

B.E Semester: 8 Automobile Engineering
Subject Name: Laws for Engineers (MA801-N)

A. Course Objective:

- To present a problem oriented in depth knowledge of Laws for Engineers.
- To address the underlying concepts and methods behind Laws for Engineers.

B. Teaching / Examination Scheme:

Teaching Scheme				Total Credit	Evaluation Scheme					
L	T	P	Total		Theory		Mid Sem Exam	CIA	Pract.	Total
Hrs	Hrs	Hrs	Hrs		Hrs	Marks	Marks	Marks	Marks	Marks
3	0	0	3	3	3	70	30	20	00	120

C. Detailed Syllabus:

Unit No.	Details
1	Introduction to Indian Legal System: Constitution of India, Sources of Law and Judicial system.
2	Contracts and its Elements: Employment contracts, Contract Interpretation, Service Contract, Contract of Indemnity, Law of Agency .Employment agreement.
3	Legal Documentation: Drafting of legal documents including Non-Disclosure Agreements (NDA), Request for Proposal (RFP), collaboration agreements, joint venture agreements, tendering and subcontracting
4	Intellectual Property Rights (IPR): Overview ,Trademarks, Copy Rights, Patents with special emphasis in Biotechnology Inventions, software, circuits and design ,Protection in Foreign Countries
5	Cyber Laws: E-Commerce and E-Governance
6	Labour Laws: Provident Fund, ESIC, Gratuity, Bonus, Perquisites, Contract labour Health, Safety and welfare of construction workers.
7	Taxation: Income Tax, Service Tax, VAT, Excise Duty, GST. Alternate Dispute Resolution (ADR) in Domestic and International dealings, Code of Conduct and Ethics for engineering professionals.

Total hours (Theory):48

Total hours (Practical):00

Total hours:48

D. Lesson Planning:

Sr. No.	Date/Week	Unit	Weight age	Topic No
1	1 st ,2 nd ,3 rd	Unit 1	20%	1
2	4 th .5 th ,6 th	Unit 2	20%	2
3	7 th , 8 th ,9 th	Unit 3	20%	3
4	10 th .11 th . 12 th	Unit 4	20%	4,5
5	13 th , 14 th ,15 th ,16 th	Unit 5	20%	6,7

E. Instructional Method & Pedagogy

1	At the start of course, the course delivery pattern , prerequisite of the subject will be discussed
2	Lecture may be conducted with the aid of multi-media projector, black board, OHP etc. & equal Weight age should be given to all topics while teaching and conduction of all examinations.
3	Attendance is compulsory in lectures and laboratory, which may carries five marks in overall evaluation.
4	One/Two internal exams may be conducted and total/average/best of the same may be converted toequivalent of 30 marks as a part of internal theory evaluation.
5	Assignment based on course content will be given to the student for each unit/topic and will be evaluated at regular interval. It may carry an importance of ten marks in the overall internal evaluation.
6	Surprise tests/Quizzes/Seminar/Tutorial may be conducted and having share of five marks in the overallinternal evaluation.
7	The course includes a laboratory, where students have an opportunity to build an appreciation for theconcept being taught in lectures. Suggested list of experiment is given below

F. Students Learning Outcomes:

1	Understand the Indian Legal System and Basics of different laws
2	Understand, explore, and acquire practical insight of legal system and its application in engineering profession.

G. Text Books & Reference Books:

1	Karnika Seth, Computer Internet And New Technology Laws, Lexisnexis, First Edition 2013.
2	Prafulla C Pant, The Arbitration And Conciliation Act, 1996, Butterworths India, New Delhi.
3	Joseph Minattur, Indian Legal System, Indian Law Institute, New Delhi.
4	J. Beatson, Anson's Law Of Contract, Oxford University Press.
5	V. S. Datey , Indirect Taxes: Law And Practice, Taxmann Publications (P) Ltd, Latest Edition
6	Dr. Vinod K. Singhanian And Dr. Monica Singhanian , Student's Guide To Income Tax, Taxmann Publications (P) Ltd, Latest Edition.
7	S.C. Srivastava, Industrial Relations And Labour Laws, Vikas Publishing House Pvt. Ltd.