



MALNAD COLLEGE OF ENGINEERING, HASSAN

(An Autonomous Institution Affiliated to VTU, Belgaum)
DEPARTMENT OF ENGINEERING

| Course Title | | RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS | |
|--------------|----------|---|-------------|
| Course Code | 23RIP | (L-T-P)C | (3-0-0) 3.0 |
| Exam | 3 Hrs. | Hours/Week | 3 |
| SEE | 50 Marks | Total Hours | 27L+0P |

Course Objectives

- To give an overview of technical research activities and patenting methodology.

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

| # | Course Outcomes | Mapping to PO's | Mapping to PSO's |
|----|--|-----------------|------------------|
| 1. | Carry out Literature Review and write technical paper | 2,3,4,11,12 | - |
| 2. | Describe the fundamentals of patent laws and the patent drafting | 4, 11,12 | - |
| 3. | Procedure. | 4, 11,12 | - |
| 4. | Elucidate the copyright laws and subject matters of copyright | 11 | - |
| 5. | Elucidate the copyright laws and subject matters of copyright | | |

Module-wise Breakdown

| Module | Details | Hrs |
|--------|----------|-----|
| 1 | Module 1 | 10 |
| 2 | Module 2 | 10 |
| 3 | Module 3 | 10 |

Prescribed Test Books

| SI No | Book Title | Authors | Edition | Publisher | Year |
|-------|----------------------------------|---------|---------|-----------|------|
| 1 | Engineering Research Methodology | | | | |

Reference Books

| SI No | Book Title | Authors | Edition | Publisher | Year |
|-------|--------------------------------|---------|---------|-----------|------|
| 1 | Research Methods for Engineers | | | | |

E-Resources

E-Books:

- <https://download.e-bookshelf.de/download/0012/0144/90/L-G-0012014490-0035363481.pdf>

MOOC Courses:

- https://onlinecourses.swayam2.ac.in/ntr24_ed08/preview

Proposed Assessment Plan (for 50 marks of CIE):

| Tool | Remarks | Marks |
|-----------|---|-------|
| Internals | Three tests conducted for 20 marks each and reduced to 10 marks | 30 |
| AAT | Details of activities to be conducted | 20 |
| | Total | 50 |



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Course Articulation Matrix