science
3. B.C.A. Part II	9. P.G. Diploma in Environment Protection & Management
4. M.C.A. Part II	10. P.G. Diploma in Industrial Safety, Health & Environment
5. B.Sc. Part III Food Science	11. Diploma in Industrial Safety, Health & Environment
6. B.Sc. Part I Drug Chemistry	12. All Faculty UG & PG Value Added Course : Intellectual Property Rights

This syllabus, nature of question and equivalence shall be implemented from the academic year 2023-2024 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in)

The question papers on the pre-revised syllabi of above-mentioned course will be set for the examinations to be held in October /November 2023 & March/April 2024. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,



**Dy Registrar
Dr. S. M. Kubal**

Copy to:

1	The Dean, Faculty of Science & Technology	8	P.G. Admission/Seminar Section
2	Director, Board of Examinations and Evaluation	9	Computer Centre/ Eligibility Section
3	The Chairman, Respective Board of Studies	10	Affiliation Section (U.G.) (P.G.)
4	B.Sc. Exam/ Appointment Section	11	Centre for Distance Education

INTELLECTUAL PROPERTY RIGHTS

(2 Credits; 30 Hours)

UNIT I: Introduction to Intellectual Property

06 Hours

Introduction to Intellectual Property (IP), Theories on Concept of Property, Nature, Public vs. Private, Tangible vs. Intangible, Industrial vs. Intellectual, Intellectual Property (IP) and Intellectual Property Rights (IPR), Importance of IP and Competitive Advantage, History of Intellectual Property Rights

UNIT II: Forms of Intellectual Properties in India

12 Hours

Major forms of Intellectual Property (IP) in India

Patent: Patent-Introduction, Foundation of Patent Law, Patent Act 1970, Standards of Patentability, Subject Matter of Protection, Limitations and Exceptions, Patent Searching Process, Ownership Rights and Transfer, Patent Filing in India, Conventional Patent Filing & PCT, Patent Infringement and Enforcement

Industrial Design: Design Act 2000, Industrial Design Registration, Industrial Design Infringement, Violation of Design Production

Copyright: Fundamentals of Copyrights Law, Indian Copyright Act 1957, Copyright Registration, Originality of Material, Rights to Reproduction, Rights to Perform the Work Publicly, Copyright Ownership Issues, Copyright Infringement, Notice of Copyright, International Copyright Law

Trademark: What is trademark? ,Trademark Act 1999, Purpose and Function of Trademarks, Types of trademark, Trademark Registration & Infringement

Semiconductor Integrated Circuits Layout Design (SICLD): SICLD Act 2000, Registration of SICLD, Purpose and Functions of SICLD

Geographical Indications (GI): Purpose and Functions of GI, GI Act 1999, GI registration, Traditional Knowledge

UNIT III: International Regime Relating to Intellectual Property Rights

06 Hours

International Organizations: World Intellectual Property Organization (WIPO), Functions of WIPO

Treaties and Conventions on IP: Paris Convention 1883, Berne Convention 1886, GATT Agreement 1947, TRIPS Agreement 1994, WTO 1995

IP System in USA, Europe & Other countries

UNIT IV: New Developments of Intellectual Property

06 Hours

Public Health and Intellectual Property Rights, Case study: Novartis Pharmaceuticals, Bayer Pharmaceuticals, TRIPS Flexibilities and Access to Medicine, IPR and Climate Change, Patent and Biotechnology, Traditional Knowledge and IPR, Bio-piracy, Domain Name Disputes and Cyber Squatting

References:

1. Indian Patents Act, 1970
2. Prabuddha Ganguli, "Intellectual Property Right", Unleashing the knowledge economy", Tata Mc.Graw Hill Publishing Company Ltd
3. Deborah. E. Bouchoux, "Intellectual Property Right", Cengage Learning
4. WIPO - <http://www.wipo.int/patents/en/>
5. Merges, Patent law and Policy: Cases and Materials, 1996
6. Brian C. Reid, A Practical Guide to Patent Law, 2nd Edition, 1993
7. Nard, Craig Allen, Law of Intellectual Property (2008) 2nd, New York, Aspen Publishers