

Institute/Department	UNIVERSITY INSTITUTE OF ENGINEERING (UIE)	Program	Bachelor of Engineering-Automobile Engineering(AE201)
Master Subject Coordinator Name:	Naveen Kumar Dubey A	Master Subject Coordinator E-Code:	E12629
Course Name	Soft Skills	Course Code	20TDY-301

Lecture	Tutorial	Practical	Self Study	Credit	Subject Type
0	0	2	0	1.0	P

Course Type	Course Category	Mode of Assessment	Mode of Delivery
Employability Enhancement Course	Mandatory Non-Graded (MNG)	Practical Examination (PRAC)	Practical (PRAC)

Mission of the Department	MD1. To train professional engineers with strong analytical, modelling, designing, experimental and team work skills. MD2. To provide innovative teaching practices, through excellent laboratory infrastructure and exposure to recent trends in the automotive industry. MD3. To ensure that students are molded into competent automotive engineers to meet the growing challenges of the future. MD4. To provide industry oriented skills and guidance to students for conducting industry collaborated research and educating them with futuristic skills. MD5. Inculcate societal responsibility and ethical values to address the concerns relating to the environment and overall development.
Vision of the Department	To be a Centre of Excellence in Automobile Engineering through research 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 futuristic technology and innovative skills applicable for dynamic industrial competency to achieve sustainable development goals for life-long learning and career enhancement.

### Program Specific OutComes(PSOs)

PSO1	1. Ability to apply the concepts of alternative advanced fuels, emission norms and manufacturing technologies for design, development, analysis and maintenance of mechanical systems & processes used in automotive sector.
PSO2	2. Ability to work as a professional and/or as an entrepreneur by applying engineering principles and management practices

### Program OutComes(POs)

PO1	Engineering Knowledge: Apply knowledge of mathematics, science and engineering fundamentals and Production and Industrial Engineering specialization to the solution of complex Production and Industrial Engineering problems.
PO2	Problem Analysis: Identify, formulate, research literature and analyze complex Production and Industrial Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
PO3	Design/ Development of Solutions: Design solutions for complex Engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
PO4	Conduct investigations of complex Engineering problems: Use research-based knowledge and research methods including analysis, interpretation of data and synthesis of information to provide valid conclusions.
PO5	Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	The Engineer and Society: Apply contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO7	Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
PO9	Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	Communication: Communicate effectively on complex Engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
PO11	Project Management and Finance: Demonstrate knowledge and understanding of Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life Long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Text Books					
Sr No	Title of the Book	Author Name	Volume/Edition	Publish Hours	Years
1	Comprehending Verbal Ability For Success	Pardeep Kumar Bansal	12th Edition	Chandigarh University	2022

Reference Books					
Sr No	Title of the Book	Author Name	Volume/Edition	Publish Hours	Years
1	E-book: Soft Skills by Manmohan Joshi	Manmohan Joshi	11 Edition	Manmohan Joshi and bookboon.com	2021
2	High School English Grammar and Composition	P.C> Wren & H. Martin	11 Edition	McGraw Hill Education India	2021
3	Soft Skills by Hard people	Helena Kim	1 Edition	GoMo Books	2020
4	How to Talk to Anyone	Leil Lowndes	1	McGraw Hill	2003

Course OutCome	
SrNo	OutCome
CO1	Constructively interact with fellow students using their verbal and non-verbal communication skills.
CO2	Proficiently implement their analytical, critical and creative thinking skills for achieving their goals and completing any assigned tasks
CO3	Be an effective team member working towards a shared and common goal or purpose.
CO4	Apply the communication skills by participating in Group discussions, debates, and collaborative activities in various situations to enhance their personality.
CO5	Gain knowledge and the soft skills to meet the requirements of recruiters and hiring managers as per latest Industry standards

Lecture Plan Preview-Practical					
Unit No	ExperimentNo	Experiment Name	Text/ Reference Books	Pedagogical Tool**	Mapped with CO Numer(s)
1	1	Session Prelude	R-E-book: Soft Skills by Manmoha, R-Soft Skills by Hard people	Hand On Activity based, Video Demonstration	CO1, CO5
1	2	Round Table Summit	R-E-book: Soft Skills by Manmoha, R-How to Talk to Anyone	Hand On Activity based, Simulation Practical, Video Demonstration	CO1, CO2, CO4

1	3	Resume Building	R-High School English Grammar an	Hand On Activity based,Infographics Practical,Video Demonstration	CO2,CO5
1	4	Fabling Flair	R-E-book: Soft Skills by Manmoha,R-High School English Grammar an,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2,CO3
1	5	Video Cognizance	R-High School English Grammar an,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical,Video Demonstration	CO2,CO5
2	6	Building Verbal Repertoire	,T-Comprehending Verbal Ability F,R-High School English Grammar an	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2
2	7	The Art of the Interview	R-E-book: Soft Skills by Manmoha	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2,CO5
2	8	Showcasing a Presentation	R-How to Talk to Anyone,R-Soft Skills by Hard people	Hand On Activity based,Video Demonstration	CO1,CO2,CO5
2	9	Lively Discussions	R-How to Talk to Anyone,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical	CO1,CO2,CO3,CO4
2	10	Creative Configurations	R-E-book: Soft Skills by Manmoha,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical	CO2,CO3,CO4
3	11	Gusty Grammar	,T-Comprehending Verbal Ability F,R-High School English Grammar an	Hand On Activity based,Simulation Practical	CO2,CO5
3	12	The Pursuit of Speech	R-How to Talk to Anyone,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2,CO3,CO4
3	13	Implicit Inferences	R-E-book: Soft Skills by Manmoha,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical	CO1,CO2,CO3,CO4
3	14	Winning Collaborations	R-E-book: Soft Skills by Manmoha,R-How to Talk to Anyone	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2,CO3
3	15	Concluding Confabulations	R-How to Talk to Anyone,R-Soft Skills by Hard people	Hand On Activity based,Simulation Practical,Video Demonstration	CO1,CO2,CO5

Assessment Model			
Sr No	Assessment Name	Exam Name	Max Marks
1	20PRAC01	External Viva / Voce	40
2	20PRAC01	Experiment-1	30
3	20PRAC01	Experiment-2	30
4	20PRAC01	Experiment-3	30
5	20PRAC01	Experiment-4	30
6	20PRAC01	Experiment-5	30
7	20PRAC01	Experiment-6	30

8	20PRAC01	Experiment-7	30
9	20PRAC01	Experiment-8	30
10	20PRAC01	Experiment-9	30
11	20PRAC01	Experiment-10	30
12	20PRAC01	Mid-Term Test	20

CO vs PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	NA	NA	NA	NA	NA	1	NA	NA	3	3	2	1	NA	NA
CO2	1	2	2	2	NA	NA	NA	NA	NA	NA	1	NA	NA	NA
CO3	NA	NA	NA	NA	NA	NA	NA	NA	3	NA	3	NA	NA	2
CO4	NA	1	NA	NA	NA	NA	NA	NA	2	NA	1	NA	NA	NA
CO5	NA	NA	2	1	NA	1	NA	NA	1	1	NA	1	1	NA
Target	1	1.5	2	1.5	NA	1	NA	NA	2.25	2	1.75	1	1	2

