

Audit Courses (AUC)

Course Code	Course Name	Level	L	T	P	C	Marks			Pre-requisite
							CIE	SE E	Total	
2501AE01	Deeksharambh	FC	0	0	2	0	100	-	100	-
2501UC11	Employability Skills-I	FC	0	0	2	0	100	-	100	-
2501UC13	Employability Skills-II	FC	0	0	3	0	100	-	100	ES-I
2501UC14	Employability Skills-III	IC	0	0	3	0	100	-	100	ES-II
2501UC15	Employability Skills-IV	AC	0	0	3	0	100	-	100	ES-III
2501UC17	Employability Skills-V	AC	0	0	3	0	100	-	100	ES-IV
2501AC01	Student Activity Based Learning	AC	0	0	2	0				
	*On-line courses (24 weeks or 80 hours)	FC	0	0	6	0	100	-	100	-
	Total		0	0	22	0				

Deeksharambh (NG)

Semester: I	L	T	P	C
Course Code: 2501AE01	0	0	2	0

1: University Orientation & Academic Framework

Activity: Welcome Session.

Description: Introduction by university officials and brief campus tour.

Objective: Familiarize students with the university environment and key personnel.

Activity: Workshop on Academic Framework.

Description: Overview of university's academic processes, credit system, grading, etc.

Objective: Understand the operational framework of the academic process.

2: Cultural Integration & Subject Awareness

Activity: Cultural Exchange Session.

Description: Students present their cultural backgrounds and traditions.

Objective: Promote cultural integration and appreciation of diversity.

Activity: Introductory Lecture on Subjects of Study.

Description: Faculty provide an overview of various disciplines offered.

Objective: Provide a broad view of the subjects and their application areas.

3: Life Skills & Ethical Values

Activity: Seminar on Personality Development & Ethical Values.

Description: Discussions on communication, teamwork, leadership skills, ethical behavior and societal values.

Objective: Foster a sense of ethics and values among students.

4: Interaction with Alumni & Leaders

Activity: Alumni Meet and Inspirational Talks.

Description: Interaction with successful alumni, business leaders, and achievers.

Objective: Inspire students through real-life success stories and experiences.

5: Workshop on design thinking

Activity: Workshop on design thinking.

Description: Activities and projects to encourage creativity and innovative thinking.

Objective: Develop creative skills and innovative approaches.

6: Field Exposure

Activity: Field Visit.

Description: Tour of industries, research labs or cultural sites.

Objective: Provide practical exposure and understanding of various fields.

7: Reflection & Feedback

Activity: Reflective Session.

Description: Students share their experiences and reflections on the program.

Objective: Reflect on learning outcomes and personal growth.

Activity: Feedback Collection.

Description: Collect feedback from students and suggest improvements for future programs.

Objective: Improve future iterations of the program based on student feedback.

Additional Activities:

Mentorship Program: Continuous guidance through pairing students with mentors.

Cultural Clubs: Encouraging participation in various cultural clubs and societies.

Evaluation:

Feedback Forms: Collect feedback from students at the end of each session.

Peer Reviews: Group reviews to assess the impact of activities.

Final Assessment: Evaluation based on participation and improvement in identified areas.

Employability Skills- I

(Common to CE,EEE,ME,ECE,CSE,IT,AI ML,CSE(DS),PT,Min.E & Agri.E)

Semester: II

Course Code: 2501UC11

L	T	P	C
0	0	2	0

Course Outcomes:

At the end of the Course, Student will be able to:

- CO1** Apply fundamental arithmetic concepts such as number systems, LCM and HCF, ratio and proportion, and averages to solve quantitative problems efficiently.
- CO2** Analyze number and letter series to identify logical patterns and predict subsequent elements.
- CO3** Select the option by evaluating relationships in analogy-based problems and detecting inconsistencies in logical sequences
- CO4** Demonstrate effective verbal communication skills by using appropriate parts of speech and tone in various interpersonal and professional contexts.

Mapping of Course Outcomes with Program Outcomes:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	2	3	-	-	1	-	-	-	-	-	-
CO2	1	3	-	2	2	-	-	-	-	-	-
CO3	-	3	-	2	1	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	2	3	-	1

Aptitude:

Number System, LCM and HCF, Ratio and Proportion, Averages

Reasoning:

Number Series, Letter Series, Number Analogy, Letter Analogy, Odd Man Out, Logical Sequence of Words.

Verbal:

Introduction to soft skills, how to improve communication? Parts of Speech, Mind your language towards better English, Vocabulary Expansion

Text Books:

1. Quantitative Aptitude -Dr. R. S. Aggarwal, S Chand, ISBN · 9789355012326.
2. A Modern Approach to Verbal and Non-Verbal Reasoning - Dr. R. S. Aggarwal, ISBN-13. 978-9352832163.
3. Quick Learning Objective General English - Dr. R. S. Aggarwal, S Chand, ISBN-13. 978-8121922111.

Reference Books:

1. Quantitative Aptitude - Abhijit Guha Mc Graw Hill Publications, ISBN-13 9789389957426.
2. How To Crack Test of Reasoning Verbal, Non-Verbal and Analytical - Jaikishan and Premkishan,Arihant Publications, NEW EDITION 2024, ASIN : B0CRQ9BVBC.
3. A New Approach to Objective English - R. S. Dhillon DGP Publications, ISBN-13: 978-8186651032.

Web Links:

1. www.indiabix.com
2. www.bankersadda.com

Employability Skills-II

(Common to CE,EEE,ME,ECE,CSE,IT,AIIML,CSE(DS),PT,Min.E and Agri.E)

Semester: III

Course Code: 2501UC13

L	T	P	C
0	0	3	0

Course Outcomes:

At the end of the Course, Student will be able to:

- CO1** Apply percentage, profit and loss, and partnership concepts to solve real-world quantitative problems.
- CO2** Analyze age-related problems to develop logical problem-solving strategies.
- CO3** Evaluate logical reasoning questions including ranking, directions, and alphabet tests for accurate decision-making.
- CO4** Solve pattern-based problems in coding and decoding to enhance analytical skills.
- CO5** Demonstrate effective written communication using correct grammar and structured presentation techniques

Mapping of Course Outcomes with Program Outcomes:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	-	-	2	-	-	-	-	-	-
CO2	2	3	2	-	1	-	-	-	-	-	-
CO3	-	3	-	2	2	-	-	-	-	-	-
CO4	-	3	-	2	2	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	2	2	-	2

Aptitude:

Problems on Ages, Partnership, Percentages, Profit and Loss

Reasoning:

Coding and Decoding, Ranking Test, Alphabet Test, Direction Test

Verbal:

Written communication skill practice, Grammatical use, Concept of 4 step method for presentation, Present Tense

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Employability Skills-III

(Common CE,EEE,ME,ECE,CSE,IT,AI ML,CSE(DS),PT,Min.E and Agri.E)

Semester: IV

Course Code: 2501UC14

L	T	P	C
0	0	3	0

Course Outcomes:

At the end of the Course, Student will be able to:

Mapping of Course Outcomes with Program Outcomes:

- CO1** Solve financial and quantitative aptitude problems using concepts of simple and compound interest.
- CO2** Apply logical time-work frameworks to solve real-time problems related to work efficiency and pipe systems .
- CO3** Analyze and interpret problems related to blood relations, clocks, calendars, and coded inequalities.
- CO4** Evaluate spatial and logical reasoning through cubes, dice, and symbolic interpretation problems.
- CO5** Demonstrate effective communication using correct grammar, and participate actively in discussions and comprehension activities.

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	2	3	-	-	1	-	-	-	-	-	-
CO2	3	3	-	-	1	-	-	-	-	-	-
CO3	-	3	-	2	1	-	-	-	-	-	-
CO4	-	3	-	2	2	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	2	3	-	2

Aptitude:

Simple Interest, Compound Interest, Time and Work, Pipes and Cisterns

Reasoning:

Blood Relations, Calendar, Clocks, Cubes and Dice, Coded Inequalities

Verbal:

Grammar in use, Group discussion, Reading Comprehension, Past Tense, Future Tense

Text Books:

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2. A Modern Approach to Verbal and Non-Verbal Reasoning - Dr. R. S. Aggarwal, ISBN-13. 978-9352832163.
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Employability Skills-IV

(Common to CE,EEE,ME,ECE,CSE,IT,AIIML,CSE(DS),PT,Min.E & Agri.E)

Semester: V

Course Code: 2501UC15

L	T	P	C
0	0	3	0

Course Outcomes:

At the end of the Course, Student will be able to:

- CO1** Apply concepts of time, speed, distance, trains, boats and streams to solve motion-related aptitude problems.
- CO2** Solve mensuration problems involving surface area and volume in real-world contexts.
- CO3** Analyze logical reasoning questions involving Venn diagrams and syllogisms to make valid conclusions.
- CO4** Interpret seating arrangements and solve non-verbal reasoning questions involving patterns and spatial reasoning.
- CO5** Demonstrate effective communication through structured self-introduction, emails, letters, reports, and grammar usage.

Mapping of Course Outcomes with Program Outcomes:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	-	-	2	-	-	-	-	-	-
CO2	3	3	-	-	2	-	-	-	-	-	-
CO3	-	3	-	2	2	-	-	-	-	-	-
CO4	-	3	-	2	2	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	2	2	-	2

Aptitude:

Time, Speed and Distance, Problems on Trains, Boats and Streams, Mensuration - I, Mensuration – II

Reasoning:

Venn Diagrams, Syllogisms, Non - Verbal Reasoning, Seating Arrangement

Verbal:

Grammatical use, Self-introduction, Letters, E-Mail and Report writing, Error correction, Effective Communication

Text Books:

- Quantitative Aptitude -Dr. R. S. Aggarwal, S CHand, ISBN · 9789355012326.
- A Modern Approach to Verbal and Non-Verbal Reasoning - Dr. R. S. Aggarwal, ISBN-13. 978-9352832163.
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Employability Skills-V

(Common to CE, EEE, ME, ECE, CSE, IT, AIML, CSE(DS), PT, MinE & Agri. E)

Semester: VIII

Course Code: 2501UC17

L	T	P	C
0	0	3	0

Course Outcomes:

At the end of the Course, Student will be able to:

- CO1** Apply principles of permutations, combinations, probability, and logarithms to solve quantitative aptitude problems.
- CO2** Interpret and analyze data from charts, graphs, and statistical tables for decision-making and accuracy.
- CO3** Evaluate logical reasoning statements involving arguments, assumptions, conclusions, and data sufficiency.
- CO4** Solve puzzle and eligibility test problems using analytical and critical thinking skills.
- CO5** Demonstrate effective interpersonal, communication, and time management skills for successful personal and professional interactions.

Mapping of Course Outcomes with Program Outcomes:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	-	-	2	-	-	-	-	-	-
CO2	3	3	-	-	2	-	-	-	-	-	-
CO3	-	3	-	2	2	-	-	-	-	-	-
CO4	-	3	-	2	2	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	2	3	-	2

Aptitude:

Permutations and Combinations, Probability, Data Interpretation, Logarithms, Statistics

Reasoning:

Puzzle Tests, Eligibility Test, Data Sufficiency, Statements - Arguments, Statements - Assumptions, Statements - Course of Action, Statements – Conclusions

Verbal:

Interview skills, Grammar in use, Interpersonal Skills, Negotiation Skills, Social Skills, Problem-Solving Skills, Time Management Skills

Text Books:

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2. A Modern Approach to Verbal and Non-Verbal Reasoning - Dr. R. S. Aggarwal, ISBN-13. 978-9352832163.
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