

TECHNICAL PAPER WRITING AND IPR

Course Code	23AC1601	Year		Semester	
Course Category	AUDIT	Branch	ME	Course Type	
Credits	0	L-T-P	2-0-0	Prerequisites	
Continuous Internal Evaluation:	30	Semester End Evaluation:		Total Marks:	30

Course outcomes: At the end of the course, the student will be able to:

CO	Statement	BTL	Units
CO1	To understand the structure of the technical paper and its components.	L2	1
CO2	To review the literature and acquire the skills to write a technical paper for first submission.	L2	2
CO3	To understand the process and development of IPR.	L2	3
CO4	To create awareness about the scope of patent rights.	L3	4
CO5	To analyze the new developments in IPR include latest software.	L4	5

Contribution of Course outcomes towards achievement of programme outcomes & Strength of correlations (High:3, Medium: 2, Low:1)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
CO 1	3								3		3	1	1
CO 2		3							3		3	1	1
CO 3						3				2		2	
CO 4						3				2	2	1	
CO5			2		2					2	2	1	

Syllabus		
Unit	Contents	Mapped

		CO
1	Planning and preparation Planning and Preparation, Word Order, breaking up long sentences, Structuring Paragraphs and Sentences, Being Concise and Removing Redundancy, Avoiding Ambiguity and Vagueness. Clarifying Who Did What, Highlighting Your Findings, Hedging and Criticizing, Paraphrasing and Plagiarism, Sections of a Paper, Abstracts, Introduction.	CO-1
	Literature review Review of the Literature, Methods, Results, Discussion, Conclusions, The Final Check. Key skills needed when writing a Title, Abstract, Introduction, a Review of the Literature, the Methods, the Results, the Discussion, and the Conclusions. Useful phrases, how to ensure paper is as good as it could possibly be the first- time submission	CO-2
3	Process and Development Nature of Intellectual Property: Patents, Designs, Trade and Copyright. Process of Patenting and Development: technological research, innovation, patenting, development. International Scenario: International cooperation on Intellectual Property. Procedure for grants of patents, patenting under PCT.	CO-3
4	Patent Rights Scope of Patent Rights. Licensing and transfer of technology, Patent information and databases, Geographical Indications.	CO-4
5	New Developments In IPR New Developments in IPR: Administration of Patent System. New developments in IPR; IPR of Biological Systems, Computer Software etc. Traditional knowledge Case Studies.	CO-5

Learning Resources
Text Book(s): <ol style="list-style-type: none"> 1. Day R (2006) How to Write and Publish a Scientific Paper, Cambridge University Press. 2. Halbert, “Resisting Intellectual Property”, Taylor & Francis Ltd, 2007.
References: <ol style="list-style-type: none"> 3) Goldbort R (2006) Writing for Science, Yale University Press (available on Google Books) 4) Highman N (1998), Handbook of Writing for the Mathematical Sciences, SIAM. Highman’s book. 5) Adrian Wallwork, English for Writing Research Papers, Springer New York Dordrecht Heidelberg London, 2011 6) Mayall, “Industrial Design”, McGraw Hill, 1992. 7) Robert P. Merges, Peter S. Menell, Mark A. Lemley, “Intellectual Property in New

Technological Age” 2016.

8) T. Ramappa, “Intellectual Property Rights Under WTO”, S. Chand, 2008.

Online Learning Resources:

- <https://nptel.ac.in/courses/110105091>
- <https://nptel.ac.in/courses/109106128>

Course coordinator

HOD