Institute/Department	UNIVERSITY INSTITUTE OF ENGINEERING (UIE)	Program	Bachelor of Engineering (Automobile Engineering)(AE201)
Master Subject Coordinator Name:	Sarabjeet Kaur	Master Subject Coordinator E-Code:	E18249
Course Name	SOFT SKILLS IV	Course Code	23TDP-361

Lecture	Tutorial	Practical	Self Study	Skilling	TC	TGT	TGP	Studio	Credit	Subject Type
0	0	2	0		0	0	0	0	1.00	P

Course Type	Course Category	Mode of Assessment	Mode of Delivery
N.A	Mandatory Non-Graded (MNG)	Practical Examination (PRAC)	Practical (PRAC)

Mission of the Department	1. To produce intellectual engineers with strong analytical, modelling, designing, experimental and teamwork skills. 2. To provide innovative teaching practices, through excellent laboratory infrastructure and exposure to recent trends in the automotive industry. 3. To ensure that students are molded into competent automotive engineers to meet the growing challenges of the future. 4. To provide industry oriented skills and guidance to students for conducting research and educating them with futuristic skills.
Vision of the Department	"To be a Center of Excellence in Automobile Engineering through research and innovation in emerging fields for providing globally competent Engineers equipped with the technology of the future."

Program Educational Objectives(PEOs)	
PEO1	Automobile Engineering Graduates will contribute at local, regional and global level by solving complex engineering problems in the field of Automobile and Mechanical related industries.
PEO2	To prepare graduates for successful career in the field of Automobile Engineering or a related field utilizing his/her education and contribute as an excellent professional and to encourage the spirit of entrepreneurship.
PEO3	Graduates of Automobile Engineering will be able to adapt interdisciplinary, futuristic technology and innovative skills applicable for dynamic industrial competency to achieve sustainable development goals.

Program Specific OutComes(PSOs)	
PSO1	Apply the concepts of alternative advanced fuels, combustion technology and emission norms for manufacturing and maintenance of mechanical systems & processes used in automotive sector.
PSO2	Design and analyse Automotive components and systems using conventional and/or advanced digital/simulation tools with the applications of simulation techniques.

Program OutComes(POs)	
PO1	Disciplinary Knowledge - Automobile engineering is a discipline that focuses on the design, development, and production of automobiles. It involves the study of various aspects of Automobile and mechanical systems.
PO2	Complex Problem-Solving - Complex problem-solving is a crucial skill in Automobile engineering due to the intricate nature of Automobile systems and the challenges associated with designing and operating automobiles. Automobile engineers encounter various complex problems throughout their work, and they employ systematic approaches to analyze, identify, and solve these problems effectively.
PO3	Critical Thinking - Critical thinking is a fundamental skill in the Automobile industry as it allows Automobile professionals to analyze complex situations, evaluate information, and make well-reasoned decisions. In Automobile engineering, critical thinking is applied in various aspects of design, analysis, testing, and problem-solving.
PO4	Creativity - Creativity plays a significant role in Automobile engineering, as it drives innovation, fosters the development of new technologies, and enables engineers to find unique solutions to complex problems.
PO5	Communication Skills - Communication skills are essential in the Automobile industry as they facilitate effective collaboration, information exchange, and understanding among Automobile professionals. Strong communication skills enable Automobile engineers to convey complex technical information, work in multidisciplinary teams, and interact with stakeholders.

PO6	Analytical Reasoning/Thinking - Analytical reasoning and thinking are critical skills in Automobile engineering as they allow engineers to systematically analyze complex problems, evaluate data, and make informed decisions.
PO7	Research-related Skills - Research-related skills are essential in Automobile engineering to stay updated with the latest advancements, contribute to scientific knowledge, and drive innovation in the field.
PO8	Coordinating/Collaborating with Others - Coordinating and collaborating with others is a crucial aspect of Automobile engineering as it involves working in multidisciplinary teams, coordinating efforts across different departments, and collaborating with various stakeholders.
PO9	Leadership Readiness/Qualities - Leadership readiness and qualities are important in the Automobile industry as they contribute to the success of projects, the development of teams, and the advancement of the Automobile field as a whole.
PO10	Learning how to Learn Skills - Learning how to learn is a valuable skill in Automobile engineering as it enables professionals to adapt to new technologies, keep up with advancements, and continuously improve their knowledge and skills.
PO11	Digital and Technological Skills - Digital and technological skills are becoming increasingly important in the Automobile industry as it undergoes rapid advancements in areas such as automation, data analytics, simulation, and digital connectivity.
PO12	Multicultural Competence and Inclusive Spirit - Multicultural competence and an inclusive spirit are important in the Automobile industry as it is a global field that involves collaboration among professionals from diverse backgrounds, cultures, and perspectives.
PO13	Value Inculcation - Value inculcation in Automobile refers to the process of instilling and upholding core values and ethical principles within the Automobile industry. These values guide the behaviour and decision-making of Automobile professionals, promote responsible practices, and ensure the industry's long-term sustainability.
PO14	Autonomy, Responsibility, and Accountability - Autonomy, responsibility, and accountability are important principles in the Automobile industry, especially in roles that involve decision-making, operations, and safety.
PO15	Environmental Awareness and Action - Environmental awareness and action in the Automobile industry have become increasingly important in recent years. The Automobile industry, which includes exhaust emissions study, has a significant impact on the environment due to exhaust gases and greenhouse gas emissions.
PO16	Community Engagement and Service - Community engagement and service in the Automobile industry can take various forms, and it can have a significant positive impact on society.
PO17	Empathy - Empathy is an important aspect of any industry, including Automobile. While Automobile may seem like a highly technical field, it still involves interactions with people and communities.

Text Books					
Sr No	Title of the Book	Author Name	Volume/Edition	Publish Hours	Years
1	Comprehending Verbal Ability for Success	Pro. Pardeep Kr. Bansal	17th	Chandigarh University	2025

Reference Books					
Sr No	Title of the Book	Author Name	Volume/Edition	Publish Hours	Years
1	The Hard Truth about Soft Skills	Peggy Klaus	2009(Reprint)	Harper Business	2008
2	The Elements of Style	William Strunk Jr. and E.B. White	First	Fingerprint! Publishing	2020
3	The Art of Thinking Clearly	Rolf Dobelli	First	Sceptre	2013
4	Smart Answers to Tricky Interview Questions	Rob Yeung	First	Robinson	2015
5	Bird by Bird	Anne Lamott	Anchor Book	Anchor	1995

Course OutCome	
SrNo	OutCome
CO1	Students will be able to Improvise communication, team skills, resilience, problem-solving abilities, and develop an adaptive mindset
CO2	Students will be able to gain the ability to understand complex problems, develop multiple perspective, gain experience through scenarios and apply learned techniques to real-world situations
CO3	Students will be able to develop proficiency in active listening and effective delivery, and learned to present positive, relevant and well-structured answers to

CO4	Students will be able to enhance critical thinking, deepen understanding of concepts, and improved overall communication clarity

Lecture Plan Preview-Practical						
Unit No	ExperimentNo	Experiment Name	Text/ Reference Books	Pedagogical Tool**	Mapped with CO Number(s)	BT Level
1	1	Art of Delegation	,T-Comprehending Verbal Ability f,R-The Hard Truth about Soft Skil	Hand On Activity based	CO3	BT3
1	2	Building Spontaneity	,T-Comprehending Verbal Ability f,R-The Elements of Style	Hand On Activity based	CO1	BT3
1	3	Video-Based Group Discussion	,T-Comprehending Verbal Ability f,R-The Elements of Style	Video Demonstration	CO1,CO3	BT3
1	4	Perspective Prism	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly	Hand On Activity based	CO2	BT4
1	5	Attitudinal Challenges	,T-Comprehending Verbal Ability f,R-Bird by Bird	Hand On Activity based	CO2,CO3	BT3,BT4
2	6	News Hound	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly	Hand On Activity based	CO1,CO2	BT3,BT4
2	7	Idea Generation Skills 5 - VAP & PESTLE	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly	Hand On Activity based	CO2,CO4	
2	8	Analyzing Thoughts (SWOT to SSO)	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly	Hand On Activity based	CO2,CO4	BT4
2	9	Delivering Deliberately	,T-Comprehending Verbal Ability f,R-The Elements of Style	Hand On Activity based	CO1	BT3
2	10	Tough Interview Skills	,T-Comprehending Verbal Ability f,R-Smart Answers to Tricky Interv	Hand On Activity based	CO4	BT4
3	11	Descriptive Writing	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly	Hand On Activity based	CO1	BT3
3	12	Adaptability	,T-Comprehending Verbal Ability f,R-The Elements of Style,R-The Hard Truth about Soft Skil	Hand On Activity based	CO3	BT3
3	13	Formal Introduction	,T-Comprehending Verbal Ability f,R-Smart Answers to Tricky Interv,R-The Art of Thinking Clearly,R-The Elements of Style	Hand On Activity based	CO1,CO4	BT3,BT4
3	14	Listening and Comprehending	,T-Comprehending Verbal Ability f,R-The Art of Thinking Clearly,R-The Elements of Style	Hand On Activity based	CO1	
3	15	Take the lead	,T-Comprehending Verbal Ability f,R-Bird by Bird,R-The Art of Thinking Clearly,R-The Elements of Style,R-The Hard Truth about Soft Skil	Hand On Activity based	CO3,CO4	BT3,BT4

Assessment Model			
Sr No	Exam Name	Max Marks	Weighted Marks
1	External Viva / Voce	40	40
2	Write X (Soft Skills)	10	10
3	LIVE Assignment (Soft Skills)	30	30
4	Presentation (Soft Skills)	10	10
5	Attendance and Engagement Score (LMS)	4	4
6	Quiz (Soft Skills)	6	6

CO vs PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15
CO1	NA	2	NA	1	1	3	1	2	1	1	NA	1	NA	NA	1
CO2	NA	2	NA	1	1	3	1	2	1	1	NA	1	NA	NA	1
CO3	NA	2	NA	1	1	3	1	2	1	1	NA	1	NA	NA	1
CO4	NA	2	NA	1	1	3	1	2	1	1	NA	1	NA	NA	1
Target	NA	2	NA	1	1	3	1	2	1	1	NA	1	NA	NA	1

PO16	PO17	PSO1	PSO2
NA	2	2	2
NA	2	2	2
NA	2	2	2
NA	2	2	2
NA	2	2	2