

Department of Civil Engineering

Lesson Plan & Work-done Diary for AY:2025-26, ODD Semester

Course with Code: Research Methodology & IPR / BRMK557					Faculty: Dr. Pujitha Ganapathi C.		Semester & Section: V	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
MODULE-1								
1	04/08/2025	Introduction to Course Module and Importance of Research & Development	Chalk & Talk					
2	06/08/2025	Meaning of Research, Objectives of Engineering Research	Chalk & Talk					
3	07/08/2025	Motivation in Engineering Research Types of Engineering Research	ICT					
4	08/08/2025	Types of Engineering Research	Chalk & Talk					
5	11/08/2025	Finding and Solving a Worthwhile Problem. (Providing Group Assignment)	ICT					
6	13/08/2025	Ethics in Engineering Research	ICT					
7	14/08/2025	Ethical in Research Practice	ICT					
8	18/08/2025	Types of Research Misconduct, Ethical Issues Related to Authorship	ICT					

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9	20/08/2025	SRS Conduction on Module-1	ICT					
MODULE-2								
10	21/08/2025	Literature Review and Technical Reading: New and Existing Knowledge, Analysis and Synthesis of Prior Art Bibliographic Databases	ICT					
11	22/08/2025	Web of Science (WoS), Google and Google Scholar, Effective Search: The Way Forward	ICT					
12	25/08/2025	Introduction to Technical Reading Conceptualizing Research, Critical and Creative Reading	Chalk & Talk					
13	28/08/2025	Introduction to Technical Reading Conceptualizing Research	Chalk & Talk					
14	29/08/2025	Taking Notes While Reading, Reading Mathematics and Algorithms, Reading a Datasheet.	ICT					
15	01/09/2025	Attributions and Citations: Giving Credit Wherever Due, Citations: Functions and Attributes, Impact of Title and Keywords on Citations	ICT					

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16	03/09/2025	Knowledge Flow through Citation, Citing Datasets	ICT					
17	04/09/2025	Styles for Citations, Acknowledgments and Attributions, What Should Be Acknowledged, Acknowledgments in, Books Dissertations, Dedication or Acknowledgments.	ICT					
18	08/09/2025	IA-1 QP Scheme Discussion & SRS Conduction on Module-2	ICT					
MODULE 3								
19	10/09/2025	Introduction To Intellectual Property: Role of IP in the Economic and Cultural Development of the Society	Chalk & Talk					
20	15/09/2025	IP Governance, IP as a Global Indicator of Innovation,	Chalk & Talk					
21	18/09/2025	Origin of IP History of IP in India. Major Amendments in IP Laws and Acts in India.	ICT					
22	19/09/2025	Patents: Conditions for Obtaining Patent Protection, To Patent or Not to Patent an Invention. Rights Associated with Patents. Enforcement of Patent Rights	Chalk & Talk					
23	22/09/2025	Inventions Eligible for Patenting. Non-Patentable Matters. Patent Infringements. Avoid Public Disclosure of an Invention before Patenting	ICT					

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24	24/09/2025	Process of Patenting: Prior Art Search. Choice of Application to be Filed. Patent Application Forms. Jurisdiction of Filing Patent Application. Publication. Pre-grant Opposition. Examination. Grant of a Patent. Validity of Patent Protection	ICT					
25	25/09/2025	Post-grant Opposition. Commercialization of a Patent.	ICT					
26	26/09/2025	Need for a Patent Attorney/Agent, International Patent Types of Patent Applications, National Bodies Dealing with Patent Affairs. Utility Models.	ICT					
27	29/09/2025	SRS Conduction on Module-3	ICT					
MODULE 4								
28	03/10/2025	Copyrights and Related Rights: Classes of Copyrights. Criteria for Copyright. Ownership of Copyright. Copyrights of the Author.	Chalk & Talk					

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29	06/10/2025	Copyright Infringements. Copyright Infringement is a Criminal Offence. Copyright Infringement is a Cognizable Offence.	Chalk & Talk					
30	08/10/2025	Fair Use Doctrine. Copyrights and Internet. Non-Copyright Work.	ICT					
31	10/10/2025	Copyright Registration. Judicial Powers of the Registrar of Copyrights. Fee Structure. Copyright Symbol. Validity of Copyright. Copyright Profile of India.	ICT					
32	13/10/2025	Copyright and the word 'Publish'. Transfer of Copyrights to a Publisher. Copyrights and the Word 'Adaptation'. Copyrights and the Word 'Indian Work'. Joint Authorship.	ICT					
33	23/10/2025	Copyright Society. Copyright Board. Copyright Enforcement Advisory Council (CEAC). International Copyright Agreements, Conventions and Treaties. Interesting Copyrights Cases.	ICT					

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34	24/10/2025	Trademarks: Eligibility Criteria for a Trademark. Acts and Laws. Designation of Trademark Symbols. Classification of Trademarks. Registration of a Trademark is Not Compulsory. Validity of Trademark	ICT					
35	27/10/2025	Types of Trademarks Registered in India. Trademark Registry. Process for Trademarks Registration. Prior Art Search. Famous Case Law: Coca-Cola Company vs. Bisleri International Pvt. Ltd.	ICT					
36	29/10/2025	IA-2 QP Scheme Discussion & SRS Conduction on Module-4	ICT					
MODULE 5								
37	30/10/2025	Industrial Designs: Eligibility Criteria. Acts and Laws to Govern Industrial Designs. Design Rights. Enforcement of Design Rights. Non-Protectable Industrial Designs India.	Chalk & Talk					

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38	31/10/2025	Protection Term. Procedure for Registration of Industrial Designs. Prior Art Search. Application for Registration.	Chalk & Talk					
39	03/11/2025	Duration of the Registration of a Design. Importance of Design Registration. Cancellation of the Registered Design. Application Forms.	ICT					
40	06/11/2025	Classification of Industrial Designs. Designs Registration Trend in India. International Treaties.	ICT					
41	07/11/2025	Famous Case Law: Apple Inc. vs. Samsung Electronics Co.	ICT					
42	10/11/2025	Geographical Indications: Acts, Laws and Rules Pertaining to GI. Ownership of GI. Rights Granted to the Holders. Registered GI in India. Identification of Registered GI. Classes of GI. Non-Registerable GI.	ICT					

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43	12/10/2025	Protection of GI. Collective or Certification Marks. Enforcement of GI Rights. Procedure for GI Registration Documents Required for GI Registration. GI Ecosystem in India.	Chalk & Talk					
44	13/10/2025	Case Studies on Patents. Case study of Curcuma (Turmeric) Patent, Case study of Neem Patent, Case study of Basmati patent. IP Organizations in India. Schemes and Programs.	ICT					
45	14/10/2025	SRS Conduction on Module-5. VTU Model QP Discussion	ICT					

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	Activity	Planned	Actual	Remarks
1	Theory Classes	45		
2	Assignments (Individual/Group)	02		
3	Quizzes (SRS/MS Forms)	05		
4	Tutorials/ Extra classes	-		
5	Internal Assessments	03		
6	ICT based Teaching. (% of usage in Curriculum)	80%		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	