



RAAJDHANI ENGINEERING COLLEGE
Course Outcome

Subject(Code): Entrepreneurship Development (C401)

Year/Semester of Study: 4th/7th

COs	CO Statements
C401.1	Understand about different concepts and functions of entrepreneurship and intrapreneurship with their types of Entrepreneur and importance.
C401.2	Analyze different Entrepreneurial Environment and Identify their Opportunities and also they can analyze how to Convert Business Opportunities into reality and know about Start-ups and business incubation .
C401.3	Apply their knowledge to solve the Issues relating to location and Environmental Problems with Industrial Policies and Regulations.
C401.4	Learn and will be able to remember about the Need of Accounting and Working capital Management.
C401.5	Analyze Labour Laws and Organizational support services –Central and State Government.
C401.6	Understand about Sickness of Small-Scale Industries with their Causes and symptoms of sickness their cures and about the Role of Banks and Governments in reviving industries.

Subject(Code):High Voltage System and DC Transmission (C402)

Year/Semester of Study:

4th/7th

COs	CO Statements
C402.1	Understand theory of breakdown and withstand phenomena of all types of dielectric materials.
C402.2	Understand the techniques of generation of AC, DC and Impulse voltages and be able to apply knowledge for measurement of high voltage and high current AC, DC and Impulse.
C402.3	Describe testing high voltage electrical equipment with various testing devices
C402.4	Develop the knowledge of HVDC transmission and HVDC converters and the applicability
C402.5	Develop the knowledge of advantage of HVDC transmission over conventional AC transmission.
C402.6	Analyse harmonics and design of filters.



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Course Outcome

Subject(Code):Smart Grid(C303)

Year/Semester of Study:4th/7th

COs	CO Statements
C403.1	Understand the fundamental knowledge of smart grid.
C403.2	Understand various automation techniques in smart grid, their applications and protection schemes
C403.3	Analyse control of micro grids and different issues inter connection
C403.4	Anlyse and understand different energy storage techniques in micro grid
C403.5	Understand and analyse integration of renewables and concept of distributed generation in micro grids
C403.6	Analyse and understand different power quality issues of grid tied micro grids.

Subject(Code):Digital VLSI Design (C404)

Year/Semester of Study: 4th/7th

COs	CO Statements
C404.1	Gain the knowledge about various CMOS fabrication process and its modelling.
C404.2	Comprehend about the second order effects of MOS transistor characteristics.
C404.3	Analyze and implement various CMOS static logic circuits.
C404.4	Learn the design of various CMOS dynamic logic circuits.
C404.5	To foster ability of handling and designing different types of techniques.
C404.6	Learn the basics of Fabrication and Layout of CMOS Integrated Circuits.



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Course Outcome

Subject(Code): Intellectual Property Right(405)
4th/7th

Year/Semester of Study:

COs	CO Statements
C405.1	Understand about different types of intellectual property rights and their importance.
C405.2	Analyse functions of intellectual property rights.
C405.3	Evaluate practical problem related to intellectual property rights and know about the fundamental of copy rights.
C405.4	Apply the knowledge of intellectual property rights and know about copy right ownership issues.
C405.5	Solve problems intellectual property rights and can evaluate New development of intellectual property.
C405.6	Evaluate international patent law, Create different types developments in trade secret at international level.

Subject(Code): Bigdata Analytics (C406)

Year / Semester of Study: 3rd/7th Sem

COs	CO Statements
C406.1	Understand fundamental concepts of Big Data and its technologies.
C406.2	Apply concepts of Map Reduce framework for optimization.
C406.3	Evaluate the performance and scalability implications of Mongo DB databases for various use cases.
C406.4	Evaluate the effectiveness of their integrated Big Data tools in solving real-world problems.
C406.5	Understand data analytics solutions using Hadoop ecosystems.
C406.6	Develop the basic principles of connecting to Mongo DB, Cassandra and machine learning algorithms.



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Subject(Code):Essence of Indian Knowledge Tradition(C407)
4th/7th

Year/Semester of Study:

COs	CO Statements
C407.1	Identify the concept of Traditional knowledge and its importance.
C407.2	Explain the need and importance of protecting traditional knowledge.
C407.3	Illustrate the various enactments related to the protection of traditional knowledge.
C407.4	Interpret the concepts of Intellectual property to protect the traditional knowledge.
C407.5	Interpret the concepts of patents to protect the traditional knowledge.
C407.6	Explain the importance of Traditional knowledge in Agriculture and Medicine.

Subject(Code):Minor Project (C408)

Year/Semester of Study: 4th/7th

COs	CO Statements
C408.1	Identify & undertake projects, which is feasible, cost effective, eco-friendly and safety.
C408.2	Measure the relation of the project to the literature and how much the project is applicable to the society. (i.e. lab to land).
C408.3	Plan properly to complete the project within the schedule time.
C408.4	Conduct all relevant testing after execution of the project and analyse the test results for future research.
C408.5	Execute any project with proper methodology and in a team spirit.
C408.6	Write thesis / project report as per standard norm.



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Course Outcome

Subject(Code):Seminar -II (C409)

Year/Semester of Study: 4th/7th

COs	CO Statements
C409.1	Select topics on modern technology; prepare slides for power point presentation.
C409.2	Able to gain deep knowledge on modern technology by referring the journals/ magazines.
C409.3	Present before a huge audience on any topic without fear and with a voice clarity, good gate up and proper body language.
C409.4	Develop their communication skill.
C409.5	Write a detail report on any topic related to modern technology in the prescribed format.
C409.6	Able to attend or deliver in any National or International Seminar.

Subject(Code):Comprehensive Viva (C410)

Year/Semester of Study: 4th/7th

COs	CO Statements
C410.1	Acquire knowledge and skills to face the interview panel.
C410.2	Analyse and respond effectively to impromptu questions by the panel members.
C410.3	Present the technical knowledge, skills and problems in the most efficient way.
C410.4	Demonstrate the application of technical knowledge acquired in the four years to solve the problems of the various forms of organisations/ institutions.
C410.5	Understand the practical difficulties in applying the various forms of solutions to find the feasible solution.
C410.6	Solve the real life problems and assess the implications of various forms of solutions.