

## 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
<b>MODULE-1</b>								
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. <b>(Providing Group Assignment)</b>	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					

## Department of Civil Engineering

	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
9	20/08/2025	SRS Conduction on Module-1	ICT					
<b>MODULE-2</b>								
10	21/08/2025	<b>Literature Review and Technical Reading:</b> 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	<b>Attributions and Citations:</b> Giving Credit Wherever Due, Citations: Functions and Attributes, Impact of Title and Keywords on Citations	ICT					

## Department of Civil Engineering

	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
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 & <b>SRS Conduction on Module-2</b>	ICT					
<b>MODULE 3</b>								
19	10/09/2025	<b>Introduction To Intellectual Property:</b> 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	<b>Patents:</b> 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					

## Department of Civil Engineering

	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
24	24/09/2025	<b>Process of Patenting:</b> 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	<b>SRS Conduction on Module-3</b>	ICT					
	<b>MODULE 4</b>							
28	03/10/2025	<b>Copyrights and Related Rights:</b> Classes of Copyrights. Criteria for Copyright. Ownership of Copyright. Copyrights of the Author.	Chalk & Talk					

## Department of Civil Engineering

	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
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					

## Department of Civil Engineering

	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
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 & <b>SRS</b> Conduction on Module-4	ICT					
	<b>MODULE 5</b>							
37	30/10/2025	<b>Industrial Designs:</b> Eligibility Criteria. Acts and Laws to Govern Industrial Designs. Design Rights. Enforcement of Design Rights. Non-Protectable Industrial Designs India.	Chalk & Talk					

## Department of Civil Engineering

	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
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	<b>Geographical Indications:</b> 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					

## Department of Civil Engineering

	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
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	<b>Case Studies on Patents.</b> 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	<b>SRS Conduction on Module-5.</b> VTU Model QP Discussion	ICT					

## Department of Civil Engineering

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