CITY ENGINEERING COLLEGE

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CRITERION 1 – CURRICULAR ASPECTS

KEY INDICATOR: 1.2 Academic Flexibility.

Metric Number: 1.2.2 Percentage of students enrolled in certificate/Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years.

List of Value added courses/Certificate Courses, online courses of MOOCs, SWAYAM, NPTEL etc.

Academic Year 2023-24

Sl. No.	Name of VAC/Certificate Course
1.	Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills
2.	Innovative IoT Design
3.	A Hands-on skilling workshop on bits and bytes of Networking using NS2
4.	Time Management for Personal & Professional Productivity
5.	Applied Machine Learning for Electronics Engineers
6.	Leadership and Management
7.	Aptitude and soft skills
8.	Advanced Entrepreneurship Skills

Department of Computer Science and Engineering

Academic Year 2023-2024

Value Added Course

"ELITE APTITUDE ENHANCEMENT: MASTERING VERBAL AND NON-VERBAL SKILLS"

6/5/2024 to 11/5/2024

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Date: 2/5/2024

To

The Principal
City Engineering College
Bangalore

Sub: Regarding Permission to conduct a Value – Added Course on Elite Aptitude
   Enhancement: Mastering Verbal and Non-Verbal Skills

Respected Sir,

We would like to conduct a Value - Added Course on "**Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills**" for second year students from 6/5/2024 to 11/5/2024. It is a transformative course designed to elevate communication abilities. This course equips participants with advanced techniques for articulating ideas clearly and confidently in various professional settings. By honing non-verbal cues, such as body language and facial expressions, attendees can enhance their overall communication impact. The curriculum includes practical exercises and real-world scenarios, ensuring participants can apply their skills effectively. So, I request you to permit us to conduct this course. Kindly do the needful.

Yours Sincerely

HOD
Department of CSE

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PRINCIPAL
CITY ENGINEERING COLLEGE
Kanakapura Main Road, Bangalore-560061

CHIEF PATRON

**Dr. K R Paramahamsa,
Chairman,
AMC-City - Brooklyn Group of institution**

PATRONS

Dr. S Karunakara
Principal, CEC

Dr. Narayanaswamy Ramaiah,
Vice Principal , CEC

CONVENOR

Dr. Sowmya Naik PT,
HOD CSE & Executive Officer

ABOUT COLLEGE

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.

COORDINATORS

Mrs. Vibhavi R N ,
Assistant Professor,
Department of CSE

Mrs. Archana Bhat,
Assistant Professor,
Department of CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course
On

ELITE APTITUDE ENHANCEMENT: MASTERING VERBAL AND NON-VERBAL SKILLS

6th to 11th May 2024

RESOURCE PERSON

Mr Prudhvi Raj ,
Freelance aptitude and
Soft skills trainer

CONTACT DETAILS
Mrs. Vibhavi R N, Asst.Prof, CSE
PH: 8123210232

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was started in the year 2001 is known for imparting Quality education and carrying out cutting edge research. In addition to the UG program, PG CSE program and Research facilities for Ph.D. The department offers undergraduate program and has a comprehensive curriculum on topics related to software and hardware with an emphasis on theoretical and practical learning. It has well equipped, state of the art laboratories supported by highspeed Internet and wireless networks.

ABOUT RESOURCE PERSON

Prudhvi Raj, an experienced aptitude and soft skills trainer with a background in mechanical engineering and psychology, excels in teaching with a focus on individual student needs, effective communication, and problem-solving. He has trained students and professionals across over 150 colleges and various institutions in India, specializing in quantitative aptitude, logical reasoning, recruitment essentials, and soft skills. Known for his engaging teaching style and leadership abilities, Prudhvi is passionate about nurturing young talent and enjoys working in diverse environments.

ABOUT THE COURSE

Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills is a comprehensive program designed to boost proficiency in both spoken and written communication. It emphasizes vocabulary expansion and the precise use of grammar to ensure clarity and accuracy in expression. The course also focuses on critical thinking and logical reasoning, equipping participants with the skills to analyze and solve complex problems effectively. Additionally, it includes training in data interpretation, enabling individuals to understand and draw insights from various data sets. This intensive program aims to foster academic and professional success by enhancing essential verbal and non-verbal skills.

COURSE OUTCOMES

- Enhanced verbal and non-verbal communication skills
- Improved vocabulary and grammar usage
- Strengthened logical reasoning and problem-solving abilities
- Effective self-assessment and goal-setting techniques
- Consistent practice and progress tracking habits
- Increased proficiency in academic and professional contexts
- Preparation for real test conditions through mock tests
- Development of lifelong learning strategies and personal growth habit

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Department of Computer Science and Engineering

Ref No: CEC/CSE/C1/1.2.1/ACY2023-24/OR/05   Date: 3/5/2024

CIRCULAR

Sub: Conducting a Value-added course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills

This is to inform all the concerned that a 5-day value added course on **Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills** by **Mr. Prudhvi Raj,** Freelance aptitude and soft skills trainer has been organized from 6/5/2024 to 11/5/2024. All the second-year students have to participate compulsorily for the same. Attendance will be viewed strictly. All the second-year students are here by instructed to attend the session and get the maximum benefits.

Dr. Sowmya Naik P T
HOD
Department of CSE

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Department of Computer Science and Engineering

Value Added Course "Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills"

Date: 6/5/2024 to 11/5/2024

Schedule

Date	Session 1 (9.15 -11.15)	Session 2 (11:30-1:30)	Session 3 (2:00 -4:00)
6/5/2024	Introduction to course objectives and structure Importance of verbal and non-verbal skills in academic and professional settings Initial self-assessment exercise	Conducting a comprehensive self-assessment to identify current strengths and areas for improvement Setting personal goals for the course	Diagnostic tests and goal-setting worksheet
7/5/2024	Strategies for expanding vocabulary (contextual learning, mnemonics, word roots) Tools for learning new words (flashcards, vocabulary apps)	Activities: Flashcards creation, vocabulary quizzes, word usage exercises	Detailed study of essential grammar rules (syntax, punctuation, sentence structure) Common grammatical errors and how to avoid them
8/5/2024	Activities: Grammar exercises, proofreading and editing practice, writing assignments	Recognizing patterns, sequences, and logical relationships Solving logic puzzles and brainteasers	Activities: Pattern recognition exercises, logical puzzles, reasoning tests
9/5/2024	Applying logical reasoning to solve complex problems Breaking down problems into manageable steps	Developing and testing hypotheses Activities: Problem-solving exercises, case studies, real-life scenario analysis	Establishing a routine for regular practice and continuous improvement Setting weekly practice goals and tracking progress
11/5/2024	Simulating real test conditions to assess progress and identify areas for improvement Full-length practice tests and timed quizzes	Applying verbal and non-verbal skills in academic and professional contexts Activities: Case studies, practical applications, interview practice	Developing habits for continuous learning and personal growth Activities: Lifelong learning strategies, resource recommendations

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE SYLLABUS

Course Name: Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills

Duration: 30 hours

Course Objectives:
- Develop a diverse and extensive vocabulary through targeted learning strategies.
- Master essential grammar rules to enhance writing and speaking clarity.
- Apply active reading techniques to understand and analyze complex texts.
- Develop critical thinking skills to evaluate arguments and identify logical patterns.
- Improve spatial visualization and proficiency in interpreting graphical data.

Module	Topic
Module 1: Introduction	**Course Overview:** Introduction to course objectives and structure. Importance of verbal and non-verbal skills in academic and professional settings. Initial self-assessment exercise. **Self-Assessment:** Conducting a comprehensive self-assessment to identify current strengths and areas for improvement. Setting personal goals for the course. Diagnostic tests and goal-setting worksheet.
Module 2: Verbal Aptitude	**Vocabulary Building:** Strategies for expanding vocabulary (contextual learning, mnemonics, word roots). Tools for learning new words (flashcards, vocabulary apps). Activities: Flashcards creation, vocabulary quizzes, word usage exercises. **Grammar and Usage:** Detailed study of essential grammar rules (syntax, punctuation, sentence structure). Common grammatical errors and how to avoid them. Activities: Grammar exercises, proofreading and editing practice, writing assignments.

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Module 3: **Non-Verbal Aptitude**	**Logical Reasoning:** Recognizing patterns, sequences, and logical relationships. Solving logic puzzles and brainteasers. Activities: Pattern recognition exercises, logical puzzles, reasoning tests. **Problem Solving:** Applying logical reasoning to solve complex problems. Breaking down problems into manageable steps. Developing and testing hypotheses. Activities: Problem-solving exercises, case studies, real-life scenario analysis.
Module 4: **Practice and Application**	**Consistent Practice:** Establishing a routine for regular practice and continuous improvement. Setting weekly practice goals and tracking progress. Activities: Weekly practice schedules, progress tracking logs, reflection journals. **Mock Tests:** Simulating real test conditions to assess progress and identify areas for improvement. Full-length practice tests and timed quizzes
Module 5: **Real-World Application**	**Career and Academic Skills:** Applying verbal and non-verbal skills in academic and professional contexts. Activities: Case studies, practical applications, interview practice. **Lifelong Learning:** Developing habits for continuous learning and personal growth. Activities: Lifelong learning strategies, resource recommendations.

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

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Department of Computer Science and Engineering

Value Added Course "Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills"

Resource Person Profile

Prudhvi Raj is a highly qualified and experienced aptitude and soft skills trainer with a background in mechanical engineering from GITAM University, Hyderabad, and a postgraduate degree in psychology. He has a strong passion for teaching and has honed his skills in dynamic educational settings. Prudhvi is noted for his organizational abilities, drive, and effectiveness in teaching, with a particular focus on individual student needs. He has a diverse skill set that includes excellent communication, teamwork, interpersonal relations, and problem-solving abilities, which he has developed through various academic and work experiences.

Prudhvi has extensive experience in training students and professionals across a wide range of institutions, including colleges, corporate offices, and NGOs. He has worked with over 150 colleges and has been involved in training sessions across multiple states in India. His expertise includes quantitative aptitude, logical reasoning, recruitment essentials, and soft skills. He is known for his engaging teaching style and his ability to convey concepts in an interesting and impactful manner.

Prudhvi's leadership and teamwork skills have been developed through his involvement in sports, community development, and voluntary work. He is also a good motivator and listener, with a keen sense of intuition and timing, which he uses to support and develop the talents of others. His interests include training and interacting with young talent, as well as traveling and experiencing new cultures and languages. He enjoys working in different environments and is committed to his role as a trainer.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Value added course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills
List of students of enrolled

SLNO	USN	Name	SL NO	USN	Name
1	1CE22CS001	AARYAN SAHU	28	1CE22CS031	CHANDANA P
2	1CE22CS002	ABHINANDAN RAJENDRA HAVANNAVAR	29	1CE22CS032	CHANDANA S
3	1CE22CS003	ABHISHEK K	30	1CE22CS033	CHANDRESH KUSHAL G R
4	1CE22CS004	ABHISHEK KUMAR	31	1CE22CS034	CHETHAN KUMAR G S
5	1CE22CS005	ABHISHEK M K	32	1CE22CS035	CHINMAYI S
6	1CE22CS006	ABHISHEK S GULER	33	1CE22CS036	D U VAMSHI
7	1CE22CS008	ADITHYA KUMAR	34	1CE22CS037	DARSHAN B
8	1CE22CS009	AISHWARYA K H	35	1CE22CS038	DARSHAN M
9	1CE22CS010	AMITH	36	1CE22CS039	DARSHAN T S
10	1CE22CS011	AMRUTHA R K	37	1CE22CS040	DEEKSHITHKUMAR DEVARAJ NAIK
11	1CE22CS012	ANEESHA S	38	1CE22CS041	DHANALAKSHMI K
12	1CE22CS013	ANJALI	39	1CE22CS042	DHANUSH S
13	1CE22CS014	ANUSHA A	40	1CE22CS045	DURGESH K
14	1CE22CS015	ANUSHA B T	41	1CE22CS046	G KAVYA
15	1CE22CS017	ARAVIND SHRIMANTH CHAWAN	42	1CE22CS047	GANESH G K
16	1CE22CS019	ARPITHA A	43	1CE22CS048	GAVISIDDAPPA
17	1CE22CS018	ARPITHA M	44	1CE22CS049	GOKULALAKSHMI M
18	1CE22CS020	ARUNKUMAR D	45	1CE22CS051	H V SHANKAR
19	1CE22CS021	ASHIK K SHETTY	46	1CE22CS053	HANAMANTH BANGARGI
20	1CE22CS022	ASHRITHA S	47	1CE22CS054	HARINI V
21	1CE22CS023	B PRASANNA	48	1CE22CS056	HARSHAVARDHAN M
22	1CE22CS024	B S AKSHATHA	49	1CE22CS057	HARSHITH S
23	1CE22CS025	BALAJI	50	1CE22CS058	HEMALATHA
24	1CE22CS026	BANUPRIYA B	51	1CE22CS061	HEMANTH L
25	1CE22CS027	BHAGYAJYOTHI	52	1CE22CS062	HEMANTH RAJU N A
26	1CE22CS028	BHAVANI M	53	1CE22CS063	HITHASHREE D M
27	1CE22CS030	CHAITHANYA	54	1CE22CS070	K S BHAVANA

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SLNO	USN	Name	SLNO	USN	Name
55	1CE22CS073	KAVYA V	82	1CE22CS082	LAVANYA M N
56	1CE22CS101	MYTHREYI K N	83	1CE22CS083	LOKESH B S
57	1CE22CS137	SANDEEP GOWDA M E	84	1CE22CS084	LOKESHA H
58	1CE22CS176	VINUTH P SHETTY	85	1CE22CS085	M S SHIVA KARTHIK
59	1CE23CS400	HARSHATH K C	86	1CE22CS086	MADHUMITHA K
60	1CE23CS406	MONICA .S	87	1CE22CS087	MAMATHA G A
61	1CE23CS410	PAVAN KALYAN S	88	1CE22CS088	MAMATHA R
62	1CE23CS412	SHAHID AFNAN KHAN	89	1CE22CS089	MANASA P
63	1CE23CS415	YASHWANTH KUMAR D	90	1CE22CS090	MANOJ S
64	1CE22CS029	BHUVANA N	91	1CE22CS091	MARTHYASHREE H R
65	1CE22CS043	DHARSHANA MURTHY S	92	1CE22CS092	MATLAMADUGU CHANDANA
66	1CE22CS044	DINESH KUMAR M	93	1CE22CS093	MAYUR BASAVARAJ HOTKAR
67	1CE22CS065	IQHRA	94	1CE22CS094	MD SOHAIL AHMED
68	1CE22CS066	JEEVAN	95	1CE22CS096	MOHAMMED KAIF
69	1CE22CS067	JEEVAN GOWDA B L	96	1CE22CS097	MOHAMMED RAIYAN A
70	1CE22CS068	JENIT SAMUEL	97	1CE22CS099	MURALI M V
71	1CE22CS069	JOHN M	98	1CE22CS100	MUSKAAN IZHAR BAIG
72	1CE22CS071	K V GAYATHRI	99	1CE22CS102	MYTHRI G
73	1CE22CS072	KARTHIK GOWDA V A	100	1CE22CS103	NAMRATHA S S
74	1CE22CS074	KEERTHANA A	101	1CE22CS104	NANDINI R
75	1CE22CS075	KEERTHI R K	102	1CE22CS105	NANDITHA N
76	1CE22CS076	KEERTHI RAJU M T	103	1CE22CS106	NARESH KUMAR B
77	1CE22CS077	KIRAN KUMAR R	104	1CE22CS107	NAVEEN
78	1CE22CS078	KOMAL KUMARI	105	1CE22CS109	NIHAL ADITHYA
79	1CE22CS079	KUSHAL R	106	1CE22CS110	NIKHIL
80	1CE22CS080	LAKSHMI HOOVAPPA MUDAGOLA	107	1CE22CS111	NIKHILKUMAR P
81	1CE22CS081	LAVANYA B S	108	1CE22CS112	NITHYA SHREE U

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SLNO	USN	Name	SLNO	USN	Name
109	1CE22CS113	NITHYASHREE R	138	1CE22CS140	SHASHANK R
110	1CE22CS114	P A GOPIKA	139	1CE22CS141	SHEKHAR C M
111	1CE22CS115	P MANASWINI	140	1CE22CS142	SHISHER J
112	1CE22CS116	PAVITHRA V	141	1CE22CS143	SHREYA KRUPESH
113	1CE22CS117	PRAJWAL Y	142	1CE22CS144	SHREYAS N GAIKWAD
114	1CE22CS118	PRAKRUTHI M	143	1CE22CS145	SHRINIVAS
115	1CE22CS119	PRASANNA R G	144	1CE22CS146	SIDDESH M B
116	1CE22CS121	PRAVEEN KUMAR V	145	1CE22CS147	SINCHANA K C
117	1CE22CS120	PRAVEEN KUMAR M B	146	1CE22CS148	SNEHA M
118	1CE22CS122	PRERAN RAJATH	147	1CE22CS149	SONAL RAHUL JOSHI
119	1CE22CS123	PRERANA V	148	1CE22CS150	SONAL SINGH M
120	1CE22CS124	PRIYA J	149	1CE22CS151	SOWMYA M
121	1CE22CS125	PRIYADARSHINI S	150	1CE22CS153	SRUSTI V
122	1CE22CS126	PUSHPALATHA GT	151	1CE22CS154	SUCHITRA M B
123	1CE22CS127	RABIYA TABASSUM Z	152	1CE22CS155	SUDEEP B
124	1CE22CS128	RAHUL SINGH	153	1CE22CS156	P SUJITH
125	1CE22CS138	SANTOSH B	154	1CE22CS157	SUNIL R K
126	1CE22CS161	SUSHMITHA L	155	1CE22CS158	SUPRITH KUMAR B L
127	1CE22CS052	HAMSA C	156	1CE22CS159	SUPRIYA M M
128	1CE22CS064	ILAHI RUB	157	1CE22CS160	SURAJIT BURAGOHAIN
129	1CE22CS108	NEHASHREE N	158	1CE22CS162	SWATHI M
130	1CE22CS129	RAMYASHREE C	159	1CE22CS163	SWATHI R
131	1CE22CS130	RASHMI H J	160	1CE22CS164	SYED ABDUL AAQUIB
132	1CE22CS131	RATNADEEP	161	1CE22CS165	TAHSEEN RAZA
133	1CE22CS132	S YASHASWINI	162	1CE22CS167	THANMAY J
134	1CE22CS133	SABARINATH S	163	1CE22CS168	THEJASHWINI R
135	1CE22CS134	SACHIN LAXMAN RATHOD	164	1CE22CS169	UZMA AZEEZ
136	1CE22CS135	SAGAR SADASHIV PATIL	165	1CE22CS170	V SUDEEP
137	1CE22CS136	SAIKIRAN KUMAR K A	166	1CE22CS171	VARALAKSHMI P

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SLNO	USN	Name	SLNO	USN	Name
167	1CE22CS172	VARSHA S	179	1CE22CS186	G SUHAS RAJ
168	1CE22CS173	VEERAPPA SIDDALINGAPPA BULLA	180	1CE23CS401	JAYANTH N
169	1CE22CS175	VINOD	181	1CE23CS402	KEERTHANA B
170	1CE22CS177	VISHAL R	182	1CE23CS403	KEERTHANA H D
171	1CE22CS178	VIVEK R	183	1CE23CS404	LALTHESH G HRISHIKESH
172	1CE22CS179	VIVIAN STUART CARDEIRO	184	1CE23CS405	MANOJ RUGVEDI M S
173	1CE22CS180	YAMINI R	185	1CE23CS407	NAFISABANU M ANNIGERI
174	1CE22CS181	YARAPPA NIRANJAN	186	1CE23CS408	NANDAN M
175	1CE22CS182	YASHAS C GOWDA	187	1CE23CS409	NIKITA KUMARI
176	1CE22CS183	YASHASWINI SAJJANSHETTAR	188	1CE23CS413	SUDEEPA U
177	1CE22CS184	YASHAVANT NINGAPPA BANNUR	189	1CE23CS414	VIKAS GOWDA D
178	1CE22CS185	YASHWANTH T S	190	1CE23CS411	SANKET YELMAMDI

Mrs. Vibhavi R N
Coordinator

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value added course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills
6/5/2024 to 11/5/2024
Students Attendance

SL NO	USN	Name	06-05-2024	07-05-2024	08-05-2024	09-05-2024	11-05-2024
1	1CE22CS001	AARYAN SAHU	Aaryan	Aaryan	Aaryan	Aaryan	Aaryan
2	1CE22CS002	ABHINANDAN RAJENDRA HAVANNAVAR	Abhi	Abhi	Abhi	Abhi	Abhi
3	1CE22CS003	ABHISHEK K	AK	AK	AK	AK	AK
4	1CE22CS004	ABHISHEK KUMAR	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	1CE22CS005	ABHISHEK M K	MK	MK	MK	MK	MK
6	1CE22CS006	ABHISHEK S GULER	ASG	ASG	ASG	ASG	ASG
7	1CE22CS008	ADITHYA KUMAR	Adithya	Adithya	Adithya	Adithya	Adithya
8	1CE22CS009	AISHWARYA K H	Aishwaarya	Aishwaarya	Aishwaarya	Aishwaarya	Aishwaarya
9	1CE22CS010	AMITH	Amith	Amith	Amith	Amith	Amith
10	1CE22CS011	AMRUTHA R K	RK	RK	RK	RK	RK
11	1CE22CS012	ANEESHA S	An	An	An	An	An
12	1CE22CS013	ANJALI	Anjali	Anjali	Anjali	Anjali	Anjali
13	1CE22CS014	ANUSHA A	Anu	Anu	Anu	Anu	Anu
14	1CE22CS015	ANUSHA B T	Anu	Anu	Anu	Anu	Anu
15	1CE22CS017	ARAVIND SHRIMANTH CHAWAN	AS	AS	AS	AS	AS
16	1CE22CS019	ARPITHA A	Arpitha	Arpitha	Arpitha	Arpitha	Arpitha
17	1CE22CS018	ARPITHA M	AM	AM	AM	AM	AM
18	1CE22CS020	ARUNKUMAR D	Arun	Arun	Arun	Arun	Arun
19	1CE22CS021	ASHIK K SHETTY	Ashik	Ashik	Ashik	Ashik	Ashik
20	1CE22CS022	ASHRITHA S	AS	AS	AS	AS	AS
21	1CE22CS023	B PRASANNA	BP	BP	BP	BP	BP
22	1CE22CS024	B S AKSHATHA	AKstha	Aksstha	Aksstha	Aksstha	AK stha
23	1CE22CS025	BALAJI	B	B	B	B	B
24	1CE22CS026	BANUPRIYA B	Banu	Banu	Banu	Banu	Banu
25	1CE22CS027	BHAGYAJYOTHI	B jy	B jy	B jy	B jy	B jy
26	1CE22CS028	BHAVANI M	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani
27	1CE22CS030	CHAITHANYA	Ch tya	Ch tya	Ch tya	Ch tya	Ch tya
28	1CE22CS031	CHANDANA P	Chandana	Chandana	Chandana	Chandana	Chandana
29	1CE22CS032	CHANDANA S	Ch	Ch	Ch	Ch	Ch
30	1CE22CS033	CHANDRESH KUSHAL G R	Kushal	Kushal	Kushal	Kushal	Kushal

31	1CE22CS034	CHETHAN KUMAR G S	Chethu	Chethu	Chethu	Chethu	Chethu
32	1CE22CS035	CHINMAYI S	chinmayi	chinmayi	chinmayi	Chinmayi	Chinmayi
33	1CE22CS036	D U VAMSHI	vamshi	vamshi	vamshi	vamshi	vamshi
34	1CE22CS037	DARSHAN B					
35	1CE22CS038	DARSHAN M	M Darsh	M Darsh	M Darsh	M Darsh	M Darsh
36	1CE22CS039	DARSHAN T S	Darshan	Darshan	Darshan	Darshan	Darshan
37	1CE22CS040	DEEKSHITHKUMAR DEVARAJ NAIK					
38	1CE22CS041	DHANALAKSHMI K	Dhany	Dhanu	Dhanu	Dhany	Dhanu
39	1CE22CS042	DHANUSH S	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush
40	1CE22CS045	DURGESH K	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
41	1CE22CS046	G KAVYA	GK	GK	GK	GK	GK
42	1CE22CS047	GANESH G K	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
43	1CE22CS048	GAVISIDDAPPA	Gavi	Gavi	Gavi	Gavi	Gavi
44	1CE22CS049	GOKULALAKSHMI M	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
45	1CE22CS051	H V SHANKAR	Shankar	Shankar	Shankar	Shankar	Shankar
46	1CE22CS053	HANAMANTH BANGARGI	Hanu	Hanu	Hanu	Hanu	Hanu
47	1CE22CS054	HARINI V	Harini	Harini	Harini	Harini	Harini
48	1CE22CS056	HARSHAVARDHAN M	Harsh	Harsh	Harsh	Harsh	Harsh
49	1CE22CS057	HARSHITH S	Harshitha S	Harshitha S	Harshitha S	Harshitha S	Harshitha S
50	1CE22CS058	HEMALATHA	Hema	Hema	Hema	Hema	Hema
51	1CE22CS061	HEMANTH L	Hemanth L	Hemanth L	Hemanth L	Hemanth L	Hemanth L
52	1CE22CS062	HEMANTH RAJU N A	Raju	Raju	Raju	Raju	Raju
53	1CE22CS063	HITHASHREE D M	Hitha	Hitha	Hitha	Hitha	Hitha
54	1CE22CS070	K S BHAVANA					
55	1CE22CS073	KAVYA V	Kavya	Kavya	Kavya	Kavya	Kavya
56	1CE22CS101	MYTHREYI K N	Mythrei	Mythrei	Mythrei	Mythrei	Mythrei
57	1CE22CS137	SANDEEP GOWDA M E	Gowda	Gowda	Gowda	Gowda	Gowda
58	1CE22CS176	VINUTH P SHETTY	vinuth	vinuth	vinuth	vinuth	vinuth
59	1CE23CS400	HARSHATH K C	Ho	Ho	Ho	Ho	Ho
60	1CE23CS406	MONICA .S	monica S	monica S	monica S	Monica S	monica.S
61	1CE23CS410	PAVAN KALYAN S	kaly	kaly	kaly	kaly	kaly
62	1CE23CS412	SHAHID AFNAN KHAN	Afnan	Afnan	Afnan	Afnan	Afnan
63	1CE23CS415	YASHWANTH KUMAR D	kumar	kumar	kumar	kumar	kumar
64	1CE22CS029	BHUVANA N	Bhuvi	Bhuvi	Bhuvi	Bhuvi	Bhuvi
65	1CE22CS043	DHARSHANA MURTHY S	Dharshan	Dharshan	Dharshan	Dharshan	Dharshan
66	1CE22CS044	DINESH KUMAR M	Dineshk	Dineshk	Dineshk	Dineshk	Dineshk

67	1CE22CS065	IQHRA					
68	1CE22CS066	JEEVAN					
69	1CE22CS067	JEEVAN GOWDA B L					
70	1CE22CS068	JENIT SAMUEL					
71	1CE22CS069	JOHN M					
72	1CE22CS071	K V GAYATHRI	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
73	1CE22CS072	KARTHIK GOWDA V A	Karthi	Karthi	Karthi	Kardhi	Kardhi
74	1CE22CS074	KEERTHANA A					
75	1CE22CS075	KEERTHI R K	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
76	1CE22CS076	KEERTHI RAJU M T					
77	1CE22CS077	KIRAN KUMAR R	Kiran	Kiran	Kiran	Kiran	Kiran
78	1CE22CS078	KOMAL KUMARI	Kumari	Kumari	Kumari	Kumari	Kumari
79	1CE22CS079	KUSHAL R	Kushalir	Kushalir	Kushalir	Kushalir	Kushalir
80	1CE22CS080	LAKSHMI HOOVAPPA MUDAGOLA	Lakhi.HM	Lakhs.HM	Lakhi.HM	Lakhi.HM	Lakhi.HM
81	1CE22CS081	LAVANYA B S	lavanya	lavanya	lavanya	lavanya	lavanya
82	1CE22CS082	LAVANYA M N	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya
83	1CE22CS083	LOKESH B S					
84	1CE22CS084	LOKESHA H					
85	1CE22CS085	M S SHIVA KARTHIK	Shivakarthik ms	Shivakarthik ms	Shivakarthik ms	Shivakarthik ms	Shivakarthik ms
86	1CE22CS086	MADHUMITHA K	Madhu	Madhu	Madhu	Madhu	Madhu
87	1CE22CS087	MAMATHA G A	mamatha	mamatha	mamatha	mamatha	mamatha
88	1CE22CS088	MAMATHA R	Mamatha	Mamatha	mamatha	mamatha	mamatha
89	1CE22CS089	MANASA P	Mass	Mass	Mass	Manu	Manu
90	1CE22CS090	MANOJ S	manoj	manoj	manoj	Manoj	Manoj
91	1CE22CS091	MARTHYASHREE H R	marthy	marthy	marthy	marthy	marthy
92	1CE22CS092	MATLAMADUGU CHANDANA					
93	1CE22CS093	MAYUR BASAVARAJ HOTKAR	Hotkar	Hotkar	Hotkar	Hotkar	Hotkar
94	1CE22CS094	MD SOHAIL AHMED	Sohil	Sohil	Sohil	Sohil	Sohil
95	1CE22CS096	MOHAMMED KAIF	Kaif	Kaif	Kaif	Kaif	Kaif
96	1CE22CS097	MOHAMMED RAIYAN A	Raiyan	Raiyan	Raiyan	Raiyan	Raiyan
97	1CE22CS099	MURALI M V	Murali	Murali	Murali	Murali	Murali
98	1CE22CS100	MUSKAAN IZHAR BAIG	Baig	Baig	Baig	Baig	Baig
99	1CE22CS102	MYTHRI G	mythri	mythri	mythri	mythri	mythri
100	1CE22CS103	NAMRATHA S S	Namratha	Namratha	Namratha	Namratha	Namratha
101	1CE22CS104	NANDINI R	nandini	nandini	nandini	nandini	nandini
102	1CE22CS105	NANDITHA N	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha

103	1CE22CS106	NARESH KUMAR B					
104	1CE22CS107	NAVEEN					
105	1CE22CS109	NIHAL ADITHYA					
106	1CE22CS110	NIKHIL					
107	1CE22CS111	NIKHILKUMAR P					
108	1CE22CS112	NITHYA SHREE U					
138	1CE22CS140	SHASHANK R					
139	1CE22CS141	SHEKHAR C M					
140	1CE22CS142	SHISHER J					
141	1CE22CS143	SHREYA KRUPESH					
142	1CE22CS144	SHREYAS N GAIKWAD					
143	1CE22CS145	SHRINIVAS					
144	1CE22CS146	SIDDESH M B					
145	1CE22CS147	SINCHANA K C					
146	1CE22CS148	SNEHA M					
147	1CE22CS149	SONAL RAHUL JOSHI					
148	1CE22CS150	SONAL SINGH M					
149	1CE22CS151	SOWMYA M					
150	1CE22CS153	SRUSTI V					
151	1CE22CS154	SUCHITRA M B					
152	1CE22CS155	SUDEEP B					
153	1CE22CS156	P SUJITH					
154	1CE22CS157	SUNIL R K					
155	1CE22CS158	SUPRITH KUMAR B L					
156	1CE22CS159	SUPRIYA M M					
157	1CE22CS160	SURAJIT BURAGOHAIN					
158	1CE22CS162	SWATHI M					
159	1CE22CS163	SWATHI R					
160	1CE22CS164	SYED ABDUL AAQUIB					
161	1CE22CS165	TAHSEEN RAZA					
162	1CE22CS167	THANMAY J					
163	1CE22CS168	THEJASHWINI R					
164	1CE22CS169	UZMA AZEEZ					
165	1CE22CS170	V SUDEEP					
166	1CE22CS171	VARALAKSHMI P					
167	1CE22CS172	VARSHA S					
168	1CE22CS173	VEERAPPA SIDDALINGAPPA BULLA					

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169	1CE22CS175	VINOD					
170	1CE22CS177	VISHAL R					
171	1CE22CS178	VIVEK R					
172	1CE22CS179	VIVIAN STUART CARDEIRO					
173	1CE22CS180	YAMINI R					
174	1CE22CS181	YARAPPA NIRANJAN					
175	1CE22CS182	YASHAS C GOWDA					
176	1CE22CS183	YASHASWINI SAJJANSHETTAR					
177	1CE22CS184	YASHAVANT NINGAPPA BANNUR					
178	1CE22CS185	YASHWANTH T S					
179	1CE22CS186	G SUHAS RAJ					
180	1CE23CS401	JAYANTH N					
181	1CE23CS402	KEERTHANA B					
182	1CE23CS403	KEERTHANA H D					
183	1CE23CS404	LALTHESH G HRISHIKESH					
184	1CE23CS405	MANOJ RUGVEDI M S					
185	1CE23CS407	NAFISABANU M ANNIGERI					
186	1CE23CS408	NANDAN M					
187	1CE23CS409	NIKITA KUMARI					
188	1CE23CS413	SUDEEPA U					
189	1CE23CS414	VIKAS GOWDA D					
190	1CE23CS411	SANKET YELMAMDI					

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 6/5/2024 to 11/5/2024**

Value Added Course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills

<u>Assessment Questions</u>

1. Which of the following is a synonym for "cogent"?
   a) Weak
   b) Unclear
   c) Persuasive
   d) Invalid

2. What is the meaning of the idiom "a blessing in disguise"?
   a) A hidden curse
   b) A surprising misfortune
   c) Something good that isn't recognized initially
   d) A well known blessing

3. Identify the part of speech of the underlined word: "She ran *quickly* to catch the bus."
   a) Noun
   b) Verb
   c) Adjective
   d) Adverb

4. Which sentence is grammatically correct?
   a) He don't like apples.
   b) She doesn't likes oranges.
   c) They doesn't want any coffee.
   d) She doesn't like oranges.

5. Choose the correctly punctuated sentence:
   a) My sister, who lives in Paris, is visiting next week.
   b) My sister who lives in Paris is visiting next week.
   c) My sister who lives, in Paris is visiting next week.
   d) My sister who lives in Paris, is visiting next week.

6. Which of the following is a form of nonverbal communication?
   a) Email
   b) Body language
   c) Text message
   d) Telephone call

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7. What does it typically mean when someone crosses their arms during a conversation?
   a) They are interested
   b) They are cold
   c) They are defensive or closed off
   d) They are tired

8. Which gesture is generally considered positive and shows agreement or approval?
   a) Shaking head side to side
   b) Crossing arms
   c) Nodding head up and down
   d) Looking away

9. If a person avoids eye contact during a conversation, it can indicate:
   a) Confidence
   b) Disinterest or discomfort
   c) Agreement
   d) Excitement

   10. Which of the following facial expressions typically indicates happiness?
    a) Frowning
    b) Furrowing brows
    c) Smiling
    d) Pursing lips

11. What is the primary objective of the initial self-assessment exercise in Module 1?
   a) To complete a vocabulary quiz
   b) To identify current strengths and areas for improvement
   c) To learn new grammar rules
   d) To solve logic puzzles

12. Which of the following is a strategy for expanding vocabulary covered in Module 2?
   a) Watching movies
   b) Contextual learning
   c) Skipping unfamiliar words
   d) Ignoring word roots

13. What tool can be used for learning new words according to Module 2?
   a) Crossword puzzles
   b) Grammar books
   c) Flashcards
   d) Logical reasoning apps

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14. Which activity is included in the Vocabulary Building session of Module 2?
   a) Proofreading practice
   b) Flashcards creation
   c) Pattern recognition exercises
   d) Real-life scenario analysis

15. What is the focus of the Grammar and Usage session in Module 2?
   a) Recognizing patterns
   b) Expanding vocabulary
   c) Studying essential grammar rules
   d) Establishing weekly practice goals

16. What type of exercises are included in the Grammar and Usage session?
   a) Logical puzzles
   b) Grammar exercises
   c) Word usage exercises
   d) Mock tests

17. What is the primary focus of the Logical Reasoning session in Module 3?
   a) Vocabulary quizzes
   b) Grammar and punctuation
   c) Recognizing patterns and logical relationships
   d) Developing lifelong learning strategies

18. Which activity is part of the Logical Reasoning session in Module 3?
   a) Case studies
   b) Flashcards creation
   c) Problem-solving exercises
   d) Logical puzzles

19. What does the Problem Solving session in Module 3 emphasize?
   a) Grammar exercises
   b) Breaking down problems into manageable steps
   c) Vocabulary building
   d) Conducting initial self-assessment

20. Which type of exercises are included in the Problem Solving session?
   a) Word usage exercises
   b) Real-life scenario analysis
   c) Pattern recognition exercises
   d) Vocabulary quizzes

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21. What is the goal of the Consistent Practice session in Module 4?
    a) Expanding vocabulary
    b) **Establishing a routine for regular practice**
    c) Conducting initial self-assessment
    d) Studying essential grammar rules

22. Which activity is part of the Consistent Practice session in Module 4?
    a) Timed quizzes
    b) **Reflection journals**
    c) Grammar exercises
    d) Logical puzzles

23. What is the purpose of the Mock Tests session in Module 4?
    a) To learn new grammar rules
    b) **To assess progress and identify areas for improvement**
    c) To create flashcards
    d) To establish weekly practice goals

24. What is the primary focus of the Career and Academic Skills session in Module 5?
    a) Recognizing patterns and sequences
    b) **Applying verbal and non-verbal skills in academic and professional contexts**
    c) Conducting initial self-assessment
    d) Studying essential grammar rules

25. What is the goal of the Lifelong Learning session in Module 5?
    a) **Developing habits for continuous learning and personal growth**
    b) Solving logical puzzles
    c) Conducting vocabulary quizzes
    d) Breaking down problems into manageable steps

Mrs. Vibhavi R N   **Dr. Sowmya Naik P T**
Coordinator   **HOD**

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value added course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills
6/5/2024 to 11/5/2024
Assessment Marks

SL NO	USN	Name	Marks
1	1CE22CS001	AARYAN SAHU	21
2	1CE22CS002	ABHINANDAN RAJENDRA HAVANNAVAR	18
3	1CE22CS003	ABHISHEK K	21
4	1CE22CS004	ABHISHEK KUMAR	16
5	1CE22CS005	ABHISHEK M K	15
6	1CE22CS006	ABHISHEK S GULER	18
7	1CE22CS008	ADITHYA KUMAR	25
8	1CE22CS009	AISHWARYA K H	22
9	1CE22CS010	AMITH	21
10	1CE22CS011	AMRUTHA R K	19
11	1CE22CS012	ANEESHA S	15
12	1CE22CS013	ANJALI	14
13	1CE22CS014	ANUSHA A	16
14	1CE22CS015	ANUSHA B T	12
15	1CE22CS017	ARAVIND SHRIMANTH CHAWAN	25
16	1CE22CS019	ARPITHA A	22
17	1CE22CS018	ARPITHA M	23
18	1CE22CS020	ARUNKUMAR D	21
19	1CE22CS021	ASHIK K SHETTY	20
20	1CE22CS022	ASHRITHA S	23
21	1CE22CS023	B PRASANNA	25
22	1CE22CS024	B S AKSHATHA	16
23	1CE22CS025	BALAJI	18
24	1CE22CS026	BANUPRIYA B	19
25	1CE22CS027	BHAGYAJYOTHI	22
26	1CE22CS028	BHAVANI M	23
27	1CE22CS030	CHAITHANYA	15
28	1CE22CS031	CHANDANA P	24
29	1CE22CS032	CHANDANA S	14
30	1CE22CS033	CHANDRESH KUSHAL G R	19
31	1CE22CS034	CHETHAN KUMAR G S	25
32	1CE22CS035	CHINMAYI S	25

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33	1CE22CS036	D U VAMSHI	14
34	1CE22CS037	DARSHAN B	22
35	1CE22CS038	DARSHAN M	23
36	1CE22CS039	DARSHAN T S	24
37	1CE22CS040	DEEKSHITHKUMAR DEVARAJ NAIK	21
38	1CE22CS041	DHANALAKSHMI K	22
39	1CE22CS042	DHANUSH S	16
40	1CE22CS045	DURGESH K	18
41	1CE22CS046	G KAVYA	23
42	1CE22CS047	GANESH G K	19
43	1CE22CS048	GAVISIDDAPPA	16
44	1CE22CS049	GOKULALAKSHMI M	21
45	1CE22CS051	H V SHANKAR	18
46	1CE22CS053	HANAMANTH BANGARGI	21
47	1CE22CS054	HARINI V	16
48	1CE22CS056	HARSHAVARDHAN M	15
49	1CE22CS057	HARSHITH S	18
50	1CE22CS058	HEMALATHA	25
51	1CE22CS061	HEMANTH L	22
52	1CE22CS062	HEMANTH RAJU N A	21
53	1CE22CS063	HITHASHREE D M	19
54	1CE22CS070	K S BHAVANA	15
55	1CE22CS073	KAVYA V	14
56	1CE22CS101	MYTHREYI K N	16
57	1CE22CS137	SANDEEP GOWDA M E	12
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60	1CE23CS406	MONICA .S	23
61	1CE23CS410	PAVAN KALYAN S	21
62	1CE23CS412	SHAHID AFNAN KHAN	20
63	1CE23CS415	YASHWANTH KUMAR D	23
64	1CE22CS029	BHUVANA N	25
65	1CE22CS043	DHARSHANA MURTHY S	16
66	1CE22CS044	DINESH KUMAR M	18
67	1CE22CS065	IQHRA	19
68	1CE22CS066	JEEVAN	22
69	1CE22CS067	JEEVAN GOWDA B L	23
70	1CE22CS068	JENIT SAMUEL	15
71	1CE22CS069	JOHN M	24
72	1CE22CS071	K V GAYATHRI	14

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73	1CE22CS072	KARTHIK GOWDA V A	19
74	1CE22CS074	KEERTHANA A	25
75	1CE22CS075	KEERTHI R K	25
76	1CE22CS076	KEERTHI RAJU M T	21
77	1CE22CS077	KIRAN KUMAR R	18
78	1CE22CS078	KOMAL KUMARI	21
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83	1CE22CS083	LOKESH B S	22
84	1CE22CS084	LOKESHA H	21
85	1CE22CS085	M S SHIVA KARTHIK	19
86	1CE22CS086	MADHUMITHA K	15
87	1CE22CS087	MAMATHA G A	14
88	1CE22CS088	MAMATHA R	16
89	1CE22CS089	MANASA P	12
90	1CE22CS090	MANOJ S	25
91	1CE22CS091	MARTHYASHREE H R	22
92	1CE22CS092	MATLAMADUGU CHANDANA	23
93	1CE22CS093	MAYUR BASAVARAJ HOTKAR	21
94	1CE22CS094	MD SOHAIL AHMED	20
95	1CE22CS096	MOHAMMED KAIF	23
96	1CE22CS097	MOHAMMED RAIYAN A	25
97	1CE22CS099	MURALI M V	16
98	1CE22CS100	MUSKAAN IZHAR BAIG	18
99	1CE22CS102	MYTHRI G	19
100	1CE22CS103	NAMRATHA S S	22
101	1CE22CS104	NANDINI R	23
102	1CE22CS105	NANDITHA N	15
103	1CE22CS106	NARESH KUMAR B	24
104	1CE22CS107	NAVEEN	14
105	1CE22CS109	NIHAL ADITHYA	19
106	1CE22CS110	NIKHIL	25
107	1CE22CS111	NIKHILKUMAR P	25
108	1CE22CS112	NITHYA SHREE U	14
138	1CE22CS140	SHASHANK R	19

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139	1CE22CS141	SHEKHAR C M	25
140	1CE22CS142	SHISHER J	25
141	1CE22CS143	SHREYA KRUPESH	21
142	1CE22CS144	SHREYAS N GAIKWAD	18
143	1CE22CS145	SHRINIVAS	21
144	1CE22CS146	SIDDESH M B	16
145	1CE22CS147	SINCHANA K C	15
146	1CE22CS148	SNEHA M	14
147	1CE22CS149	SONAL RAHUL JOSHI	19
148	1CE22CS150	SONAL SINGH M	25
149	1CE22CS151	SOWMYA M	25
150	1CE22CS153	SRUSTI V	21
151	1CE22CS154	SUCHITRA M B	18
152	1CE22CS155	SUDEEP B	21
153	1CE22CS156	P SUJITH	16
154	1CE22CS157	SUNIL R K	15
155	1CE22CS158	SUPRITH KUMAR B L	14
156	1CE22CS159	SUPRIYA M M	19
157	1CE22CS160	SURAJIT BURAGOHAIN	25
158	1CE22CS162	SWATHI M	25
159	1CE22CS163	SWATHI R	21
160	1CE22CS164	SYED ABDUL AAQUIB	18
161	1CE22CS165	TAHSEEN RAZA	21
162	1CE22CS167	THANMAY J	16
163	1CE22CS168	THEJASHWINI R	15
164	1CE22CS169	UZMA AZEEZ	19
165	1CE22CS170	V SUDEEP	25
166	1CE22CS171	VARALAKSHMI P	25
167	1CE22CS172	VARSHA S	21
168	1CE22CS173	VEERAPPA SIDDALINGAPPA BULLA	18
169	1CE22CS175	VINOD	21
170	1CE22CS177	VISHAL R	16
171	1CE22CS178	VIVEK R	15
172	1CE22CS179	VIVIAN STUART CARDEIRO	14
173	1CE22CS180	YAMINI R	19
174	1CE22CS181	YARAPPA NIRANJAN	25
175	1CE22CS182	YASHAS C GOWDA	25
176	1CE22CS183	YASHASWINI SAJJANSHETTAR	21

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177	1CE22CS184	YASHAVANT NINGAPPA BANNUR	18
178	1CE22CS185	YASHWANTH T S	21
179	1CE22CS186	G SUHAS RAJ	16
180	1CE23CS401	JAYANTH N	15
181	1CE23CS402	KEERTHANA B	14
182	1CE23CS403	KEERTHANA H D	19
183	1CE23CS404	LALTHESH G HRISHIKESH	25
184	1CE23CS405	MANOJ RUGVEDI M S	16
185	1CE23CS407	NAFISABANU M ANNIGERI	19
186	1CE23CS408	NANDAN M	21
187	1CE23CS409	NIKITA KUMARI	22
188	1CE23CS413	SUDEEPA U	24
189	1CE23CS414	VIKAS GOWDA D	25
190	1CE23CS411	SANKET YELMAMDI	19

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

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Department of Computer Science and Engineering

**Academic Year: 2023-2024**   **Date: 6/5/2024 to 11/5/2024**

Value Added Course on Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills

Student Feedback Analysis

Sample Feedback

Timestamp	Name of the Participant	Did the speaker cover all the aspects of the topic	Did the speaker utilize visual aids or props to support their verbal communication	Did the speaker adapt their communication style to suit the audience's needs and expectations	Did the speaker use pacing and timing to keep the audience engaged and ensure comprehension	Give overall rating
05-11-202416:30:19	ARAVIND	Agree	Neutral	Agree	Agree	Good
05-11-202416:30:36	ARPITHA A	Agree	Agree	Agree	Agree	Excellent
05-11-202416:31:07	ARPITHA M	Agree	Neutral	Neutral	Agree	Good
05-11-202416:31:08	ARAVIND SHRIMANTH CHAWAN	Neutral	Agree	Neutral	Agree	Good
05-11-202416:31:09	IQHRA	Agree	Agree	Agree	Agree	Good
05-11-202416:31:10	JEEVAN	Agree	Agree	Agree	Neutral	Excellent
05-11-202416:31:12	JEEVAN GOWDA B L	Neutral	Neutral	Agree	Agree	Good
05-11-202416:32:07	HAMSA C	Neutral	Neutral	Agree	Agree	Excellent
05-11-202416:32:08	ILAHI RUB	Agree	Agree	Agree	Neutral	Good
05-11-202416:32:10	NEHASHREE N	Agree	Agree	Neutral	Neutral	Good
05-11-202416:32:30	RAMYASHREE C	Agree	Agree	Agree	Agree	Good
05-11-202416:32:34	SUDEEP B	Agree	Agree	Agree	Agree	Excellent
05-11-202416:32:36	P SUJITH	Agree	Agree	Neutral	Agree	Good
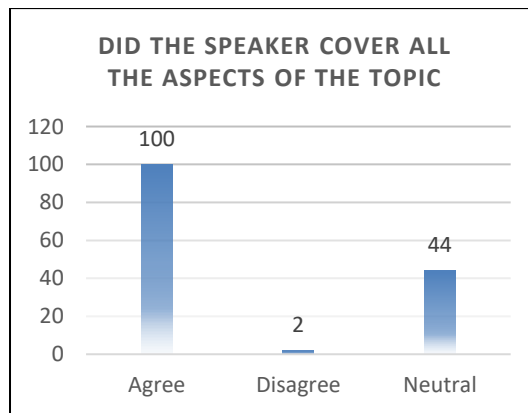
DID THE SPEAKER COVER ALL THE ASPECTS OF THE TOPIC

Agree: 100, Disagree: 2, Neutral: 44

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DID THE SPEAKER UTILIZE VISUAL AIDS OR PROPS TO SUPPORT THEIR VERBAL COMMUNICATION

Agree: 96
Disagree: 1
Neutral: 49

COUNT OF COURSE ENHANCED MY SKILLS

Agree: 106
Disagree: 1
Neutral: 39

DID THE SPEAKER ADAPT THEIR COMMUNICATION STYLE TO SUIT THE AUDIENCE'S NEEDS AND EXPECTATIONS

Agree: 108
Disagree: 4
Neutral: 34

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GIVE OVERALL RATING
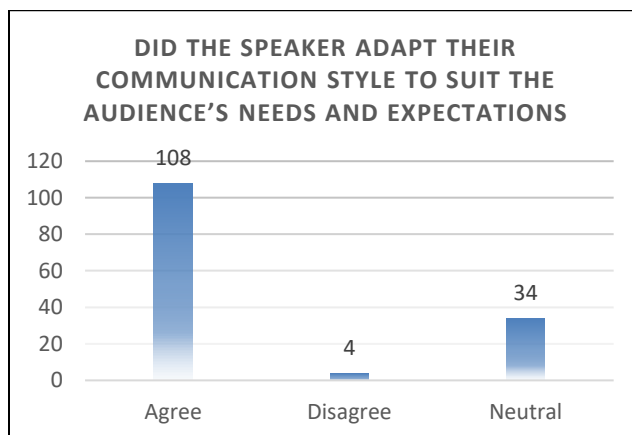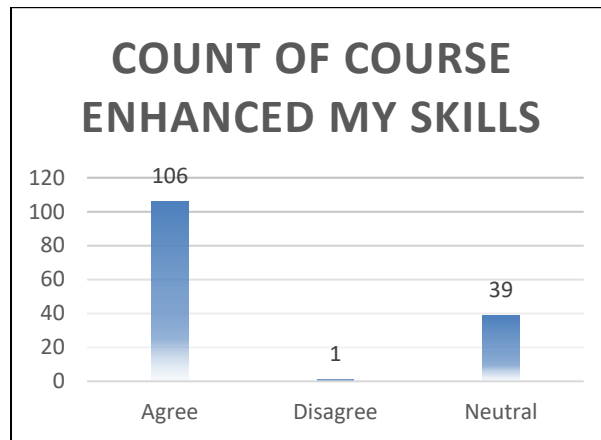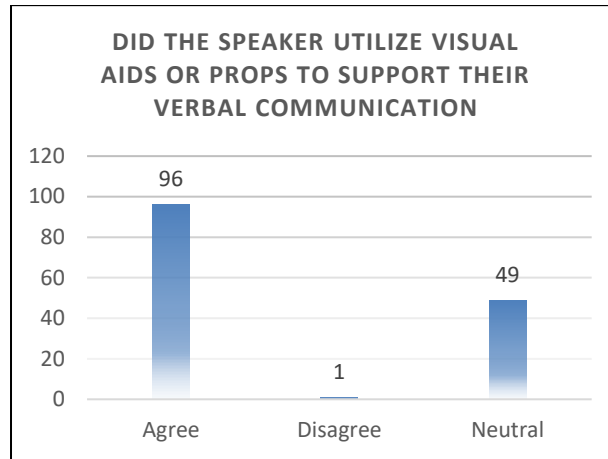
FIG 1: FEEDBACK ANALYSIS

Course Outcomes:
1. Broadened Vocabulary: Use an expanded vocabulary effectively in both written and verbal communication.
2. Grammatical Proficiency: Demonstrate accurate use of grammar in various forms of communication.
3. Advanced Reading Comprehension: Comprehend and interpret complex texts with greater efficiency and accuracy.
4. Enhanced Logical Reasoning: Solve logical problems and puzzles with improved accuracy and speed.
5. Improved Spatial and Data Skills: Visualize spatial relationships and interpret data from graphs and charts accurately.

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE

A five-day Value-Added Course on **Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills** was organized by the Department of Computer Science and Engineering from 6th to 11th May 2024 for Computer Science and Engineering students in the seminar hall by **Mr. Prudhvi Raj, Freelance aptitude and soft skills trainer.**

The event began with a formal inaugural function. **Dr. S Karunakara, Principal CEC, Dr. Narayanaswamy, Vice Principal and HOD of CSE** were present during the inauguration. The program began by seeking the blessings of Almighty with invocation and lighting of lamp. Principal advised the students to utilize the benefits of the course completely. **Dr. Sowmya Naik** welcomed the resource person and gave a course overview. Later the session was handed over to the speaker.

FIG 2: COURSE INTRODUCTION BY SPEAKER

On the first day, the course commenced with an introduction to its objectives, structure, and the significance of mastering verbal and non-verbal skills. Participants engaged in discussions to understand the expectations and benefits of the course. Following this, a comprehensive self-

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assessment was conducted to gauge participants' current skill levels, utilizing diagnostic tests and goal-setting exercises to establish personalized learning targets.

Day 2:

The focus on Day 2 was on enhancing participants' vocabulary and grammar skills. Effective strategies for expanding vocabulary were introduced, including mnemonic techniques and contextual learning. Practical exercises such as creating flashcards and applying newly learned words in sentences reinforced these strategies.

Day 3:

Day 3 cantered on developing active reading and critical thinking abilities. Participants were guided through techniques for skimming, scanning, and summarizing texts to enhance reading comprehension. They tackled various types of texts, analyzing content critically and answering comprehension questions to deepen their understanding. The session also included exercises in argument analysis and debate simulations, fostering participants' ability to evaluate evidence and construct logical arguments.

FIG 3: STUDENTS SOLVING PUZZLE

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Day 4:

The fourth day focused on honing logical reasoning and spatial awareness skills. Participants engaged in challenging logic puzzles and exercises designed to identify patterns and relationships. This was complemented by activities aimed at improving spatial visualization and manipulation, including 3D modeling tasks and geometric puzzles. These sessions aimed to strengthen participants' problem-solving capabilities and spatial reasoning abilities.

Day 5:

On the final day, the emphasis was on data interpretation and practical application of acquired skills. Participants learned to interpret and analyze data from graphs and charts, applying statistical concepts such as mean and median. Practical exercises and real-world applications provided opportunities for participants to integrate their verbal and non-verbal skills. The day concluded with mock tests simulating real-world assessments, providing valuable feedback and preparing participants for future challenges.

Throughout the intensive 5-day course, participants engaged in a structured and rigorous curriculum that effectively enhanced their verbal and non-verbal aptitude skills. By combining theoretical learning with practical application, the course equipped participants with essential skills for academic success, professional development, and standardized test preparation.

Mrs. Vibhavi R N
Coordinator

Dr. Sowmya Naik P T
HOD

Dr. S Karunakara
PRINCIPAL

CITY ENGINEERING COLLEGE

DODDAKALLASANDRA, BANGALORE 560062

CERTIFICATE

OF PARTICIPATION

This certificate is proudly awarded to

HARSHATH K C

Head of Department

Principal

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CITY ENGINEERING COLLEGE

DODDAKALLASANDRA, BANGALORE 560062

CERTIFICATE

OF PARTICIPATION

This certificate is proudly awarded to

MAYUR BASAVARAJ HOTKAR

From the Department of **Computer Science and Engineering** for particiaption in the course on "Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills "under Value Added course during 6th to 10 th May 2024

Head of Department

Principal

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CERTIFICATE

OF PARTICIPATION

This certificate is proudly awarded to

PUSHPALATHA GT

From the Department of **Computer Science and Engineering** for particiaption in the course on "Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills "under Value Added course during 6th to 10 th May 2024

_____
Head of Department

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Principal

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OF PARTICIPATION

This certificate is proudly awarded to

VIKAS GOWDA D

From the Department of **Computer Science and Engineering** for particiaption in the course on "Elite Aptitude Enhancement: Mastering Verbal and Non-Verbal Skills "under Value Added course during 6th to 10 th May 2024

Head of Department

Principal

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Department of Computer Science and Engineering

Academic Year 2023-2024

Add – on Course

"INNOVATIVE IOT DESIGN"

26/2/2024 to 1/3/2024

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Date: 21/02/2024

To

     The Principal
     City Engineering College
     Bangalore

     Sub: Regarding permission to conduct an Add-on Course on Innovative IoT Design

Respected Sir,

     We would like to conduct an Add-on course on "**Innovative IoT Design**" for final year students from 26/02/2024 to 1/3/2024. The course on IoT Innovative Designs equips students with cutting-edge skills to design and develop Internet of Things (IoT) solutions. Through hands-on projects and real-world case studies, participants learn to integrate hardware and software components seamlessly. By staying current with industry trends, students gain insights into the latest advancements and applications of IoT technology. So, I request you to permit us to conduct this course. Kindly do the needful.

                                          Yours Sincerely

Dr. Sowmya Naik P T
HOD
Department of CSE

CHIEF PATRON

**Dr. K R Paramahamsa,
Chairman,
AMC-City - Brooklyn Group of institution**

PATRONS

**Dr. S Karunakara,
Principal,CEC**

**Dr. Narayanaswamy Ramaiah,
Vice Principal , CEC**

CONVENER

**Dr. Sowmya Naik PT,
HOD CSE & Executive Officer**

COORDINATORS

**Mr. G A Girish,
Assistant Professor,
Department of CSE**

**Mrs. Shruthi B S,
Assistant Professor,
Department of CSE**

ABOUT COLLEGE

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.

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**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**

Add On Course
On

Innovative
IoT Design

26/2/2024- 1/3/2024

Resource Person

**Dr. Sreenivasa Shetty,
Professor, Dept. of CSE,AMCEC**

CONTACT DETAILS

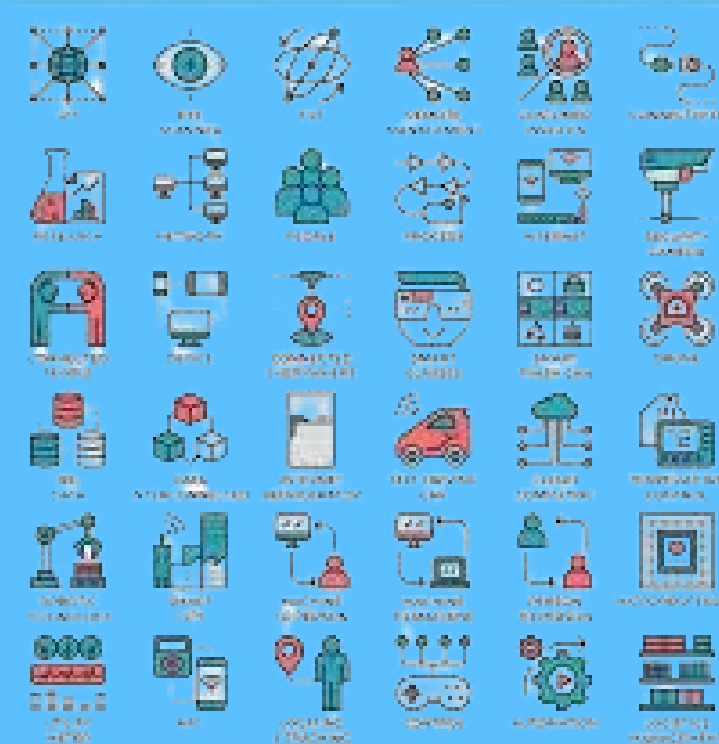**Mrs. Shruthi B S, Asst.Prof, CSE
PH: 9986639739**

About The Department

The Department of Computer Science & Engineering was started in the year 2001 is known for imparting Quality education and carrying out cutting edge research. In addition to the UG program, PG CSE program and Research facilities for Ph.D. The department offers undergraduate program and has a comprehensive curriculum on topics related to software and hardware with an emphasis on theoretical and practical learning. It has well equipped, state of the art laboratories supported by highspeed Internet and wireless networks.

About the Course

The "Advanced Entrepreneurship Skills" course is a meticulously designed value-added program aimed at bridging the significant gap between industry requirements and academic curricula. Tailored specifically for final year students, this course provides a robust foundation in entrepreneurial skills that are essential for the modern business landscape. By focusing on the development of innovative thinking, strategic planning, and effective problem-solving abilities, this program ensures that students are well-prepared to navigate the complexities of launching and managing successful ventures.

Course Outcomes

- Understanding IoT architecture .
- Applying design thinking principles for user-centric IoT solutions.
- Hands-on experience .
- Integration of IoT devices with cloud services, APIs, and web/mobile applications.
- Advanced IoT topics like edge computing, AI, and machine learning.

About Resource Person

Dr. Srinivasa Shetty is a Professor in the Department of Computer Science and Engineering at AMC Engineering College (AMCEC). He holds a Ph.D. and M.Tech in Computer Science and Engineering, and a B.E. in the same field. His research focuses on artificial intelligence, machine learning, data mining, big data analytics, computer networks, security, software engineering, and the Internet of Things (IoT).

He teaches courses on algorithms, operating systems, databases, networks, machine learning, and IoT. Dr. Shetty has held academic positions ranging from Assistant to Associate Professor before his current role. He has published numerous papers in reputed journals and conferences, and is a member of IEEE and ACM. His work has earned him several awards and he actively participate in professional service roles, such as journal reviewing and conference organizing. Outside of his professional commitments, he enjoys reading about emerging technologies and mentoring students.

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Department of Computer Science and Engineering

Ref. No: CEC/CSE/C1/1.2.1/ACY2023-24/OR/04   Date: 23/2/2024

CIRCULAR

Sub: Conducting a Add on Course on Innovative IoT Design

This is to inform all the concerned that a 5-day Add on Course on Innovative IoT Design by Dr. Srinivasa Setty, Professor, Department of CSE, AMCEC, has been organized from 26/2/2024 to 1/3/2024 for final year students. All the students have to participate compulsorily for the same. Attendance will be viewed strictly. All the students are hereby instructed to attend the session and get the maximum benefits.

Dr. Sowmya Naik P T
HOD
Department of CSE

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Department of Computer Science and Engineering

Add On Course "Innovative IoT Design"

Date: 26/2/2024 to 1/3/2024.

Schedule

Date	Session 1 (9.15 -11.15)	Session 2 (11:30-1:30)	Session 3 (2:00 -4:00)
26/2/2024	Overview of IoT: Definition, History, and Importance	IoT Architecture: Sensors, Connectivity, Data Processing, and Applications	Current Trends and Future Prospects; Case Studies of Successful IoT Implementations
27/2/2024	Introduction to Design Thinking: Principles and Process	Empathy: Understanding User Needs and Challenges	Ideation Techniques: Brainstorming, Mind Mapping, and Sketching; Prototyping and Testing: Creating Low-Fidelity Prototypes
28/2/2024	Sensors and Actuators: Types and Applications	Microcontrollers and Development Boards (Arduino, Raspberry Pi, etc.)	Connectivity Modules: Wi-Fi, Bluetooth, Zigbee, LoRa, etc.; Power Management for IoT Devices
29/2/2024	Setting Up Development Environments; Connecting and Configuring Sensors and Actuators	Building Simple IoT Projects; Troubleshooting Common Issues in IoT Prototyping	Introduction to IoT Programming Languages (Python, C, C++); Overview of IoT Platforms and Frameworks (Node-RED, ThingSpeak, etc.)
1/3/2024	Cloud Services for IoT: AWS IoT, Azure IoT, Google Cloud IoT	APIs and Web Services for IoT; Interfacing IoT Devices with Mobile and Web Applications	Case Study: Integrating IoT Solutions into Existing Systems; Edge Computing and Its Role in IoT

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADD ON COURSE SYLLABUS

Course Name: Innovative IoT Design   **Duration: 30 hours**

Course Objectives:

1. To provide participants with a foundational understanding of IoT, including its definition, history, architecture, and current trends.
2. To teach participants the principles and process of design thinking, enabling them to create innovative and user-focused IoT solutions.
3. To offer hands-on training with various IoT hardware components and software platforms, equipping participants with the skills to develop and prototype IoT projects.
4. To educate participants on integrating IoT devices with cloud services and applications, ensuring seamless operation and communication within IoT ecosystems.
5. To introduce participants to advanced IoT topics like edge computing, AI, and machine learning, and demonstrate their application in creating sophisticated IoT solutions.

	Topic
Module 1	Overview of IoT: Definition, History, and Importance; IoT Architecture: Sensors, Connectivity, Data Processing, and Applications; Current Trends and Future Prospects; Case Studies of Successful IoT Implementations Introduction to Design Thinking: Principles and Process; Empathy: Understanding User Needs and Challenges; Ideation Techniques: Brainstorming, Mind Mapping, and Sketching; Prototyping and Testing: Creating Low-Fidelity Prototypes
Module 2	Sensors and Actuators: Types and Applications; Microcontrollers and Development Boards (Arduino, Raspberry Pi, etc.); Connectivity Modules: Wi-Fi, Bluetooth, Zigbee, LoRa, etc.; Power Management for IoT Devices Setting Up Development Environments; Connecting and Configuring Sensors and Actuators; Building Simple IoT Projects; Troubleshooting Common Issues in IoT Prototyping

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Module 3	Introduction to IoT Programming Languages (Python, C, C++); Overview of IoT Platforms and Frameworks (Node-RED, ThingSpeak, etc.); Data Collection, Storage, and Analysis; Security and Privacy in IoT
	Cloud Services for IoT: AWS IoT, Azure IoT, Google Cloud IoT; APIs and Web Services for IoT; Interfacing IoT Devices with Mobile and Web Applications; Case Study: Integrating IoT Solutions into Existing Systems
Module 4	Edge Computing and Its Role in IoT; AI and Machine Learning in IoT Applications; IoT Analytics and Visualization Tools; IoT in Industry 4.0 and Smart Cities
	Defining Project Goals and Objectives; Team Formation and Role Assignment; Project Planning and Milestones; Initial Design and Development
Module 5	Continued Development and Testing; Troubleshooting and Optimization; Preparing Presentation and Demonstration
	Final Project Presentations; Peer and Instructor Feedback; Discussion on Future Steps and Learning Paths; Course Wrap-Up and Q&A

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

HOD

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Department of Computer Science and Engineering

Add-on Course "Innovative IoT Designs"

Resource Person Profile

Dr. Srinivasa Setty is a Professor in the Department of Computer Science and Engineering at AMC Engineering College (AMCEC). He holds a Ph.D. and M.Tech in Computer Science and Engineering, and a B.E. in the same field. His research focuses on artificial intelligence, machine learning, data mining, big data analytics, computer networks, security, software engineering, and the Internet of Things (IoT).

He teaches courses on algorithms, operating systems, databases, networks, machine learning, and IoT. Dr. Setty has held academic positions ranging from Assistant to Associate Professor before his current role. He has published numerous papers in reputed journals and conferences, and is a member of IEEE and ACM. His work has earned him several awards and he actively participate in professional service roles, such as journal reviewing and conference organizing. Outside of his professional commitments, he enjoys reading about emerging technologies and mentoring students.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Add On Course on Innovative IoT Design
List of Students Enrolled

SLNO	USN	Name	SLNO	USN	Name
1	1CE19CS036	IMRAN KHAN N	28	1CE20CS030	DIVYASHREE S
2	1CE20CS001	ABHAY	29	1CE20CS031	DR MOHAN KUMAR
3	1CE20CS002	ABHINAV KUMAR SINGH	30	1CE20CS032	FOUZIA I
4	1CE20CS003	ABHISHEK VATS	31	1CE20CS033	GANESH
5	1CE20CS004	ADARSH MISHRA S	32	1CE20CS034	GIRIJA NARAYAN HEGDE
6	1CE20CS005	ADITHI B	33	1CE20CS035	GOWTHAM S V
7	1CE20CS006	AFNAN AHMED	34	1CE20CS036	HALEEMA SULTANA
8	1CE20CS007	AISHWARYA	35	1CE20CS037	IRAM SHAIKH
9	1CE20CS008	AJAY ANUPAM	36	1CE20CS038	JUDAH A
10	1CE20CS009	AMIR ANJUM	37	1CE20CS039	JYOTHI JR SAHANI
11	1CE20CS010	AMULYA Y R	38	1CE20CS040	K G DHANYA JOGI
12	1CE20CS011	ANAND M	39	1CE20CS041	KASIBA AFFRIEN
13	1CE20CS012	ANANYA B C	40	1CE20CS042	KAUSHIK M R
14	1CE20CS013	ANANYA BHAGAVAN	41	1CE20CS043	KEERTHANA L
15	1CE20CS014	ANURADHA SHARMA	42	1CE20CS044	KRUPASHREE G
16	1CE20CS015	ANUSHREE B S	43	1CE20CS045	KUMARASW AMY P
17	1CE20CS016	ARAVIND V	44	1CE20CS046	LIKITHA R
18	1CE20CS017	ASTHA	45	1CE20CS047	M R ADHITHI
19	1CE20CS018	B DHANALAKSHMI BAI	46	1CE20CS048	MANASA P
20	1CE20CS019	BENITTA HATHSIYAL X	47	1CE20CS049	MOHAMMED MOIN KADRI
21	1CE20CS021	BHARGAVI N PRAKASH	48	1CE20CS050	MOHAMMED TAUHEED PASHA
22	1CE20CS024	DANIYA KHANUM	49	1CE20CS051	MONIKA G
23	1CE20CS025	DEEKSHA R GOWDA	50	1CE20CS052	N ARSHIYA ALMAS
24	1CE20CS026	DEEPAK KUMAR R	51	1CE20CS053	NAMRATA PALAKI
25	1CE20CS027	DEEPASHREE N	52	1CE20CS054	NAVEEN KV
26	1CE20CS028	DEEPTHI S	53	1CE20CS055	NIMMI SAGAR
27	1CE20CS029	DHANUSH KUMAR D	54	1CE20CS056	OMKAR KUNDANGAR

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SLNO	USN	Name	SLNO	USN	Name
55	1CE20CS057	POOJA S	72	1CE20CS076	SYED HOUZAIFA
56	1CE20CS058	PRANAM K R	73	1CE20CS077	SYED NAWAZ
57	1CE20CS059	PULKIT YADAV	74	1CE20CS078	TARIQ ANJUM
58	1CE20CS060	PUSHKAR	75	1CE20CS079	TARUN V
59	1CE20CS061	R A RAAJESH	76	1CE20CS080	TEJAS B R
60	1CE20CS062	RAVI KUMAR	77	1CE20CS081	TEJAS J KUMAR
61	1CE20CS063	RAVIPRAKASHA	78	1CE20CS082	UMME HANI M A
62	1CE20CS065	SAMANA R	79	1CE20CS083	V MANOJ KUMAR
63	1CE20CS066	SAMIR YOUSUFF KHAN	80	1CE20CS084	VAISHNAVI K
64	1CE20CS068	SHOBA H N	81	1CE20CS085	VENUGOPAL D
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67	1CE20CS071	SPOORTHI M G	84	1CE20CS088	YARUB BABA
68	1CE20CS072	SUBHENDU SAGAR	85	1CE20CS089	YASHASHREE R
69	1CE20CS073	SUBRAMANI M	86	1CE20CS090	YASHASWINI R P
70	1CE20CS074	SULAIMAN KHAN	87	1CE20CS091	SUJAY V
71	1CE20CS075	SWATI SATEESHKUMAR KUDRAGI			

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

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Department of Computer Science and Engineering
Add On Course on Innovative IoT Design
Student Attendance List

SL NO	USN	Name	26-02-2024	27-02-2024	28-02-2024	29-02-2024	01-03-2024
1	1CE19CS036	IMRAN KHAN N					
2	1CE20CS001	ABHAY					
3	1CE20CS002	ABHINAV KUMAR SINGH					
4	1CE20CS003	ABHISHEK VATS					
5	1CE20CS004	ADARSH MISHRA S					
6	1CE20CS005	ADITHI B					
7	1CE20CS006	AFNAN AHMED					
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10	1CE20CS009	AMIR ANJUM					
11	1CE20CS010	AMULYA Y R					
12	1CE20CS011	ANAND M					
13	1CE20CS012	ANANYA B C					
14	1CE20CS013	ANANYA BHAGAVAN					
15	1CE20CS014	ANURADHA SHARMA					
16	1CE20CS015	ANUSHREE B S					
17	1CE20CS016	ARAVIND V					
18	1CE20CS017	ASTHA					
19	1CE20CS018	B DHANALAKSHMI BAI					
20	1CE20CS019	BENITTA HATHSIYAL X					
21	1CE20CS021	BHARGAVI N PRAKASH					
22	1CE20CS024	DANIYA KHANUM					
23	1CE20CS025	DEEKSHA R GOWDA					
24	1CE20CS026	DEEPAK KUMAR R					
25	1CE20CS027	DEEPASHREE N					
26	1CE20CS028	DEEPTHI S					
27	1CE20CS029	DHANUSH KUMAR D					
28	1CE20CS030	DIVYASHREE S					
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30	1CE20CS032	FOUZIA I					
31	1CE20CS033	GANESH					
32	1CE20CS034	GIRIJA NARAYAN HEGDE					
33	1CE20CS035	GOWTHAM S V					
34	1CE20CS036	HALEEMA SULTANA					
35	1CE20CS037	IRAM SHAIKH					
36	1CE20CS038	JUDAH A					
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38	1CE20CS040	K G DHANYA JOGI					
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45	1CE20CS047	M R ADHITHI					
46	1CE20CS048	MANASA P					
47	1CE20CS049	MOHAMMED MOIN KADRI					
48	1CE20CS050	MOHAMMED TAUHEED PASHA					
49	1CE20CS051	MONIKA G					

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50	1CE20CS052	N ARSHIYA ALMAS	Arshiya	Arshiya	Arshiya	Arshiya	Arshiya
51	1CE20CS053	NAMRATA PALAKI	Nam	Nam	Nam	Nam	Nam
52	1CE20CS054	NAVEEN KV	Naveen	Naveen	Naveen	Naveen	Naveen
53	1CE20CS055	NIMMI SAGAR	nimi	nimi	nimi	nimi	nimi
54	1CE20CS056	OMKAR KUNDANGAR	omka	omka	omka	omka	omka
55	1CE20CS057	POOJA S	Pooja	Pooja	Pooja	Pooja	Pooja
56	1CE20CS058	PRANAM K R	Pranam	Pranam	Pranam	Pranam	Pranam
57	1CE20CS059	PULKIT YADAV	Pul	Pulk	Pulk	Pulk	Pulk
58	1CE20CS060	PUSHKAR	push	push	push	push	push
59	1CE20CS061	R A RAAJESH	rajeesh	rajeesh	rajeesh	rajeesh	rajeesh
60	1CE20CS062	RAVI KUMAR	Ravi	Ravi	Ravi	Ravi	Ravi
61	1CE20CS063	RAVIPRAKASHA	RP	RP	RP	RP	RP
62	1CE20CS065	SAMANA R	Samana	Samana	Samana	Samana	Samana
63	1CE20CS066	SAMIR YOUSUFF KHAN	Samir	Samir	Samir	Samir	Samir
64	1CE20CS068	SHOBA H N	Shoba	Shoba	Shoba	Shoba	Shoba
65	1CE20CS069	SNEHA S	SS	SS	SS	SS	SS
66	1CE20CS070	SONAM VISHWAKRAM					
67	1CE20CS071	SPOORTHI M G	Sp	Sp	Sp	Sp	Sp
68	1CE20CS072	SUBHENDU SAGAR	Shu	Shu	Shu	Shu	Shu
69	1CE20CS073	SUBRAMANI M	SM	SM	SM	SM	SM
70	1CE20CS074	SULAIMAN KHAN	SK	SK	SK	SK	SK
71	1CE20CS075	SWATI SATEESHKUMAR KUDRAGI	Swathi	Swathi	Swathi	Swathi	Swathi
72	1CE20CS076	SYED HOUZAIFA	Syed	Syed	Syed	Syed	Syed
73	1CE20CS077	SYED NAWAZ	Sn	Sn	Sn	Sn	Sn
74	1CE20CS078	TARIQ ANJUM	Tariq	Tariq	Tariq	Tariq	Tariq
75	1CE20CS079	TARUN V	TV	TV	TV	TV	TV
76	1CE20CS080	TEJAS B R	Tejas	Tejas	Tejas	Tejas	Tejas
77	1CE20CS081	TEJAS J KUMAR					
78	1CE20CS082	UMME HANI M A	Unme	Unme	Unme	Unme	Unme
79	1CE20CS083	V MANOJ KUMAR	Mno	Mno	Mno	Mno	Mno
80	1CE20CS084	VAISHNAVI K					
81	1CE20CS085	VENUGOPAL D	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal
82	1CE20CS086	VISHWA V	Vishwa	Vishwa	Vishwa	Vishwa	Vishwa
83	1CE20CS087	VIVEK GAUTAM	vivek	vevek	vivek	vivek	vivek
84	1CE20CS088	YARUB BABA	Yarub	Yarub	Yarub	Yarub	Yarub
85	1CE20CS089	YASHASHREE R	Yashashree	Yashashree	Yashashree	Yashashree	Yashashree
86	1CE20CS090	YASHASWINI R P	YR	YR	YR	YR	YR
87	1CE20CS091	SUJAY V	Sujay	Sujay	Sujay	Sujay	Sujay

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 26/2/2024 to 1/3/2024**

Add On Course on Innovative IoT Design

ASSESMENT QUESTIONS

1. Which of the following is the most crucial step in the IoT design process?
   a) Choosing the right microcontroller
   b) Defining the problem and objectives
   c) Selecting a cloud service provider
   d) Designing the user interface

2. What is the primary purpose of edge computing in IoT?
   a) To replace cloud computing
   b) To store data locally
   c) To reduce latency and bandwidth usage
   d) To increase the cost of IoT devices

3. Which protocol is commonly used for IoT device communication?
   a) HTTP
   b) FTP
   c) MQTT
   d) POP3

4. In an IoT system, sensors are primarily used to:
   a) Process data
   b) Store data
   c) Collect data
   d) Transmit data

5. Which of the following is NOT a characteristic of an innovative IoT design?
   a) Scalability
   b) High energy consumption
   c) Security
   d) Interoperability

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6. What role does data analytics play in IoT systems?
   a) It is used for controlling IoT devices
   b) It helps in analyzing and making sense of the collected data
   c) It is used for wiring IoT sensors
   d) It replaces the need for sensors in IoT

7. Which of the following technologies is often integrated with IoT for enhanced functionality?
   a) Blockchain
   b) Manual data entry
   c) Desktop computers
   d) Traditional telephony

8. What is a primary advantage of using LoRaWAN in IoT systems?
   a) High data rate
   b) Short range
   c) Low power consumption
   d) High power consumption

9. Which aspect of IoT design ensures that devices can communicate and work together seamlessly?
   a) Autonomy
   b) Interoperability
   c) Proprietary systems
   d) Decentralization

10. In the context of IoT, what does "smart" typically refer to?
    a) Devices that require manual intervention
    b) Devices with embedded sensors and connectivity
    c) Devices that consume high power
    d) Devices that are expensive

11. Which programming language is widely used for IoT due to its simplicity and large community support?
    a) Java

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b) Python

c) Ruby

d) Swift

12. Node-RED is best described as:

a) A cloud service for IoT

b) A programming language for IoT

c) A flow-based development tool for visual programming of IoT

d) A hardware platform for IoT

13. ThingSpeak is primarily used for:

a) Real-time operating system

b) IoT data collection, storage, and analysis

c) IoT device manufacturing

d) IoT security

14. What is the primary concern in IoT security?

a) Data redundancy

b) Data privacy and protection

c) Device cost

d) Network speed

15. Which cloud service is specifically designed for IoT?

a) Google Drive

b) AWS IoT

c) Dropbox

d) iCloud

16. Which platform provides IoT services under the Azure brand?

a) Google Cloud

b) IBM Cloud

c) Microsoft

d) Oracle Cloud

17. What is an API's role in IoT?

a) To allow different software systems to communicate with each other

b) To manufacture IoT devices

c) To visualize IoT data

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d) To provide hardware for IoT

18. Which of the following is not typically a feature of an IoT framework?
   a) Device management
   b) Data analytics
   c) Game development
   d) Connectivity protocols

19. What is the primary benefit of edge computing in IoT?
   a) Reduced device cost
   b) Decreased latency and bandwidth usage
   c) Increased power consumption
   d) Larger data storage

20. AI and Machine Learning in IoT applications are primarily used for:
   a) Analyzing and predicting data trends
   b) Data storage
   c) Device manufacturing
   d) Network setup

21. In the context of IoT, what does Industry 4.0 refer to?
   a) The first industrial revolution
   b) The invention of the internet
   c) The fourth industrial revolution characterized by smart and connected systems
   d) A new version of the internet

22. What is a key objective when defining project goals in IoT development?
   a) Maximizing project cost
   b**) Clearly identifying the problem to be solved**
   c) Assigning all tasks to one person
   d) Avoiding milestones

23. During project planning in IoT, why are milestones important?
   a) They increase project cost
   b) They decrease project quality
   c) They help track progress and ensure timely completion
   d) They are optional and rarely needed

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24. What is the purpose of continuous development and testing in IoT projects?
   a) To reduce the number of team members
   b) To identify and fix issues early and ensure quality
   c) To avoid updating the project
   d) To increase project duration

25. What is an important step when preparing a presentation for an IoT project demonstration?
   a) Ensuring the project functions as expected and is well-documented
   b) Ignoring feedback from peers
   c) Avoiding the use of visual aids
   d) Focusing only on the project's failures

Mr. Girish G A   Dr. Sowmya Naik P T

Coordinator   **HOD**

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Department of Computer Science and Engineering
Add On Course on Innovative IoT Design
Assessment Marks

SL NO	USN	Name	Marks
1	1CE19CS036	IMRAN KHAN N	18
2	1CE20CS001	ABHAY	21
3	1CE20CS002	ABHINAV KUMAR SINGH	16
4	1CE20CS003	ABHISHEK VATS	15
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7	1CE20CS006	AFNAN AHMED	22
8	1CE20CS007	AISHWARYA	21
9	1CE20CS008	AJAY ANUPAM	19
10	1CE20CS009	AMIR ANJUM	15
11	1CE20CS010	AMULYA Y R	14
12	1CE20CS011	ANAND M	16
13	1CE20CS012	ANANYA B C	12
14	1CE20CS013	ANANYA BHAGAVAN	25
15	1CE20CS014	ANURADHA SHARMA	22
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17	1CE20CS016	ARAVIND V	21
18	1CE20CS017	ASTHA	20
19	1CE20CS018	B DHANALAKSHMI BAI	23
20	1CE20CS019	BENITTA HATHSIYAL X	25
21	1CE20CS021	BHARGAVI N PRAKASH	16
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25	1CE20CS027	DEEPASHREE N	23
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71	1CE20CS075	SWATI SATEESHKUMAR KUDRAGI	21
72	1CE20CS076	SYED HOUZAIFA	14

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Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

HOD

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 26/2/2024 to 1/3/2024**

Add On Course on Innovative IoT Design

<u>Participant Feedback Form</u>

Feedback on Innovative IoT Designs
26-02-2024 to 01-03-2024

* Indicates required question

1. Name of the Participant *

   _____

2. Course objectives were clearly defined and met *

   Mark only one oval.

   ( ) Agree

   ( ) Neutral

   ( ) Disagree

3. The Course content was well organized *
   Mark only one oval.

   ( ) Agree

   ( ) Neutral

   ( ) Disagree

4. The course content relevant and up-to-date *
   Mark only one oval.

   ( ) Agree

   ( ) Disagree

   ( ) Neutral

5. Sessions were engaging and interactive *
   Mark only one oval.

   ( ) Agree

   ( ) Disagree

   ( ) Neutral

6. Rate the overall quality of the course content *
   Mark only one oval.

   ( ) Excellent

   ( ) Good

   ( ) Average

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Sample Feedback

Timestamp	Name of the Participant	Course objectives were clearly defined and met	The Course content was well organized	The course content relevant and up-to-date	Sessions were engaging and interactive	Rate the overall quality of the course content
03-01-202416:30:19	Manasa P	Agree	Neutral	Agree	Agree	Good
03-01-202416:30:36	M R Adithi	Agree	Agree	Agree	Agree	Excellent
03-01-202416:31:07	Pushkar	Agree	Neutral	Neutral	Agree	Good
03-01-202416:31:08	Astha	Neutral	Agree	Neutral	Agree	Good
03-01-202416:31:09	Anand M	Agree	Agree	Agree	Agree	Good
03-01-202416:31:10	Tariq Anjum	Agree	Agree	Agree	Neutral	Excellent
03-01-202416:31:12	Sameer Yusuf Khan	Neutral	Neutral	Agree	Agree	Good
03-01-202416:32:07	Deepthi S	Neutral	Neutral	Agree	Agree	Excellent
03-01-202416:32:08	DR MOHAN KUMAR	Agree	Agree	Agree	Neutral	Good
03-01-202416:32:10	FOUZIA I	Agree	Agree	Neutral	Neutral	Good
03-01-202416:32:30	LIKITHA R	Agree	Agree	Agree	Agree	Good
03-01-202416:32:34	Aravind V	Agree	Agree	Agree	Agree	Excellent
03-01-202416:32:36	Ananya B C	Agree	Agree	Neutral	Agree	Good

Feedback responses

Total Responses: 87

Sl.No	Feedback Questions	1 (Agree)	2 (Neutral)	3 (Disagree)
1	Course objectives were clearly defined and met	68	19	-
2	The Course content was well organized	71	15	1
3	The course content relevant and up-to-date	77	10	-
4	Sessions were engaging and interactive	70	17	-
5	Rate the overall quality of the course content	76	11	-

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Student Feedback Analysis on Add-on course "Innovative IoT Designs"
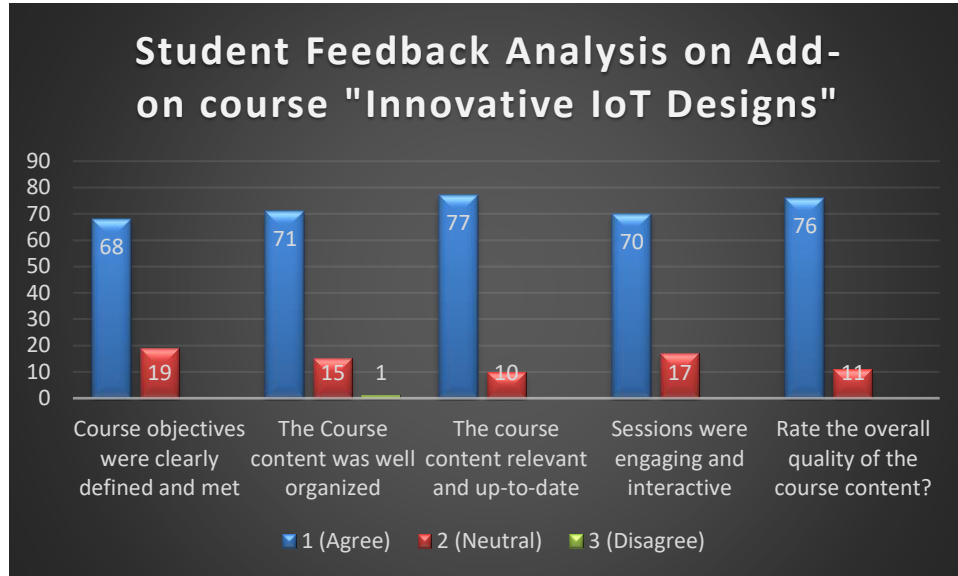
FIG 1: STUDENT FEEDBACK ANALYSIS

Outcomes

Participants were able to

- Gain a thorough understanding of IoT architecture, including sensors, connectivity, data processing, and applications.
- To apply design thinking principles to develop user-centric IoT solutions, focusing on empathy, ideation, prototyping, and testing.
- Acquire hands-on experience with IoT hardware (sensors, actuators, microcontrollers) and software (programming languages, IoT platforms), enabling them to build and troubleshoot IoT projects.
- Learn to integrate IoT devices with cloud services, APIs, and web/mobile applications, ensuring interoperability and scalability of IoT solutions

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADD ON COURSE

A five-day Add on Course on **Innovative IoT Design** was organised by the Department of Computer Science and Engineering from 26/2/2024 to 1/3/2024 for Computer Science and Engineering students in the project lab by Dr. Srinivasa Shetty, Professor, Department of CSE, AMCEC.

Day 1: Introduction to IoT and Design Thinking

On the first day, participants were introduced to the fundamental concepts of IoT, including its definition, history, architecture, and current trends. They explored case studies of successful IoT implementations to understand s real-world applications. In the afternoon, the focus shifted to design thinking. Participants learned about the principles and process of design thinking, emphasizing empathy to understand user needs and challenges. They engaged in ideation techniques such as brainstorming and mind mapping and created low-fidelity prototypes to test their ideas.
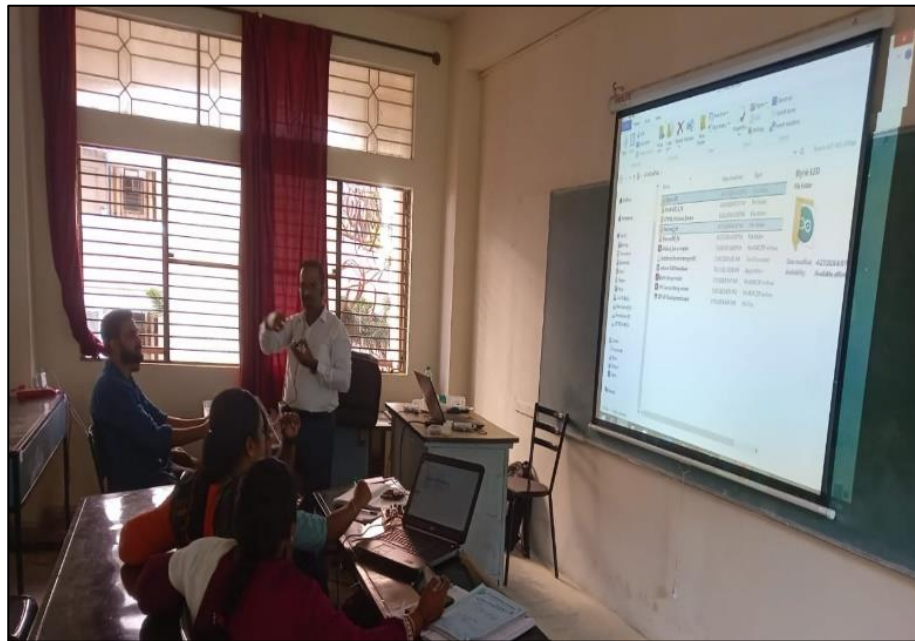

FIG 2: DR. SRINIVASA SETTY ADDRESSING STUDENTS

Day 2: IoT Hardware and Prototyping

The second day covered IoT hardware components, including various sensors, actuators, microcontrollers, and connectivity modules like Wi-Fi, Bluetooth, and Zigbee. Participants

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gained hands-on experience by setting up development environments, connecting and configuring sensors and actuators, and building simple IoT projects. They also learned to troubleshoot common issues encountered during IoT prototyping.

Day 3: IoT Software Development and Integration

On the third day, the course focused on software development for IoT. Participants were introduced to IoT programming languages such as Python, C, and C++, and platforms like Node-RED and ThingSpeak. They learned about data collection, storage, analysis, and the importance of security and privacy in IoT. The afternoon session covered integration and interoperability, exploring cloud services like AWS IoT, Azure IoT, and Google Cloud IoT. Participants also learned about APIs and web services and examined a case study on integrating IoT solutions into existing systems.

Day 4: Advanced IoT Topics and Project Work

The fourth day began with advanced IoT topics, including edge computing, AI, machine learning in IoT applications, and IoT analytics and visualization tools. The participants also discussed IoT in Industry 4.0 and smart cities. In the afternoon, the focus was on project work and team collaboration. Participants defined their project goals and objectives, formed teams, assigned roles, planned milestones, and began the initial design and development of their projects.

Day 5: Final Project Presentations and Feedback

On the final day, participants continued developing and refining their projects in the morning. They focused on troubleshooting, optimizing their projects, and preparing for the final presentation. In the afternoon, participants presented their final projects, received peer and instructor feedback, and discussed future steps and learning paths. The course concluded with a wrap-up session and a Q&A.

By the end of the course, participants had gained a solid understanding of IoT systems' core components and architecture. They applied design thinking principles to create user-centric solutions, developed and prototyped IoT hardware and software, and integrated IoT devices with cloud services and mobile applications. They also implemented advanced concepts such as edge computing and AI and collaborated effectively on IoT projects, culminating in presenting their innovative solutions.

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FIG 3: HONOURING THE RESOURCE PERSON

Mr. Girish G A

Coordinator

Dr. Sowmya Naik P T

HOD

Dr. S Karunakara

Principal

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DODDAKALLASANDRA, BANGALORE 560062

CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

Astha

From the Department of **Computer Science and Engineering** for participation in the course on " Innovative IoT Design " Add On course from 26th Feb to 1st March 2024

Head of Department

Principal

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Venu Gopal D

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Head of Department

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Head of Department

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GIRIJA NARAYAN HEGDE

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Department of Artificial Intelligence and Machine Learning

Academic Year 2023 – 2024

<div>

Value added course

On

A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Date: 1-02-2024 to 7-02-2024

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024

Date:24-1-2024

To

The principal

City Engineering College

Bangalore

Sub: Requisition to conduct a Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Respected Sir,

We would like to conduct A Hands-on Skilling Workshop on "Bits & Bytes of Networking using NS2" from 01-02-2024 to 7-02-2024 for 5th Semester students. The course is designed to bridge the gap between academic learning and industry practices it focuses on practical applications.

So, I request you to permit us to conduct this course and do the needful.

Yours sincerely

Dr. S Vagdevi

HOD
Department of AIML

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Department of Artificial Intelligence and Machine Learning

Academic Year: 2023-2024

Ref. No: CEC/AIML/C1/1.2.1/ACY2023-24/OR/02   **Date:25/01/2024**

CIRCULAR

Sub: Conducting Value added Course on "**A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2**"

This is to inform all the 5th semester students that our department is going to conduct a 5-day value added course on "A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2" from 01-02-2024 to 7-02-2024.

Dr. S Vagdevi

HOD

Department of AIML

About College
CITY ENGINEERING COLLEGE

City Engineering College was established in the year 2001 under Jayanagar Education Society and located in Vasanthpura, Kanakapura Road, Bengaluru. The Campus has spread out in 12 acres of land with unique style of buildings.

The institution believes in providing high quality education to the prospective professionals of the country forwhich necessary quality benchmarks have been put in place, in the areas of faculty recruitment, development, training & placement, teaching process, student's grooming, external academic audits and feedback systemfor academic enhancement.

About Program

- Design and Simulate Network Topologies.
- Implement and Analyse Network Protocols
- Collect and Analyse Simulation Data Performance Evaluation and Optimization
- Apply Simulation Techniques to Real-World Networking Problems.

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City Engineering College
Doddakallasandra,Bangalore 560062
Presents
Value-added program
on

**Bits & Bytes
of Networking using NS 2**

Date: 01-02-2024 & 07-02-2024
Venue: AIML Lab

**Organized by Department
of
Artificial Intelligence & Machine Learning**

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024
Schedule for Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Session 1 (9:00 – 11:00)	Session 2 (11:15 – 12:30)	Session 3 (1:30 PM - 2:30 PM)	Session 4 (2:30 PM - 3:30)	Session 5 3:30 PM - 4:30 PM
Day1				
Introduction	Physical Layer	Implement Three nodes point – to – point network	error detecting code using CRC-CCITT (16- bits).	**Practical**
Day 2				
Introduction to data link layer	Implement transmission of ping messages/trace route over a network topology	continued	find the shortest path between vertices using bellman-ford algorithm	**Practical.**
Day 3				
The Network Layer	Implement an Ethernet LAN using n nodes and set multiple traffic nodes and plot congestion window for different source / destination	Routing Algorithms,	Congestion Control Algorithms	**Practical**
Day 4				
The Transport Layer:	Congestion control	Internet transport protocols.	continued	**Practical**
Day 5				
Application Layer:	The Web and HTTP	DNS-The Internet's Directory Service	continued	**Course wrap-up**

Dr. S Vagdevi

HOD

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024

Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Resource person Profile

Dr Deepthi V S is a Asst. Professor in the Department of Computer Science and Engineering at Dayananda Sagar Engineering College. She holds a Ph.D. and MTech. in Computer Science and Engineering, and a B.E. in the same field. Her research focuses on computer networks, cyber security. she has published numerous papers in Cloud Density Estimation and location prediction, Behavior's Analysis and Detection of Blackhole, Multiphase Detection Evaluation of AODV, Analysis of wormhole Intrusion Attacks in MANETS, Enhanced AODV to counter Blackhole Attacks in MANETS.

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024

Students enrolled for Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

SL NO	USN	NAME
1	1CE21AI001	ABHIJNANA N
2	1CE21AI002	ABRAR ASHRAF BHAT
3	1CE21AI003	AKSHATHA S R
4	1CE21AI004	DARSHAN KUMAR P
5	1CE21AI005	DARSHAN T S
6	1CE21AI006	DARSHINI R
7	1CE21AI007	DASETTY KRISHNA
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17	1CE21AI017	SYED ARHAN
18	1CE21AI018	SYED INSAF
19	1CE21AI019	MOHAMMED SHAH
20	1CE21AI020	THARUN KUMAR
21	1CE21AI021	VASISTA
22	1CE21AI022	S YASHASWI
23	1CE21AI023	YUVASHISH
24	1CE22AI400	DHANUSH
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26	1CE22A402	S K ISMAIL

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Department of Artificial Intelligence and Machine Learning
Academic Year 2023 – 2024
Student Attendance for "A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2"

SLNO	USN	Name	1-2-2024		2-2-2024		5-2-2024		6-2-2024		7-2-2024	
1	1CE21AI001	ABHIJNANA N										
2	1CE21AI002	ABRAR ASHRAF BHAT										
3	1CE21AI003	AKSHATHA S R										
4	1CE21AI004	DARSHAN KUMAR P										
5	1CE21AI005	DARSHAN T S										
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26	1CE22A402	S K ISMAIL										
	Session In charge											

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024
Topic: A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Date: 7-02-2024

Assessment Questions:

1. Which layer of the OSI model handles routing of data packets?

- A) Data Link
- **B) Network**
- C) Transport
- D) Application

2. Which type of cable is commonly used for Ethernet networking?

- A) Coaxial cable
- **B) Twisted pair cable**
- C) Fiber optic cable
- D) USB cable

3. Point-to-point networks are most commonly used in which of the following applications?

- A) LAN networks in large organizations
- B) Internet Service Provider (ISP) backbone connections
- **C) Direct communication between two nodes**
- D) Wireless mesh networks

4. What is one of the main factors that affects the performance of a sliding window protocol?

- A) The encryption strength of the data
- **B) The window size and network latency**
- C) The size of the data packets
- D) The physical distance between sender and receiver

5. Which phase of TCP congestion control involves the exponential increase of the congestion window?

- **A) Slow Start**
- B) Congestion Avoidance
- C) Fast Retransmit
- D) Fast Recovery

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6. Which TCP mechanism involves retransmitting a packet before the retransmission timer expires?

- A) Slow Start
- B) Congestion Avoidance
- **C) Fast Retransmit**
- D) Fast Recovery

7. Which of the following applications is most likely to use UDP instead of TCP?

- A) File Transfer Protocol (FTP)
- B) Web browsing
- **C) Real-time video streaming**
- D) Email transmission

8. What is the purpose of the checksum field in TCP and UDP headers?

- A) To identify the port number
- B) To specify the length of the data
- **C) To detect errors in the header and data**
- D) To control the flow of data

9. What is the primary advantage of using Cyclic Redundancy Check (CRC) over simple parity checks?

- A) CRC can detect only single-bit errors.
- **B) CRC can detect both single-bit and burst errors with high accuracy.**
- C) CRC is faster to compute than parity checks.
- D) CRC requires less computational power than parity checks

10. Which statement correctly differentiates the leaky bucket algorithm from the token bucket algorithm?

- A) The leaky bucket algorithm allows variable burst traffic, while the token bucket allows only constant rate traffic.
- **B) The leaky bucket algorithm provides a constant rate output, while the token bucket allows for bursts of data transmission.**
- C) Both algorithms allow only constant rate traffic.
- D) Both algorithms drop excess data when the bucket is full.

11. What is a computer network?
- a) A device used to display information on a computer screen.
- **b) A collection of interconnected computers and devices that can communicate and share resources.**
- c) A type of software used to create documents and presentations.
- d) The physical casing that protects a computer's internal components

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12. Which of the following is an example of Bluetooth?
- a) wide area network
- b) virtual private network
- c) local area network
- **d) personal area network**

13. Which one of the following is not a function of network layer?
- a) congestion control
- **b) error control**
- c) routing
- d) inter-networking

14. Which of the following devices forwards packets between networks by processing the routing information included in the packet?

- a) firewall
- b) bridge
- c) hub
- **d) router**

15. Which layer does the data link layer take packets from and encapsulate them into frames for transmission?

- **a) transport layer**
- b) application layer
- c) network layer
- d) physical layer

16. Which of this is not a network edge device?

- **a) Switch**
- b) PC
- c) Smartphones
- d) Servers

17. Which topology requires a multipoint connection?
- Ring
- **b) Bus**
- c) Star
- d) Mesh

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18. Which of the following maintains the Domain Name System?

- a single server
- b) a single computer
- **c) distributed database system**
- d) none of the mentioned

19. Which of the following are Gigabit Ethernets?

- 1000 BASE-LX
- b) 1000 BASE-CX
- c) 1000 BASE-SX
- **d) All of the mentioned**

20. Which layer is responsible for process to process delivery in a general network model?

- session layer
- b) data link layer
- **c) transport layer**
- d) network layer

21. What does each packet contain in a virtual circuit network?

- only source address
- b) only destination address
- c) full source and destination address
- **d) a short VC number**

22. Which of the following is the network layer protocol for the internet?

- hypertext transfer protocol
- b) file transfer protocol
- c) ethernet
- **d) internet protocol**

23. What type of transmission is involved in communication between a computer and a keyboard?

- Half-duplex
- b) Full-duplex
- **c) Simplex**
- d) Automatic

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24. Which of the following allows you to connect and login to a remote computer?

- SMTP
- b) HTTP
- c) FTP
- **d) Telnet**

25. What are nodes in a computer network?

- the computer that routes the data
- b) the computer that terminates the data
- c) the computer that originates the data
- **d) all of the mentioned**

Mrs. Nasrath B K
Co-Ordinator

Dr. Vagdevi
HOD

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Academic Year: 2023-2024

Topic: A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2
Assessment Marks

NO	USN	NAME	MARKS
1	1CE21AI001	ABHIJNANA N	20
2	1CE21AI002	ABRAR ASHRAF BHAT	18
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Co-Ordinator   **HOD**

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Department of Artificial Intelligence and Machine Learning
Academic Year: 2023-2024

Topic: A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2
Students Feedback Analysis

Sl. No.	Questions	Excellent	Very good	Good	Fair	Poor
1.	How would you rate the overall effectiveness of the program?	22	1	1	1	1
2.	How do you rate the relevance and quality of the topics covered?	20	2	2	1	1
3.	How do you rate the hands-on exercises and practical assignments	18	2	2	2	2
4.	How well did the program prepare you for employability skills?	20	2	1	3	0
5.	Give rating for the resource person Dr Deepthi V S	22	1	1	1	1
6.	Any suggestions					

Total No. of responses: 26

Students Feedback Analysis

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Course outcome:

Upon successful completion of this course, students were able to:

- Confidently navigate and utilize the NS2 simulation environment.

- Write and modify TCL scripts to simulate various network scenarios. Successfully install and configure NS2 on different operating systems.

- Create and configure complex network topologies, including both wired and wireless networks. Define and simulate different types of network nodes, links, and traffic patterns.

- Design dynamic and scalable network simulations reflecting real-world conditions. Simulate key network protocols at different layers, such as TCP, UDP, and various routing protocols.

- Analyse and compare the performance of these protocols under different network conditions. Experiment with protocol parameters to observe their impact on network behaviour.

- Generate and interpret NS2 trace files to extract detailed simulation data. Use scripting tools like AWK and Perl to process and analyse large datasets.

Mrs. Nasrath B K
Co-Ordinator
Department of AIML

Dr. S Vagdevi
HOD
Department of AIML

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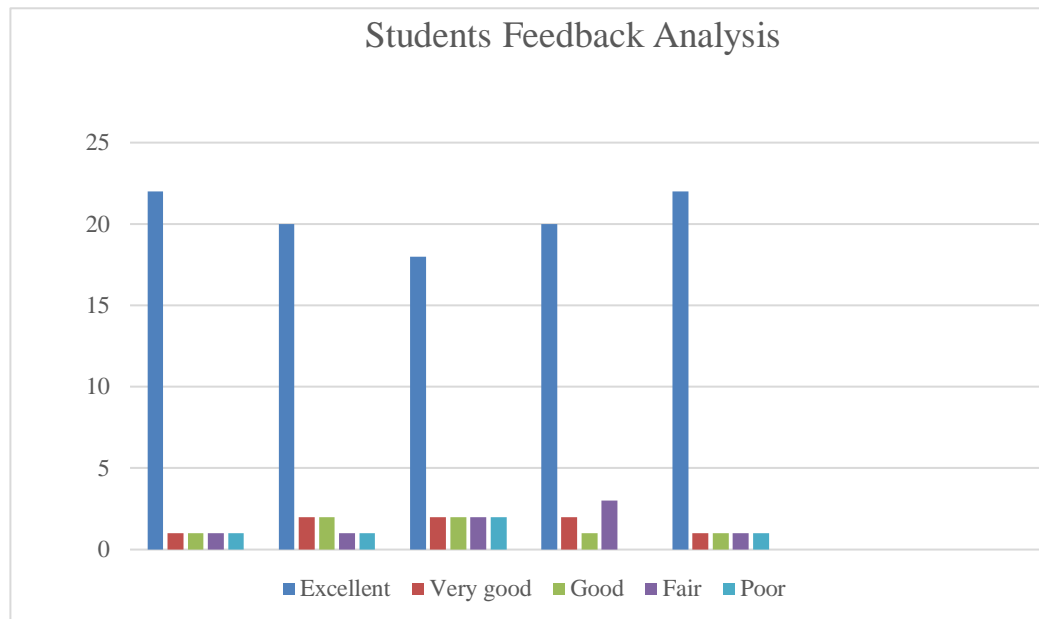Next to Gokulam Apartment, Bangalore - 560 062.

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Course objective:

- Understand the Fundamentals of Network Simulation

- Acquire Proficiency in Using NS2.

- Design and Simulate Network Topologies.

- Implement and Analyse Network Protocols.

- Collect and Analyse Simulation Data

- Visualize Network Simulations

- Conduct Performance Evaluation and Optimization

- Apply Simulation Techniques to Real-World Networking Problems.

- Develop Skills in Network Research and Development

Syllabus

- Introduction Physical Layer

- Implement Three nodes point – to – point network

- Introduction to data link layer

- Implement transmission of ping messages/trace route over a network topology

- The Network Layer, Implement an Ethernet LAN using n nodes and set multiple traffic nodes and plot congestion window for different source / destination

- Find the shortest path between vertices using bellman-ford algorithm

- The Transport Layer

- Congestion Control Algorithms, Application Layer, Internet protocols.

Mrs. Nasrath B K

Co-ordinator

Dr. S Vagdevi

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Department of Artificial Intelligence and Machine Learning

Event Report on A Hands-on Skilling Workshop on Bits & Bytes of Networking using NS2

Date: 01-02-2024 to 7-02-2024

Day 1: Understanding Fundamentals and Scope of Network Simulation

Objectives Covered:

- Understand the purpose and scope of network simulation in analyzing network behaviors.
- Identify strengths and limitations of using NS2 and similar simulators for network analysis.
- Differentiate between various network simulation tools and methodologies.

Key Takeaways: Day 1 focused on laying the foundation of network simulation. Participants gained insights into why simulation is crucial for network analysis, its applications, and the comparative analysis of various simulation tools. Understanding the scope helped in setting expectations for deeper exploration into NS2 and its capabilities.

Day 2: Proficiency in Using NS2

Objectives Covered:

- Installation and configuration of NS2 on different operating systems.
- Navigation and utilization of the NS2 environment and associated tools.
- Writing and modifying TCL scripts to define simulation scenarios.

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Key Takeaways: Participants acquired practical skills in setting up NS2, navigating its interface, and executing basic simulations. The hands-on session with TCL scripting enabled them to define custom network scenarios, laying the groundwork for more complex simulations in subsequent sessions. This day emphasized practical proficiency, ensuring all participants were comfortable with the essential tools and scripting required for network simulation.

Day 3: Designing and Simulating Network Topologies

Objectives Covered:

- Creation and configuration of various network topologies, including wired and wireless networks.
- Implementation of different types of network nodes and connections.
- Simulation of dynamic network scenarios with changing topologies.

Key Takeaways: Day 3 focused on practical application by designing and simulating network topologies using NS2. Participants learned to create both wired and wireless network configurations, deploying nodes and connections as per defined scenarios. The session also included dynamic simulations where participants could observe how network behavior changes with altering topologies. This hands-on experience enhanced their understanding of network structure and dynamics within NS2 simulations.

Day 4: Implementing and Analyzing Network Protocols

Objectives Covered:

- Simulation and analysis of key network protocols such as TCP, UDP, and routing protocols.
- Comparison of protocol performance under various conditions.
- Analysis of protocol parameters' impact on network performance.

Key Takeaways: Day 4 delved into the implementation and analysis of network protocols

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using NS2. Participants gained insights into simulating protocols at different layers of the OSI model, including TCP, UDP, and routing protocols. Through practical exercises, they compared protocol performances under varying conditions, assessing metrics like throughput, delay, and packet loss. This session enabled participants to understand the nuances of protocol behavior within simulated environments and to analyze their effects on network performance.

Glimpse of the event

Fig 1: Resource person's introduction by Mrs. Vindhya

Fig 2: Interactive session on NS2

Mrs. Nasrath B K
Co-Ordinator
Department of AIML

Dr. S Vagdevi
HOD
Department of AIML

Dr. S Karunakara
Principal

City Engineering College

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Department of Artificial Intelligence and Machine Learning

CERTIFICATE OF COMPLETION

This is to certify that RAKSHITHA H S student of AIML bearing USN **1CE21AI0014** has completed hands on Skilling Workshop on Bits & Bytes of Networking using NS2 conducted by Dept of AIML from 01.02.2024-07.02.2024.

Dr. Deepthi V S
Asst. Prof
Dayanand Sagar College of Engineering

Dr. S Vagdevi
HOD, AIML Dept

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Dr. S Karunakara
Principal

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This is to certify that NAMAN BAFNA student of AIML bearing USN **1CE21AI011** has completed hands on Skilling Workshop on Bits & Bytes of Networking using NS2 conducted by Dept of AIML from 01.02.2024-07.02.2024.

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This is to certify that AKSHATHA S R student of AIML bearing USN **1CE21AI003** has completed hands on Skilling Workshop on Bits & Bytes of Networking using NS2 conducted by Dept of AIML from 01.02.2024-07.02.2024.

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CERTIFICATE OF COMPLETION

This is to certify that DARSHINI R student of AIML bearing USN **1CE21AI006** has completed hands on Skilling Workshop on Bits & Bytes of Networking using NS2 conducted by Dept of AIML from 01.02.2024-07.02.2024.

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Department of Computer Science and Engineering

Academic Year 2023-2024

Value Added Course

"TIME MANAGEMENT FOR PERSONAL & PROFESSIONAL PRODUCTIVITY"

26/12/2023 to 30/12/2023

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Date: 21/12/2023

To

    The Principal
    City Engineering College
    Bangalore

    Sub: Regarding Permission to conduct a Value – Added Course on Time Management
        for Personal & Professional Productivity

Respected Sir,

We would like to conduct a Value - Added Course on the "**Time Management for Personal & Professional Productivity**" as a valued added course for third year students from 26/12/2023 to 30/12/2023. The course is designed to help individuals maximize their efficiency and effectiveness in both personal and professional realms. By learning how to prioritize tasks, participants can focus on what truly matters, reducing stress and improving work-life balance. So, I request you to permit us to conduct this course. Kindly do the needful.

Yours Sincerely

Dr. Sowmya Naik P T
HOD
Department of CSE

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CHIEF PATRON

**Dr. K R Paramahamsa,
Chairman,
AMC-City - Brooklyn Group of institution**

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**Dr. Narayanaswamy Ramaiah,
Vice Principal , CEC**

CONVENER

**Dr. Sowmya Naik PT,
HOD CSE & Executive Officer**

COORDINATORS

**Mrs. Archana Bhat,
Assistant Professor,
Department of CSE**

**Mrs. Shruthi B S,
Assistant Professor,
Department of CSE**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course
On

TIME MANAGEMENT FOR PERSONAL & PROFESSIONAL PRODUCTIVITY

26th TO 30th DEC 2023

Resource Person

**Yashaswini M, Faculty & State
Program Coordinator - Karnataka
,The Art of Living earning) .**

CONTACT DETAILS

Mrs. Archana Bhat, Asst.Prof, CSE
PH: 9902381611

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ABOUT COLLEGE

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was started in the year 2001 is known for imparting Quality education and carrying out cutting edge research. In addition to the UG program, PG CSE program and Research facilities for Ph.D. The department offers undergraduate program and has a comprehensive curriculum on topics related to software and hardware with an emphasis on theoretical and practical learning. It has well equipped, state of the art laboratories supported by highspeed Internet and wireless networks.

ABOUT THE COURSE

Time Management for Personal & Professional Productivity is a comprehensive course designed to equip individuals with essential time management techniques. It focuses on strategies to boost productivity by prioritizing tasks, setting achievable goals, and minimizing distractions. The course also addresses methods for reducing stress through effective planning and time allocation, enabling individuals to handle both personal and professional responsibilities efficiently. By mastering these techniques, participants can achieve a balanced and fulfilling lifestyle, ensuring they make the most of their time. This holistic approach to time management not only enhances productivity but also promotes overall well-being and satisfaction

COURSE OUTCOMES

- Enhance productivity and reduce stress.
- Prioritize SMART goals for balanced lifestyle.
- Develop realistic schedules using planning tools.
- Overcome procrastination with practical strategies.
- Create personalized time management plans for work-life balance.

ABOUT RESOURCE PERSON

Yashaswini M is a Faculty & State Program Coordinator – Karnataka, The Art of Living. Professionally an Electronic and Communications Engineer, worked with Yahoo, passionately she is a volunteer and full-time faculty with The Art of Living.

For the past 14 years, she is actively involved with The Art of Living Organization with various service activities. She has managed different profiles like, content writer and SEO operator for Art of Living Digital team, Finance and Operations Manager, National Program Manager for The Art of Living children and teens programs, India. Here, she has contributed in organizational design and development by strategizing policies, devising organizational modules and operational modules that helped manage 4500+ teachers across India.

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Department of Computer Science and Engineering

Ref. No: CEC/CSE/C1/1.2.1/ACY2023-24/OR/03   Date: 22/12/2023

CIRCULAR

Sub: Conducting a Value-added course

This is to inform all the concerned that a 5-day value added course on **Time Management for Personal & Professional Productivity by** Yashaswini M, Faculty & State Program Coordinator - Karnataka ,The Art of Living has been organized from 26/12/2023 to 30/12/2023. All the students have to participate compulsorily for the same. Attendance will be viewed strictly. All the students are hereby instructed to attend the session and get the maximum benefits.

Dr. Sowmya Naik P T
HOD
Department of CSE

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Department of Computer Science and Engineering

Value Added Course "Time Management for Personal & Professional Productivity"

Date: 26/12/2023 to 30/12/2023.

Schedule

Date	Session 1 (9.15 -11.15)	Session 2 (11:30-1:30)	Session 3 (2:00 -4:00)
26/12/2023	Introduction to Time Management: Benefits and Challenges	Self-Assessment: Identifying Current Time Management Habits	Goal Setting: Importance and Types of Goals, SMART Goals
27/12/2023	Prioritization Techniques: Urgent vs Important Tasks (Eisenhower Matrix)	Planning Fundamentals: Importance and Types of Plans (Daily, Weekly, Monthly)	Tools and Software for Planning
28/12/2023	Effective Scheduling: Creating Realistic Schedules, Time Blocking	Buffer Time and Flexibility	To-Do Lists: Importance, Types, and How to Create Effective To-Do Lists
29/12/2023	Procrastination: Causes and Techniques to Overcome	Time Management Tools for Procrastination	Focus and Concentration: Techniques to Improve Focus, Managing Distractions
30/12/2023	Energy Management: Understanding Energy Levels, Techniques to Maintain High Energy Levels, Work-Life Balance	Time Management Tools and Technology: Overview of Popular Tools, Digital vs Analog Tools, Choosing the Right Tool	Batch Processing and Multitasking: Benefits, Risks, and Effective Techniques

Mrs. Archana Bhat
Coordinator

Dr. Sowmya Naik P T
HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSES SYLLABUS

Course Name: Time Management for Personal & Professional Productivity

Duration: 30 hours

Syllabus

Course Objectives:

- Understand the principles of effective time management.

- Develop skills to prioritize tasks and manage time efficiently.

- Learn techniques to set and achieve personal and professional goals.

- Enhance productivity through better planning and organization.

- Minimize stress and improve work-life balance by managing time effectively.

	Topic
Module 1	Introduction to Time Management - Benefits and challenges of time management - Self-Assessment - Identifying current time management habits - Time management self-assessment tools
	Goal Setting - Importance and types of goals - SMART goals - Prioritization Techniques - Urgent vs important tasks (Eisenhower Matrix)
Module 2	Planning Fundamentals - Importance of planning - Types of plans (daily, weekly, monthly) - Tools and software for planning
	Effective Scheduling - Creating realistic schedules - Time blocking - Buffer time and flexibility - To-Do Lists - Importance and types of to-do lists - How to create effective to-do lists

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Module 3	Procrastination - Causes and techniques to overcome procrastination - Time management tools for procrastination - Focus and Concentration - Techniques to improve focus - Managing distractions
	Energy Management - Understanding energy levels - Techniques to maintain high energy levels - Work-life balance
Module 4	Time Management Tools and Technology - Overview of popular tools - Digital vs analog tools - Choosing the right tool
	Batch Processing and Multitasking - Benefits of batch processing - Risks and effective techniques of multitasking - Decision Making
Module 5	Review and Reflect - Reviewing concepts learned - Reflecting on personal time management practices - Sharing experiences and insights
	Creating a Personal Time Management Plan - Steps to create a personalized plan - Setting up routines and habits - Continuous improvement - Course Conclusion - Summary of key takeaways - Final Q&A session - Course feedback and evaluation

 Mrs. Archana Bhat   **Dr. Sowmya Naik P T**
 Coordinator   **HOD**

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Department of Computer Science and Engineering

Value Added Course "Time Management for Personal & Professional Productivity"

Resource Person Profile

Yashaswini M is a Faculty & State Program Coordinator – Karnataka, The Art of Living. Professionally an Electronic and Communications Engineer, worked with Yahoo, passionately she is a volunteer and full-time faculty with The Art of Living.

For the past 14 years, she is actively involved with The Art of Living Organization with various service activities. She has managed different profiles like, content writer and SEO operator for Art of Living Digital team, Finance and Operations Manager, National Program Manager for The Art of Living children and teens programs, India. Here, she has contributed in organizational design and development by strategizing policies, devising organizational modules and operational modules that helped manage 4500+ teachers across India. Developed marketing strategies and supervised social media campaigns to increase specific program reach and spearheaded & organized large-scale workshops involving different cities. Currently she is the State Program Coordinator for the Art of Living children and teens programs, Karnataka.

She has also been part of 2 service projects from its conceptualization to execution, which aimed to bring behavioral transformation in children and teenagers (16,000+ students) of Chennai slums and rural and tribal areas of Mysore. By 2023, the project has reached to 70,000+ students. She loves to collaborate with institutions and teach the Art of Living programs for students.

She is also a Certified Integrated Craniosacral Therapy practitioner from Sri Sri Tattva Centre of Healing Arts.

Organized and a calm problem solver, she loves to transform plans into workable solutions. An ardent book lover, she loves playing board games, Veena and exploring art and technology.

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Value added course on Time Management for Personal & Professional Productivity
LIST OF STUDENTS ENROLLED

SLNO	USN	Name	SLNO	USN	Name
1	1CE21CS001	A C VIMAL GOWDA	28	1CE21CS038	GANESH METI
2	1CE21CS002	ABHISHEK MG	29	1CE21CS039	GANGOTHRI V
3	1CE21CS005	AJAY	30	1CE21CS040	GODHA M
4	1CE21CS006	AKSHITHA S	31	1CE21CS041	HARISHA C
5	1CE21CS008	ANAND	32	1CE21CS042	HARSHA VARDHAN S M
6	1CE21CS009	ANANYA YADAV	33	1CE21CS045	HARSHITHA M
7	1CE21CS010	ANJANEYA V	34	1CE21CS048	HARSHITHA S P
8	1CE21CS012	ANKUSH KUMAR	35	1CE21CS049	HASTAATH KHAN
9	1CE21CS013	ASHISH S D	36	1CE21CS052	IMDAD UL HAQ V I
10	1CE21CS015	ASHWINI S	37	1CE21CS054	JAISHANKAR REDDY V
11	1CE21CS016	AYESHA KALEEM	38	1CE21CS055	JAYANTH N
12	1CE21CS017	BEERESH N	39	1CE21CS056	KAVYASHREE V
13	1CE21CS019	BHARATH KUMAR J	40	1CE21CS058	KEERTHANA S
14	1CE21CS020	BHARATH REDDY G	41	1CE21CS059	KEERTHANA U
15	1CE21CS022	BHARATH S	42	1CE21CS060	KIRAN M
16	1CE21CS024	CHANDRALEKHA S	43	1CE21CS061	KISHAN A
17	1CE21CS025	CHANDRASHEKAR M R	44	1CE21CS062	KOMMINDALA PREMKUMAR
18	1CE21CS026	CHETHAN H S	45	1CE21CS063	KRUTHIK B R
19	1CE21CS027	CHINMAYI L	46	1CE21CS064	M HARSHITHA
20	1CE21CS029	DARSHAN KM	47	1CE21CS068	MEGHANA N
21	1CE21CS031	DARSHAN M Y	48	1CE21CS070	MOHAMMAD JAFAR
22	1CE21CS032	DARSHAN S	49	1CE21CS071	MOHAMMED ARKHAM
23	1CE21CS033	DEEPAK K	50	1CE21CS072	MOHAMMED DAWOOD
24	1CE21CS034	DHANUSH R	51	1CE21CS079	MOHAN KRISHNA D
25	1CE21CS035	DIKSHA P S	52	1CE21CS086	NIVEDITHA R D
26	1CE21CS036	G S BHARATHI	53	1CE21CS087	P DANIEL JAYAKUMAR
27	1CE21CS037	GANESH DIWAKAR	54	1CE21CS091	PRAJNA DATTATRAYA NAIK

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SLNO	USN	Name	SLNO	USN	Name
55	1CE21CS094	PREETHI V	82	1CE21CS077	MOHAMMED SAFWAAN SHARIFF A
56	1CE21CS095	PRIYANKA J	83	1CE21CS078	MOHAMMED ZAHID
57	1CE21CS096	PRIYANKA M	84	1CE21CS080	MONICA R
58	1CE21CS099	RAKESH M	85	1CE21CS081	MUSKAN SHARIFF
59	1CE21CS105	RUPINI C	86	1CE21CS082	NAVYA D
60	1CE21CS111	SANDHYA M	87	1CE21CS083	NEHA Y
61	1CE21CS113	SANNIDHI N D	88	1CE21CS084	NISARGA M U
62	1CE21CS120	SHILPA S	89	1CE21CS085	NITHIN P
63	1CE21CS003	ADITI R	90	1CE21CS088	P SHAMANTH
64	1CE21CS004	ADITYA R RAGATE	91	1CE21CS089	PAVAN M
65	1CE21CS007	AMULYA V MURTHY	92	1CE21CS090	POOJA M
66	1CE21CS018	BHAGYAVANT	93	1CE21CS092	PRATHAM S
67	1CE21CS021	BHARATH S	94	1CE21CS097	PUNITH P
68	1CE21CS023	BHAVANI N	95	1CE21CS100	RANJITHA S
69	1CE21CS028	DARSHAN	96	1CE21CS101	RATNESH
70	1CE21CS033	DEEPAK K	97	1CE21CS102	RESANYA K M
71	1CE21CS043	HARSHITHA G M	98	1CE21CS103	RICHEN SWONGAMIKHA
72	1CE21CS044	HARSHITHA J K	99	1CE21CS104	RIMAH MANAL
73	1CE21CS047	HARSHITHA N	100	1CE21CS106	RUPLA S JADAV
74	1CE21CS050	HRITHIK M	101	1CE21CS107	S ABHISHEK
75	1CE21CS057	KEERTANA SHENDRE	102	1CE21CS108	S NAINA SHALLET
76	1CE21CS065	M NARESH	103	1CE21CS110	SAIF ALI BADAL
77	1CE21CS066	M P SHRUTHI	104	1CE21CS114	SATISH C
78	1CE21CS073	MOHAMMED FAIZ ALAM	105	1CE21CS115	SHAMBAVI S
79	1CE21CS074	MOHAMMED GOUSE ISMAIL SHAIKH	106	1CE21CS116	SHARATH SURGIMATH
80	1CE21CS075	MOHAMMED JALALUDDIN	107	1CE21CS117	SHARON SARA
81	1CE21CS076	MOHAMMED SAAD ABBAN	108	1CE21CS118	SHASHANK RAO L

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SLNO	USN	Name	SLNO	USN	Name
109	1CE21CS119	SHASHANK T S	138	1CE21CS142	VAISHNAVI S SALIAN
110	1CE21CS121	SHREE VISHNU POOJARI	139	1CE21CS145	VINOD KUMAR B C
111	1CE21CS123	SHUBHA M	140	1CE21CS148	YATHISH R
112	1CE21CS124	SHYAM KUMAR K	141	1CE22CS400	AFTAB SAMREEN BANU
113	1CE21CS128	SRINATHA V	142	1CE22CS401	ANUSHA D
114	1CE21CS132	SUMANTH JM	143	1CE22CS402	ASHOK V
115	1CE21CS139	TEJASHREE N V	144	1CE22CS403	CHAITRA KT
116	1CE21CS141	V MONICA	145	1CE22CS404	CHETHANA TL
117	1CE21CS144	VIDYA C	146	1CE22CS405	DEEPAK
118	1CE21CS046	HARSHITHA N	147	1CE22CS406	DEEPAK K C
119	1CE21CS053	INCHARA S	148	1CE22CS407	GOWRISHA H P
120	1CE21CS067	MEGHANA MS	149	1CE22CS408	JAHNAVI M GUDENKATTI
121	1CE21CS093	PREETHI P N	150	1CE22CS409	KARTHIK K N
122	1CE21CS098	R SURYA	151	1CE22CS410	KIRAN V
123	1CE21CS112	SANJANA A H	152	1CE22CS411	LAXMI AVARADI
124	1CE21CS122	SHREELAKSHMI R	153	1CE22CS412	MANJUNATH M
125	1CE21CS125	SINCHANA K P	154	1CE22CS413	MURALIDHARAN V
126	1CE21CS126	SINCHANA THULASIRAMA	155	1CE22CS414	PARASHURAM V PAWAR
127	1CE21CS127	SPANDANA M	156	1CE22CS415	PRADEEP KUMAR H M
128	1CE21CS129	SRUJANA A M	157	1CE22CS416	REKHA CHANNAPPA JAMBAGI
129	1CE21CS130	SRUSHTI PRAKASH KODABAL	158	1CE22CS417	SANDHYA S
130	1CE21CS131	SUHAS SHENOY	159	1CE22CS418	SAVITHA M
131	1CE21CS133	SUNIL J S	160	1CE22CS419	SHARATH H R
132	1CE21CS134	SUPRIYA M V	161	1CE22CS420	SHIVANAND VAJRAKANT BILLUR
133	1CE21CS135	SWATHI V	162	1CE22CS421	SHIVARAJA M V
134	1CE21CS136	T K THARUN	163	1CE22CS422	SHREEHARI S
135	1CE21CS137	TALLIN L N	164	1CE22CS423	SHRISHAIL TELASANG
136	1CE21CS138	TEJA J	165	1CE22CS424	SRISHTI YAGANTI
137	1CE21CS140	THARUN H S	166	1CE22CS425	SUDEEP

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SLNO	USN	Name	SLNO	USN	Name
167	1CE22CS426	SUNIL KUMAR L R	170	1CE22CS429	VENKATESH
168	1CE22CS427	SUPRIYA S	171	1CE22CS430	VISHWAS S
169	1CE22CS428	VARSHA	172	1CE22CS431	YASHWANTH GOWDA A P

Mrs. Archana Bhat
Coordinator

Dr. Sowmya Naik P T
HOD

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value added course on Time Management for Personal & Professional Productivity

Attendance List

SL NO	USN	Name	26-12-2023	27-12-2023	28-12-2023	29-12-2023	30-12-2023
1	1CE21CS001	A C VIMAL GOWDA	Vimala	Vimala	Vimala	Vimala	Vimala
2	1CE21CS002	ABHISHEK MG					
3	1CE21CS005	AJAY					
4	1CE21CS006	AKSHITHA S	Akshitha P	Akshitha P	Akshitha P	Akshitha P	Akshitha P
5	1CE21CS008	ANAND					
6	1CE21CS009	ANANYA YADAV	Ananya	Ananya	Ananya	Ananya	Ananya
7	1CE21CS010	ANJANEYA V	Anja	Anja	Anja	Anja	Anja
8	1CE21CS012	ANKUSH KUMAR	Ankush	Ankush	Ankush	Ankush	Ankush
9	1CE21CS013	ASHISH S D					
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12	1CE21CS017	BEERESH N	Beeresh.N	Beeresh.N	Beeresh.N	Beeresh.N	Beeresh.N
13	1CE21CS019	BHARATH KUMAR J	Bharath ku	Bharath ku	Bharath ku	Bharath ku	Bharath ku
14	1CE21CS020	BHARATH REDDY G	Bhar Reddy	Reddy	Reddy	Reddy	Reddy
15	1CE21CS022	BHARATH S					
16	1CE21CS024	CHANDRALEKHA S	Chu	Chu	Chu	Chu	Chu
17	1CE21CS025	CHANDRASHEKAR M R	chandrashekar	chandrashe	chandrashe	chandrashe	chandrashekar
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19	1CE21CS027	CHINMAYI L	Chinmayi.L	chinmayi.L	chinmayi.L	chinmayi.L	chinmayi L
20	1CE21CS029	DARSHAN KM					
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26	1CE21CS036	G S BHARATHI					
27	1CE21CS037	GANESH DIWAKAR					
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31	1CE21CS041	HARISHA C					
32	1CE21CS042	HARSHA VARDHAN S M					
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38	1CE21CS055	JAYANTH N					
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65	1CE21CS007	AMULYA V MURTHY	Amulya	Amulya	Amulya	Amulya	Amulya
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74	1CE21CS050	HRITHIK M					
75	1CE21CS057	KEERTANASHENDRE	K	K	K	K	K
76	1CE21CS065	M NARESH	M Naresh	M Naresh	M Naresh	M Naresh	M Naresh
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83	1CE21CS078	MOHAMMED ZAHID	Zahid	Zahid	Zahid	Zahid	Zahid
84	1CE21CS080	MONICA R	Monica	Monica	Monica	Monica	Monica
85	1CE21CS081	MUSKAN SHARIFF	Shariff	Shariff	A	Shariff	Shariff
86	1CE21CS082	NAVYA D	Navya	Navya	Navya	Navya	Navya
87	1CE21CS083	NEHA Y	Neha	Neha	Neha	Neha	Neha

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126	1CE21CS126	SINCHANA THULASIRAMA					

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128	1CE21CS129	SRUJANA A M	Srujana AM	Srujana AM	Srujana Am	Srujana AM	Srujana AM
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135	1CE21CS137	TALLIN L N	Tallin	Tallin	Tallin	Tallin	Tallin
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138	1CE21CS142	VAISHNAVI S SALIAN	Vaish	Vaish	Vaish	Vaish	Vaish
139	1CE21CS145	VINOD KUMAR B C	Vinod	vinod	vinod	vinod	vinod
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142	1CE22CS401	ANUSHA D	Anusha	Anusha	Anusha	Anusha	Anusha
143	1CE22CS402	ASHOK V	auy-v	auy-v	auy-v	auy-v	auy-v
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153	1CE22CS412	MANJUNATH M	Manjunath.M	Manjunath.M	Manjunath.M	Manjunath.M	Manjunath.M
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157	1CE22CS416	REKHA CHANNAPPA JAMBAGI	R.C.Jauby	R.C.Jauby	R.C.Jauby	R.C.Jauby	R.C.Jauby
158	1CE22CS417	SANDHYA S	S	S	S	S	S
159	1CE22CS418	SAVITHA M	Sav	Sav	Sav	Sav	Sav
160	1CE22CS419	SHARATH H R	S	S	S	S	S
161	1CE22CS420	SHIVANAND VAJRAKANT BILLUR	Shiva	Shiva	A	Shiva	Shiva
162	1CE22CS421	SHIVARAJA M V	Boog	Boog	Boog	Boog	Boog
163	1CE22CS422	SHREEHARI S	Jee	Jee	Jee	Jee	Jee

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165	1CE22CS424	SRISHTI YAGANTI					
166	1CE22CS425	SUDEEP					
167	1CE22CS426	SUNIL KUMAR L R					
168	1CE22CS427	SUPRIYA S			A		
169	1CE22CS428	VARSHA					
170	1CE22CS429	VENKATESH					
171	1CE22CS430	VISHWAS S					
172	1CE22CS431	YASHWANTH GOWDA A P					

Mrs. Archana Bhat
Coordinator

Dr. Sowmya Naik P T
HOD

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 26-12-2023 to 30-12-2023**

Value Added Course on Time Management for Personal & Professional Productivity

<u>**Assessment Questions**</u>

1. What is the first step in effective time management?
   a) Creating a to-do list
   b) **Identifying goals and priorities**
   c) Delegating tasks
   d) Scheduling breaks

2. Which of the following is a benefit of using a time management tool like a planner or calendar?
   a) **Reduces procrastination**
   b) Increases stress levels
   c) Decreases productivity
   d) Promotes multitasking

3. What does the "80/20 Rule" (Pareto Principle) suggest in the context of time management?
   a) **80% of results come from 20% of efforts**
   b) 20% of results come from 80% of efforts
   c) 80% of time should be spent on planning
   d) 20% of time should be spent on execution

4. Which time management technique involves working for 25 minutes and then taking a 5-minute break?
   a) **Pomodoro Technique**
   b) Time Blocking
   c) Eisenhower Matrix
   d) ABC Analysis

5. What is the main purpose of setting SMART goals?
   a) To make goals vague and flexible
   b) **To ensure goals are Specific, Measurable, Achievable, Relevant, and Time-bound**
   c) To increase the complexity of goals
   d) To delegate goals to others

6. Which of the following is an example of a high-priority task?
   a) Organizing your email inbox
   b) **Completing a critical project with a tight deadline**
   c) Attending a social event
   d) Taking a long lunch break

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7. What is the key concept behind the Eisenhower Matrix?
   a) **Prioritizing tasks based on urgency and importance**
   b) Scheduling tasks in 30-minute increments
   c) Breaking tasks into smaller steps
   d) Multitasking multiple projects simultaneously

8. How can time management improve work-life balance?
   a) By increasing work hours
   b) **By planning and prioritizing tasks to ensure time for personal activities**
   c) By ignoring personal commitments
   d) By focusing solely on professional tasks

9. Which of the following is a common time-wasting habit?
   a) Setting clear goals
   b) **Regularly checking social media during work hours**
   c) Delegating tasks effectively
   d) Using a task management app

10. What is the primary benefit of delegating tasks?
    a) Reducing the quality of work
    b) Increasing personal workload
    c) **Allowing focus on more important tasks**
    d) Micromanaging team members

11. What are some benefits of effective time management?
    a) Increased stress and anxiety
    b) **B. Improved productivity and efficiency**
    c) C. Decreased focus on priorities
    d) D. Lack of accountability

12. Which self-assessment tool helps identify current time management habits?
    a) SWOT analysis
    b) Eisenhower Matrix
    c) SMART goals
    d) **Time audit**

13. What does SMART stand for in relation to goal setting?
    a) Simple, Measurable, Achievable, Realistic, Timely
    b) **Specific, Measurable, Achievable, Relevant, Timely**
    c) Strategic, Measurable, Achievable, Realistic, Time-bound
    d) Specific, Measurable, Action-oriented, Relevant, Time-bound

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14. Which technique helps differentiate urgent tasks from important tasks?
   a) Pareto Principle
   b) Eisenhower Matrix
   c) SWOT analysis
   d) Time blocking

15. What is a common tool for daily planning?
   a) Gantt chart
   b) Mind map
   c) To-Do list
   d) Kanban board

16. What is the purpose of buffer time in scheduling?
   a) To allow for flexibility and unexpected delays
   b) To cram more tasks into a tight schedule
   c) To avoid scheduling important tasks
   d) To spend extra time on non-priority tasks

17. Which technique is effective for overcoming procrastination?
   a) Time blocking
   b) Multitasking
   c) Avoiding planning
   d) Pomodoro Technique

18. What is a common distraction management technique?
   a) Checking email constantly
   b) Setting strict deadlines
   c) Time blocking
   d) Turning off notifications

19. Which energy management technique involves alternating work and rest periods?
   a) Multitasking
   b) Pomodoro Technique
   c) Procrastination
   d) Time blocking

20. What is an advantage of digital time management tools over analog tools?
   a) Better for visual learners
   b) More customizable
   c) Less distracting
   d) Limited to specific tasks

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21. What is a potential risk of multitasking?
    a) Increased productivity
    b) Reduced focus
    c) Improved efficiency
    d) Better time management

22. What is a key step in creating a personalized time management plan?
    a) Avoiding routines
    b) Setting unrealistic goals
    c) Continuous improvement
    d) Ignoring feedback

23. Which tool helps in prioritizing tasks based on importance and urgency?
    a) Gantt chart
    b) Kanban board
    c) Eisenhower Matrix
    d) SWOT analysis

24. What is the purpose of reviewing and reflecting in time management?
    a) Avoiding accountability
    b) Reinforcing bad habits
    c) Identifying areas for improvement
    d) Decreasing productivity

25. What should be included in a course conclusion session on time management?
    a) Key takeaways and final exam
    b) Q&A session only
    c) Summary of key points and feedback
    d) Focus on theoretical concepts

Co-Ordinator
Mrs Archana Bhat   **Dr. Sowmya Naik P T**
Assistant Professor   **HOD**
Department of CSE   **Department of CSE**

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value added course on Time Management for Personal & Professional Productivity

26/12/2023 to 30/12/2023

Assessment Marks

SL NO	USN	Name	Marks
1	1CE21CS001	A C VIMAL GOWDA	22
2	1CE21CS002	ABHISHEK MG	21
3	1CE21CS005	AJAY	15
4	1CE21CS006	AKSHITHA S	18
5	1CE21CS008	ANAND	20
6	1CE21CS009	ANANYA YADAV	15
7	1CE21CS010	ANJANEYA V	16
8	1CE21CS012	ANKUSH KUMAR	19
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16	1CE21CS024	CHANDRALEKHA S	16
17	1CE21CS025	CHANDRASHEKAR M R	18
18	1CE21CS026	CHETHAN H S	22
19	1CE21CS027	CHINMAYI L	12
20	1CE21CS029	DARSHAN KM	16
21	1CE21CS031	DARSHAN M Y	25
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23	1CE21CS033	DEEPAK K	23
24	1CE21CS034	DHANUSH R	15
25	1CE21CS035	DIKSHA P S	15
26	1CE21CS036	G S BHARATHI	18
27	1CE21CS037	GANESH DIWAKAR	17
28	1CE21CS038	GANESH METI	16
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30	1CE21CS040	GODHA M	19
31	1CE21CS041	HARISHA C	20
32	1CE21CS042	HARSHA VARDHAN S M	21
33	1CE21CS045	HARSHITHA M	25
34	1CE21CS048	HARSHITHA S P	16
35	1CE21CS049	HASTAATH KHAN	13

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44	1CE21CS062	KOMMINDALA PREMKUMAR	25
45	1CE21CS063	KRUTHIK B R	16
46	1CE21CS064	M HARSHITHA	13
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48	1CE21CS070	MOHAMMAD JAFAR	16
49	1CE21CS071	MOHAMMED ARKHAM	19
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53	1CE21CS087	P DANIEL JAYAKUMAR	18
54	1CE21CS091	PRAJNA DATTATRAYA NAIK	24
55	1CE21CS094	PREETHI V	23
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78	1CE21CS073	MOHAMMED FAIZ ALAM	22
79	1CE21CS074	MOHAMMED GOUSE ISMAIL SHAIKH	25

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80	1CE21CS075	MOHAMMED JALALUDDIN	24
81	1CE21CS076	MOHAMMED SAAD ABBAN	18
82	1CE21CS077	MOHAMMED SAFWAAN SHARIFF A	24
83	1CE21CS078	MOHAMMED ZAHID	23
84	1CE21CS080	MONICA R	17
85	1CE21CS081	MUSKAN SHARIFF	16
86	1CE21CS082	NAVYA D	18
87	1CE21CS083	NEHA Y	22
88	1CE21CS084	NISARGA M U	22
89	1CE21CS085	NITHIN P	25
90	1CE21CS088	P SHAMANTH	24
91	1CE21CS089	PAVAN M	18
92	1CE21CS090	POOJA M	24
93	1CE21CS092	PRATHAM S	23
94	1CE21CS097	PUNITH P	17
95	1CE21CS100	RANJITHA S	16
96	1CE21CS101	RATNESH	18
97	1CE21CS102	RESANYA K M	22
98	1CE21CS103	RICHEN SWONGAMIKHA	17
99	1CE21CS104	RIMAH MANAL	25
100	1CE21CS106	RUPLA S JADAV	21
101	1CE21CS107	S ABHISHEK	24
102	1CE21CS108	S NAINA SHALLET	15
103	1CE21CS110	SAIF ALI BADAL	22
104	1CE21CS114	SATISH C	21
105	1CE21CS115	SHAMBAVI S	15
106	1CE21CS116	SHARATH SURGIMATH	18
107	1CE21CS117	SHARON SARA	20
108	1CE21CS118	SHASHANK RAO L	15
109	1CE21CS119	SHASHANK T S	16
110	1CE21CS121	SHREE VISHNU POOJARI	19
111	1CE21CS123	SHUBHA M	22
112	1CE21CS124	SHYAM KUMAR K	25
113	1CE21CS128	SRINATHA V	24
114	1CE21CS132	SUMANTH JM	18
115	1CE21CS139	TEJASHREE N V	24
116	1CE21CS141	V MONICA	23
117	1CE21CS144	VIDYA C	17
118	1CE21CS046	HARSHITHA N	16
119	1CE21CS053	INCHARA S	18
120	1CE21CS067	MEGHANA MS	22
121	1CE21CS093	PREETHI P N	12
122	1CE21CS098	R SURYA	16

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123	1CE21CS112	SANJANA A H	25
124	1CE21CS122	SHREELAKSHMI R	13
125	1CE21CS125	SINCHANA K P	25
126	1CE21CS126	SINCHANA THULASIRAMA	18
127	1CE21CS127	SPANDANA M	22
128	1CE21CS129	SRUJANA A M	16
129	1CE21CS130	SRUSHTI PRAKASH KODABAL	19
130	1CE21CS131	SUHAS SHENOY	22
131	1CE21CS133	SUNIL J S	25
132	1CE21CS134	SUPRIYA M V	18
133	1CE21CS135	SWATHI V	25
134	1CE21CS136	T K THARUN	23
135	1CE21CS137	TALLIN L N	22
136	1CE21CS138	TEJA J	18
137	1CE21CS140	THARUN H S	23
138	1CE21CS142	VAISHNAVI S SALIAN	22
139	1CE21CS145	VINOD KUMAR B C	25
140	1CE21CS148	YATHISH R	24
141	1CE22CS400	AFTAB SAMREEN BANU	18
142	1CE22CS401	ANUSHA D	24
143	1CE22CS402	ASHOK V	23
144	1CE22CS403	CHAITRA KT	17
145	1CE22CS404	CHETHANA TL	16
146	1CE22CS405	DEEPAK	18
147	1CE22CS406	DEEPAK K C	22
148	1CE22CS407	GOWRISHA H P	18
149	1CE22CS408	JAHNAVI M GUDENKATTI	24
150	1CE22CS409	KARTHIK K N	23
151	1CE22CS410	KIRAN V	17
152	1CE22CS411	LAXMI AVARADI	16
153	1CE22CS412	MANJUNATH M	18
154	1CE22CS413	MURALIDHARAN V	22
155	1CE22CS414	PARASHURAM V PAWAR	18
156	1CE22CS415	PRADEEP KUMAR H M	24
157	1CE22CS416	REKHA CHANNAPPA JAMBAGI	23
158	1CE22CS417	SANDHYA S	17
159	1CE22CS418	SAVITHA M	16
160	1CE22CS419	SHARATH H R	18
161	1CE22CS420	SHIVANAND VAJRAKANT BILLUR	22
162	1CE22CS421	SHIVARAJA M V	22
163	1CE22CS422	SHREEHARI S	25
164	1CE22CS423	SHRISHAIL TELASANG	24

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165	1CE22CS424	SRISHTI YAGANTI	18
166	1CE22CS425	SUDEEP	24
167	1CE22CS426	SUNIL KUMAR L R	23
168	1CE22CS427	SUPRIYA S	17
169	1CE22CS428	VARSHA	16
170	1CE22CS429	VENKATESH	18
171	1CE22CS430	VISHWAS S	22
172	1CE22CS431	YASHWANTH GOWDA A P	13

 Mrs. Archana Bhat   Dr. Sowmya Naik P T
Co-Ordinator   HOD

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 26-12-2023 to 30-12-2023**

Value Added Course on Time Management for Personal & Professional Productivity
Student Feedback Analysis

Sample Feedback

Timestamp	Name of the Participant	Course objectives were stated clearly and met	Did the time management program help you prioritize your tasks	Did the program address common time management challenges you face in your professional life	Did the program help you manage interruptions and distractions more effectively	Give overall rating
12-30-2023 16:30:19	CHINMAYI L	Agree	Neutral	Agree	Agree	Good
12-30-2023 16:30:36	DARSHAN KM	Agree	Agree	Agree	Agree	Excellent
12-30-2023 16:31:07	DARSHAN M Y	Agree	Neutral	Neutral	Agree	Good
12-30-2023 16:31:08	DARSHAN S	Neutral	Agree	Neutral	Agree	Good
12-30-2023 16:31:09	DHANUSH R	Agree	Agree	Agree	Agree	Good
12-30-2023 16:31:10	DIKSHA P S	Agree	Agree	Agree	Neutral	Excellent
12-30-2023 16:31:12	G S BHARATHI	Neutral	Neutral	Agree	Agree	Good
12-30-2023 16:32:07	GANESH DIWAKAR	Neutral	Neutral	Agree	Agree	Excellent
12-30-2023 16:32:08	GANESH METI	Agree	Agree	Agree	Neutral	Good
12-30-2023 16:32:10	GANGOTHRI V	Agree	Agree	Neutral	Neutral	Good
12-30-2023 16:32:30	GODHA M	Agree	Agree	Agree	Agree	Good
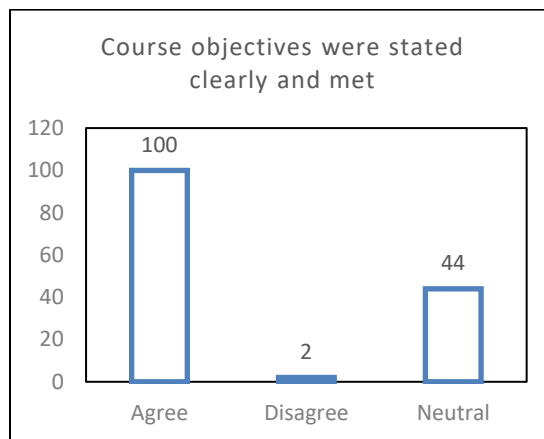
Course objectives were stated clearly and met

Agree 100, Disagree 2, Neutral 44

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Did the time management program help you prioritize your tasks

- Agree: 96
- Disagree: 1
- Neutral: 49

Did the program address common time management challenges you face in your professional life

- Agree: 106
- Disagree: 1
- Neutral: 39

Did the program help you manage interruptions and distractions more effectively

- Agree: 108
- Disagree: 4
- Neutral: 34

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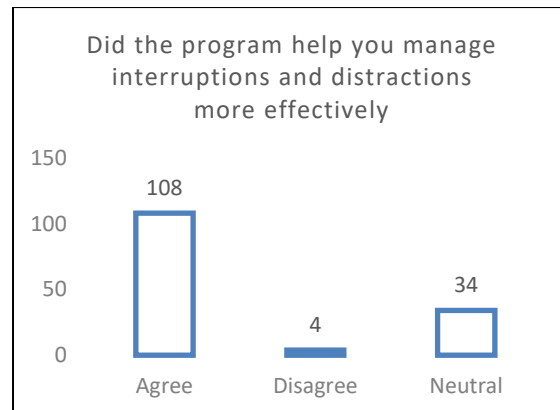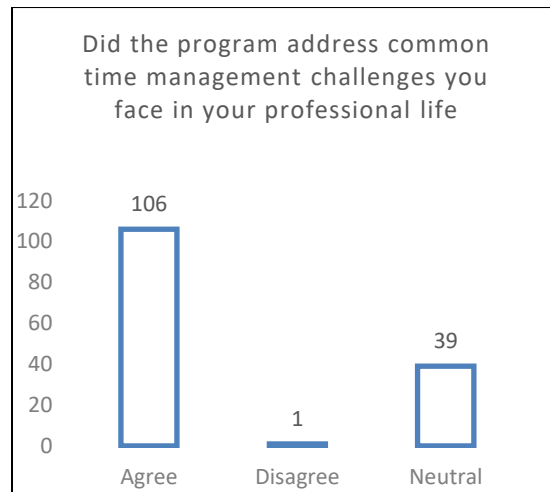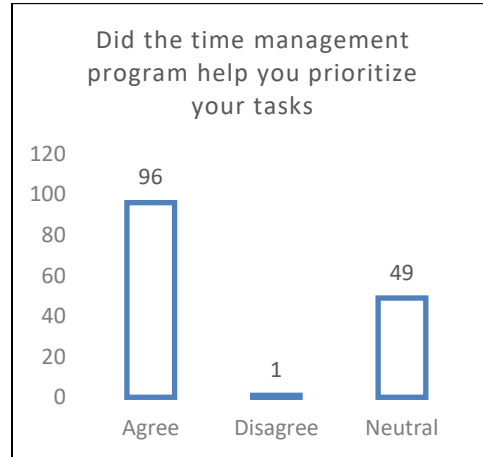
FIG 1: FEEDBACK ANALYSIS

Course Outcomes:

By the end of this course, participants will be able to:

1. Apply time management techniques to enhance personal and professional productivity.

2. Identify and overcome common time-wasting activities.

3. Set realistic and achievable goals.

4. Create and maintain effective schedules and to-do lists.

5. Implement strategies to balance work and personal life

Co-Ordinator
Mrs Archana Bhat
Assistant Professor
Department of CSE

Dr. Sowmya Naik P T
HOD
Department of CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSES

A five-day Value-Added Course on Time **Management for Personal & Professional Productivity** was organised by the Department of Computer Science and Engineering from 26th to 30th December 2023 for Computer Science and Engineering students in the seminar hall by Ms. Yashaswini M is a Faculty & State Program Coordinator - Karnataka The Art of Living. was the resource person.

Day 1:
Morning Session:

The event began with a formal inaugural function. **Dr. Thippeswamy H N, Principal CEC, HOD of CSE** were present during the inauguration. The program began by seeking the blessings of Almighty with invocation and lighting of lamp. Principal advised the students to utilize the benefits of the course completely. **Dr. Sowmya Naik P T** Welcomed the resource person and gave a course overview. Later the session was handed over to the speaker.

FIG 2: RESOURCE PERSON ADDRESSING

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FIG 3: INTERACTIVE Q&A SESSION

Day 1: Introduction to Time Management

The first day focused on understanding the basics of time management and its significance in personal and professional life. Participants were introduced to the benefits and challenges of effective time management. The session included self-assessment activities to help them identify their current time management habits. The afternoon session covered goal setting, emphasizing the importance of SMART goals and differentiating between long-term and short-term objectives. Participants also learned various prioritization techniques such as the Eisenhower Matrix, ABCDE method, and Pareto Principle to help them manage their tasks more efficiently.

Day 2: Planning and Scheduling

Day two was dedicated to planning and scheduling techniques. The morning session highlighted the importance of planning and introduced various types of plans (daily, weekly, monthly) and tools for effective planning, such as planners and digital apps. In the afternoon, participants learned how to create realistic schedules, utilize time blocking, and incorporate buffer time for flexibility. The session also focused on the creation of effective to-do lists and the importance of delegation. Techniques for effective delegation and overcoming barriers to delegation were discussed to help participants manage their workload better.

Day 3: Enhancing Productivity

The third day aimed at boosting productivity by tackling procrastination and improving focus and concentration. Participants explored the causes of procrastination and learned techniques to

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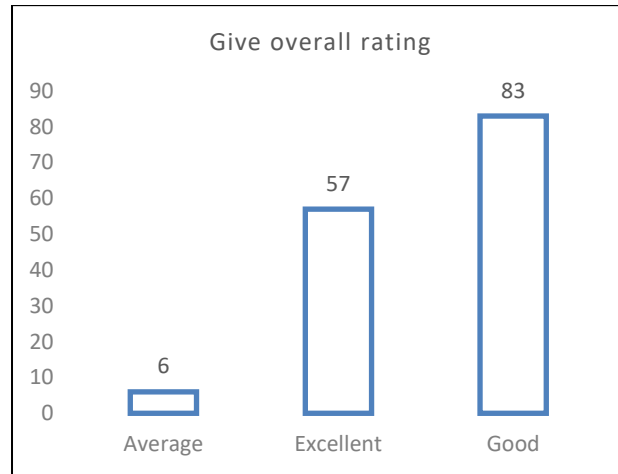Next to Gokulam Apartment, Bangalore - 560 062.

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overcome it, such as breaking tasks into smaller steps and setting deadlines. The session also introduced various time management tools to combat procrastination. Techniques to enhance focus, manage distractions, and use the Pomodoro Technique were covered. The afternoon session focused on energy management, highlighting the connection between energy levels and productivity and providing strategies to maintain high energy and achieve work-life balance.

Day 4: Advanced Time Management Techniques

On the fourth day, participants delved into advanced time management techniques and tools. The morning session provided an overview of popular time management tools and apps, comparing digital and analog options to help participants choose the best fit for their needs. The session also covered batch processing and multitasking, explaining their benefits and risks, and introducing effective multitasking techniques. In the afternoon, the focus shifted to decision making, discussing its role in time management, introducing various decision-making techniques, and addressing decision fatigue to help participants make more effective and efficient decisions.

Day 5: Implementing and Sustaining Time Management Practices

The final day was about consolidating knowledge and implementing sustainable time management practices. The morning session involved reviewing key concepts from the course and reflecting on personal time management practices. Participants shared their experiences and insights, fostering a collaborative learning environment. They then created personalized time management plans, focusing on setting up routines and habits for continuous improvement. The afternoon session emphasized maintaining work-life balance, providing strategies and stress management techniques to help participants achieve a healthy balance between work and personal life. The course concluded with a summary of key takeaways, a final Q&A session, and a feedback and evaluation segment to gather participants' input on the course.

Mrs. Archana Bhat   **Dr. Sowmya Naik P T**   **Dr. H N Thippeswamy**
Coordinator   **HOD**   **PRINCIPAL**

CITY ENGINEERING COLLEGE

DODDAKALLASANDRA, BANGALORE 560062

CERTIFICATE

OF APPRECIATION

THIS IS TO CERTIFY THAT

HARSHA VARDHAN S M

From the Department of Computer Science and Engineering for particiaption in the course on "Time Management for Personal & Professional Productivity "under Value Added course during the period 26-12-2023 to 30-12-2023

Head of Department

Principal

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OF APPRECIATION

THIS IS TO CERTIFY THAT

M HARSHITHA

From the Department of Computer Science and Engineering for particiaption in the course on "Time Management for Personal & Professional Productivity "under Value Added course during the period 26-12-2023 to 30-12-2023

_____
Head of Department

_____
Principal

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RANJITHA S

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Head of Department

Principal

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ASHOK V

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Head of Department

Principal

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OF APPRECIATION

THIS IS TO CERTIFY THAT

SHIVANAND VAJRAKANT BILLUR

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Head of Department

Principal

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Department of Electronics and Communication Engineering
Academic Year 2023-24

Value-added course
On
Applied Machine learning for
Electronics Engineers

CITY ENGINEERING COLLEGE

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To,
The principal,
City Engineering College.   Date: 22/12/2023
Bengaluru.

Respected sir,

       Sub: Regarding permission to value-added course on
             "Applied Machine Learning for Electronics Engineers"

We would like to conduct a value-added course on **"Applied Machine Learning for Electronics Engineers"** for ACY 2023-24 3rd semester students from 26/12/2023 to 30/12/2023.
Machine learning is increasingly relevant for electronics engineers, offering powerful tools to analyse data, optimize processes, and create intelligent systems. This value-added course aims to equip third-semester ECE students with practical skills in machine learning, specifically tailored to applications in electronics engineering. It emphasizes hands-on learning through projects and assignments, ensuring students are well-prepared to apply machine learning techniques to real-world problems in their future careers.
This interdisciplinary knowledge enables engineers to innovate and create smarter electronic systems capable of adapting to and learning from their environments.
Hence, I am seeking the permission to conduct the course. Kindly do the needful.

                                    Your's sincerely,

                                  [Mallikarjuna G S]
                                  HOD, ECE

Professor & Head
Dept. of Electronics &
Communication Engineering
City Engineering College,
Doddakallasandra, Kanakapura Main Road,
Bengaluru-560 061.

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Department of Electronics and Communication Engineering

Ref. No: CEC/ECE/C1/1.2.1/ACY 2023-24/0R/02   Date: 22/12/2023

CIRCULAR

This is to inform that a 5-day Value-added course on "**Applied Machine Learning for Electronics Engineers**" by **Dr S Vagdevi , HOD, AI&ML**, CEC, Bengaluru., has been organized on 26/12/2023 to 30/12/2023 for 3rd semester students. All the students have to participate compulsorily for the same. Attendance will be viewed strictly. All the students are hereby instructed to attend the session and get the maximum benefits.

[G.S. Mallikarjuna]
HOD, ECE
Professor & Head
Dept. of Electronics &
Communication Engineering
City Engineering College,
Doddakallasandra, Kanakapura Main Road
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Five-day Value-Added course on

"Applied Machine learning for Electronic Engineers"

(26/12/2023 – 30/12/2023)
Organized by
Department of Electronics & Communication Engineering
City Engineering College
Bangalore 560062

Shylaja K
Assistant Professor
Dept. of Electronics & communication Engineering
Mobile: +91 9916780169
Email: shylajak@cityengineeringcollege.ac.in

Vishvakiran R.C
Assistant Professor
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Chief Patron

Dr. K.R. Paramahamsa
Chairman,
MBA, Ph.D. (USA). D. Lit
AMC – City group of Institutions, Bengaluru.

Patrons

Dr. Tippeswamy H N
Principal, CEC, Bengaluru

Dr. Narayana swamy Ramaiah
Vice- Principal, CEC, Bengaluru

Dr. Sowmya Naik P.T.
Executive Officer, CEC, Bengaluru

Convener
G.S Mallikarjuna
HOD, ECE, CEC, Bengaluru

Venue: VLSI Lab

About the College

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full-time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.

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Department of Electronics and Communication Engineering

About the ECE Department

The department of Electronics and communication engineering was started in the year 2001 is known for imparting quality education. The department has good infrastructure with experienced faculties. Organizes industrial visits, workshops, technical talks, project exhibitions and training programs regularly which helps in bridging the gap between academics and industry.

About the course

Machine learning is increasingly relevant for electronics engineers, offering powerful tools to analyse data, optimize processes, and create intelligent systems. This value-added course aims to equip third-semester ECE students with practical skills in machine learning, specifically tailored to applications in electronics engineering. It emphasizes hands-on learning through projects and assignments, ensuring students are well-prepared to apply machine learning techniques to real-world problems in their future careers.

This interdisciplinary knowledge enables engineers to innovate and create smarter electronic systems capable of adapting to and learning from their environments.

Resource Person

Dr S. VAGDEVI
B.E., M.E., M.S., Ph.D.
HOD, Dept. of AI&ML,
CEC, Bengaluru

Guidelines

A test (assessment questions) will be conducted by the coordinators at the end of the program. The certificates will be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

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Department of Electronics and Communication Engineering
Value Added Course on ""**Applied Machine Learning for Electronics Engineers"**

SEMESTER: III

Course schedule

Day & Date	Session-1 9:15 - 11:15am		Session-2 11:30am to 1:30pm		Session-3 2:00pm to 4:00pm
1 26/12/2023	Overview of machine learning concepts, types of learning	11:15am - 11:30am Tea break	Applications in electronics engineering Introduction to Python programming	1:30pm - 2:00pm Lunch break	Basics of NumPy, Pandas, and Matplotlib for data manipulation and visualization.
2 27/12/2023	Data cleaning techniques: handling missing data, outlier detection and removal		Data normalization, standardization, and feature scaling.		Techniques for creating new features from existing data. Importance of feature selection and dimensionality reduction.
3 28/12/2023	Understanding linear models for regression and classification tasks Implementation and interpretation of results.		Introduction to decision trees and their construction.		Ensemble methods: Random forests and boosting algorithms.
4 29/12/2023	K-means clustering and hierarchical clustering techniques. Practical applications in grouping and segmenting data in electronics		Principal Component Analysis (PCA) for feature extraction.		Visualizing high-dimensional data using PCA and t-SNE.
5 30/12/2023	Using machine learning to predict failures and perform preventive maintenance in electronic systems.		Case studies and real-world examples. Techniques for detecting anomalies and outliers in sensor data.		Visualizing High-dimensional data using PCA and t-SNE.

[Shylaja K]
Coordinator

[G.S. Mallikarjuna]
HOD, ECE
Professor & Head
Dept. of Electronics &
Communication Engineering
City Engineering College,
Doddakallasandra, Kanakapura Main Road
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Department of Electronics and Communication Engineering
Value Added Course on '"**Applied Machine Learning for Electronics Engineers**"

SEMESTER: III

SYLLABUS

Course Objectives:

1. To introduce fundamental concepts of machine learning and its applications in electronics engineering.
2. To enable students to apply machine learning techniques to solve real-world problems in electronics.
3. To foster critical thinking and analytical skills necessary for designing and implementing machine learning solutions.
4. To encourage collaboration and teamwork through hands-on projects and assignments.

Module 1: Introduction to Machine Learning Basics
 Introduction to Machine Learning - Overview of machine learning concepts, types of learning (supervised, unsupervised, reinforcement), and their applications in electronics engineering. Python for Machine Learning; Introduction to Python programming (if not already covered in core courses). Basics of NumPy, Pandas, and Matplotlib for data manipulation and visualization.

Module 2: Data Preprocessing and Feature Engineering
 Data Preprocessing -Data cleaning techniques: handling missing data, outlier detection and removal; Data normalization, standardization, and feature scaling; Feature Engineering-Techniques for creating new features from existing data; Importance of feature selection and dimensionality reduction.

Module 3: Supervised Learning Techniques
 Linear Regression and Logistic Regression-Understanding linear models for regression and classification tasks. Implementation and interpretation of results;
 Decision Trees and Ensemble Methods-Introduction to decision trees and their construction; Ensemble methods: Random forests and boosting algorithms.

Module 4: Unsupervised Learning Techniques
 Clustering Algorithms; K-means clustering and hierarchical; clustering techniques
 Practical applications in grouping and segmenting data in electronics.
 Dimensionality Reduction-Principal Component Analysis (PCA) for feature extraction.
 Visualizing high-dimensional data using PCA and t-SNE.

Module 5: Applications in Electronics Engineering
 Predictive Maintenance-Using machine learning to predict failures and perform preventive maintenance in electronic systems; Case studies and real-world examples.
 Anomaly Detection in Electronic Circuits; Techniques for detecting anomalies and outliers in sensor data; Application of unsupervised learning algorithms for anomaly detection.

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Additional Resources:

- Recommended Reading: Textbooks and online resources for deeper understanding.
- Software Tools: Access to machine learning libraries (scikit-learn, TensorFlow) and development environments (Jupyter Notebook).

Course Outcomes:

By the end of the course, students should be able to:

1. Understand the basic principles and algorithms of machine learning and their relevance to electronics engineering.
2. Preprocess and analyze data using Python and relevant libraries for machine learning tasks.
3. Implement and evaluate supervised and unsupervised learning algorithms such as regression, classification, clustering, and dimensionality reduction.
4. Apply machine learning techniques to predict failures, detect anomalies, and optimize performance in electronic systems.
5. Design and execute a machine learning project in electronics engineering, demonstrating proficiency in problem-solving and critical thinking.

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[G.S. Mallikarjuna]
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Resource person details

Dr S. VAGDEVI   B.E., M.E., M.S., Ph.D.

HOD, AI&ML, CEC

She has a Value Based teaching of 34 years, Constant source of inspiration and motivation to students. Being proactive, quality conscious and result oriented she works in a highly challenging and teaching frame work. Actively involved in research activities, publishing papers in esteemed journals, guiding PhD students, perceiving funded projects and patents.

- International Journals: 23
- International conference: 08
- National conference: 11
- Citations by 37 documents
- Patents: 03

➢ Title of the Invention: AI BASED APPROACH FOR ENERGY/ POWER TRANSMISSION THROUGH WIRELESS NETWORKS Application No.202241060521 A Publication Date: 28/10/2022 (AIML faculties)

➢ Indian Patent Published with Title of Invention "Calibration of Low-cost Internet of Things Sensors in Environmental monitoring networks via Application of Machine Learning Techniques" Application No.202441005407 dated 09/02/2024

➢ Indian Patent published with Title of Invention "Machine Learning based Solid waste management in Smart Cities" with application number 202341035068, patent office journal number 35/2023 dated 01-09-2023.

- Co-Authored TEXT BOOK: TITLE OF THE BOOK: CRYPTOGRAPHY AND NETWORK SECURITY: Principles and Practices: SIPH publications.

- Research Scholars: 5 Scholars registered under VTU where 3 Scholars awarded Ph.D. One research scholar took a transfer from VTU RRC to CEC CSE RC Academics Question Paper setter for VTU CSE Board Question Paper Setting, Project reviewer at BITS PILANI for WILP for the past 10 years Access to Publication Scopus Author ID: 56857533300 ORCID: https://orcid.org/0000-0001-6618-4453
https://scholar.google.com/citations?hl=en&user=sbmPURsAAAAJ

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STUDENT LIST

SL NO	USN	NAME	SL NO	USN	NAME	SL NO	USN	NAME
1	1CE22EC001	ABDUR REHMAN KHAN	23	1CE22EC023	MANUPRIYA J	45	1CE22EC045	VISHWANATHA S H
2	1CE22EC002	ABHISHEK BATTIKOPPAD	24	1CE22EC024	NAMITHA Y	46	1CE22EC046	YASHASWINI GANGAPPA BEL
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12	1CE22EC012	HARSHA P	34	1CE22EC034	PRERANA C	56	1CE23EC408	MAHESH SHIVAKUMAR ULLA
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14	1CE22EC014	HINCHITHA A	36	1CE22EC036	SANA MARIAM	58	1CE23EC410	MANU G S
15	1CE22EC015	JUHI KUMARI	37	1CE22EC037	SHASHANK H C	59	1CE23EC411	P HARSHA
16	1CE22EC016	KARTHIK A L	38	1CE22EC038	SOHAN K S	60	1CE23EC412	POOJA R SOMANI
17	1CE22EC017	KEERTHANA M	39	1CE22EC039	SUDARSHAN C T	61	1CE23EC413	PREETHAM GOWDA Y K
18	1CE22EC018	KUSUMA P	40	1CE22EC040	VAIBHAVA SHREE N S	62	1CE23EC414	SHIVAKUMAR S KONATI
19	1CE22EC019	LAXMIKANTH SHEELVANTH	41	1CE22EC041	VARSHA H R	63	1CE23EC415	VARSHINI D
20	1CE22EC020	LIKHITH KUMAR M	42	1CE22EC042	VARUN GOWDA K P	64	1CE23EC416	VIJAY ADITHYA R
1	1CE22EC021	MANASA T A	43	1CE22EC043	VIGNESH BHAT	65	1CE23EC417	VINEETH
22	1CE22EC022	MANISHA TRINITA N	44	1CE22EC044	VINUTH L	66	1CE23EC418	YASHWANTH KUMAR D

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44	1CE22EC044	VINUTH L	P	P	P	P	P	Vnuth

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<u>Assessment Questions</u>   [1*25=25M]

1. Which of the following machine learning tasks is used for predicting continuous values?

   A) Classification   B) Regression   C) Clustering   D) Dimensionality reduction

2. In machine learning, what is overfitting?

   A) Model is too simple and fails to capture underlying patterns

   B) Model performs well on training data but poorly on unseen data

   C) Model is trained with insufficient data

   D) Model has high bias and low variance

3. Which Python library is commonly used for data manipulation and analysis in machine learning?

   A) TensorFlow   B) PyTorch   C) NumPy   D) Keras

4. Which ML algorithm is used for detecting anomalies in electronic circuits based on sensor data?

   A) K-means clustering   B) Random forest   C) Support Vector Machine (SVM)

   D) Isolation Forest

5. What does PCA stand for in the context of machine learning?

   A) Principal Component Analysis   B) Predictive Component Algorithm

   C) Principal Component Algorithm   D) Primary Component Analysis

6. Which evaluation metric is appropriate for imbalanced classification problems where the focus is on correctly identifying positive cases?

   A) Accuracy   B) Precision   C) F1-score   D) Recall

7. Which ML technique is used for combining multiple weak learners to improve prediction accuracy?

   A) Decision trees B) Support Vector Machines C) Ensemble methods D) Neural networks

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8. Which algorithm is commonly used for image recognition tasks in electronics engineering?

    A) Linear regression   B) Convolutional Neural Networks (CNNs)

    C) K-nearest neighbors (KNN)   D) Gradient Boosting Machines (GBM)

9. Which step in the machine learning pipeline involves transforming raw data into a format suitable for modelling?

    A) Model selection   B) Data preprocessing   C) Model evaluation   D) Feature engineering

10. Which of the following is NOT a dimensionality reduction technique?

    A) Principal Component Analysis (PCA)   B) t-Distributed Stochastic Neighbor Embedding (t-SNE)

    C) Random Forest   D) Singular Value Decomposition (SVD)

11. What is the purpose of cross-validation in machine learning?

    A) To increase the training time of the model

    B) To reduce overfitting by assessing model performance on unseen data

    C) To boost the accuracy of the model

    D) To speed up the convergence of gradient descent

12. Which machine learning algorithm is used for both regression and classification tasks, depending on the problem setup?

    A) Decision trees   B) Support Vector Machines (SVM)

    C) K-nearest neighbors   D) Random Forest

13. Which type of learning would be most appropriate for predicting the remaining useful life of electronic components based on historical data?

    A) Supervised learning   B) Unsupervised learning

    C) Reinforcement learning   D) Semi-supervised learning

14. Which evaluation metric balances precision and recall in binary classification problems?

    A) Accuracy   B) F1-score   C) Mean Squared Error (MSE)   D) R-squared (R^2)

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15. Which machine learning technique is best suited for identifying patterns in time series data from electronic sensors?

A) Random forest   B) Recurrent Neural Networks (RNNs)

C) Support Vector Machines   D) Gradient Boosting Machines (GBM)

16. Which method is used for handling missing data in a dataset before applying machine learning algorithms?

A) Removing rows with missing data

B) Replacing missing values with the mean of the column

C) Ignoring missing values during model training

D) All of the above

17. Which algorithm can handle both numerical and categorical data directly without requiring preprocessing into numerical values?

A) Support Vector Machines (SVM)   B) Decision trees

 C) K-nearest neighbors (KNN)   D) Gradient Boosting Machines (GBM)

18. Which technique is used to reduce variance in machine learning models and prevent overfitting?
A) Regularization   B) Feature selection   C) Hyperparameter tuning   D) Data augmentation

19. Which algorithm is used for recommendation systems in electronics products based on user preferences?

A) K-means clustering   B) Apriori algorithm   C) Collaborative filtering   D) Decision trees

20. In which step of the machine learning pipeline does the model learn from the data to make predictions?

A) Feature engineering   B) Model training   C) Data preprocessing   D) Model evaluation

21. Which method is used to visualize high-dimensional data in lower dimensions for better understanding and analysis?

A) Principal Component Analysis (PCA)   B) K-means clustering

C) Random forest   D) Gradient descent

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22. Which algorithm is used for sequence prediction tasks in electronics engineering, such as predicting stock prices or sensor readings?

   A) Linear regression   B) Recurrent Neural Networks (RNNs)

   C) Support Vector Machines (SVM)   D) Decision trees

23. Which technique is used for combining predictions from MML models to improve accuracy?

   A) Bagging   B) Boosting   C) Stacking   D) All of the above

24. The metric measuring the degree of correlation between predicted and actual values in regression tasks?

   A) Accuracy   B) Precision   C) Mean Squared Error (MSE)   D) R-squared (R^2)

25. Which technique is used for tuning the hyperparameters of machine learning models to optimize performance?

 A) Cross-validation   B) Grid search   C) Random search   D) All of the above

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Assessment Key Answers

1) B) Regression
2) B) Model performs well on training data but poorly on unseen data
3) C) NumPy
4) D) Isolation Forest
5) A) Principal Component Analysis
6) D) Recall
7) C) Ensemble methods
8) B) Convolutional Neural Networks (CNNs)
9) B) Data preprocessing
10) C) Random Forest
11) B) To reduce overfitting by assessing model performance on unseen data
12) A) Decision trees
13) A) Supervised learning
14) B) F1-score
15) B) Recurrent Neural Networks (RNNs)
16) D) All of the above
17) B) Decision trees
18) A) Regularization
19) C) Collaborative filtering
20) B) Model training
21) A) Principal Component Analysis (PCA)
22) B) Recurrent Neural Networks (RNNs)
23) D) All of the above
24) D) R-squared (R^2)
25) D) All of the above

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NAME OF THE STUDENT: Bhoomika P

USN: 1CE22EC006

Date: 30.12.2023

Assessment Questions

[1*25=25M]

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20. In which step of the machine learning pipeline does the model learn from the data to make predictions?

A) Feature engineering   B) Model training   C) Data preprocessing   D) Model evaluation

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14. Which evaluation metric balances precision and recall in binary classification problems?

A) Accuracy   B) F1-score   C) Mean Squared Error (MSE)   D) R-squared (R^2)

15. Which machine learning technique is best suited for identifying patterns in time series data from electronic sensors?

A) Random forest   B) Recurrent Neural Networks (RNNs)

C) Support Vector Machines   D) Gradient Boosting Machines (GBM)

16. Which method is used for handling missing data in a dataset before applying machine learning algorithms?

A) Removing rows with missing data

B) Replacing missing values with the mean of the column

C) Ignoring missing values during model training

D) All of the above

17. Which algorithm can handle both numerical and categorical data directly without requiring preprocessing into numerical values?

A) Support Vector Machines (SVM)   B) Decision trees

C) K-nearest neighbors (KNN)   D) Gradient Boosting Machines (GBM)

18. Which technique is used to reduce variance in machine learning models and prevent overfitting?
A) Regularization   B) Feature selection   C) Hyperparameter tuning   D) Data augmentation

19. Which algorithm is used for recommendation systems in electronics products based on user preferences?

A) K-means clustering   B) Apriori algorithm   C) Collaborative filtering   D) Decision trees

20. In which step of the machine learning pipeline does the model learn from the data to make predictions?

A) Feature engineering   B) Model training   C) Data preprocessing   D) Model evaluation

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21. Which method is used to visualize high-dimensional data in lower dimensions for better understanding and analysis?

A) Principal Component Analysis (PCA)   B) K-means clustering

C) Random forest   D) Gradient descent

22. Which algorithm is used for sequence prediction tasks in electronics engineering, such as predicting stock prices or sensor readings?

A) Linear regression   B) Recurrent Neural Networks (RNNs)

C) Support Vector Machines (SVM)   D) Decision trees

23. Which technique is used for combining predictions from MML models to improve accuracy?

A) Bagging   B) Boosting   C) Stacking   D) All of the above

24. The metric measuring the degree of correlation between predicted and actual values in regression tasks?

A) Accuracy   B) Precision   C) Mean Squared Error (MSE)   D) R-squared (R^2)

25. Which technique is used for tuning the hyperparameters of machine learning models to optimize performance?

A) Cross-validation   B) Grid search   C) Random search   D) All of the above

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[G.S. Mallikarjuna]
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SCORE TABLE

SL NO	USN	NAME	SCORE
1	1CE22EC001	ABDUR REHMAN KHAN	20
2	1CE22EC002	ABHISHEK BATTIKOPPAD	22
3	1CE22EC003	ABHISHEK T C	21
4	1CE22EC004	ANAND S V	22
5	1CE22EC005	AVINASH KATTIMANI	20
6	1CE22EC006	BHOOMIKA P	22
7	1CE22EC007	DARSHAN D	18
8	1CE22EC008	DHANUSH G	20
9	1CE22EC009	DHANUSH S BATTIKOPPAD	21
10	1CE22EC010	DILEEP Y B	23
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13	1CE22EC013	HEMANTH REDDY R	24
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16	1CE22EC016	KARTHIK A L	18
17	1CE22EC017	KEERTHANA M	20
18	1CE22EC018	KUSUMA P	18
19	1CE22EC019	LAXMIKANTH SHEELVANTH	22
20	1CE22EC020	LIKHITH KUMAR M	24
21	1CE22EC021	MANASA T A	20
22	1CE22EC022	MANISHA TRINITA N	20

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SEMESTER: III

SCORE TABLE

SL NO	USN	NAME	SCORE
23	1CE22EC023	MANUPRIYA J	18
24	1CE22EC024	NAMITHA Y	18
25	1CE22EC025	NAVEENA B S	19
26	1CE22EC026	NAVEENKUMAR S	20
27	1CE22EC027	NAVYA T	20
28	1CE22EC028	NIKITH GOWDA K K	18
29	1CE22EC029	NISARGA B H	20
30	1CE22EC030	NITHIN RAJ B	21
31	1CE22EC031	PAVANKUMAR PRAKASH H U	18
32	1CE22EC032	PREETHI D C	20
33	1CE22EC033	PREMSAGAR Y J	18
34	1CE22EC034	PRERANA C	23
35	1CE22EC035	SAHANA H P	20
36	1CE22EC036	SANA MARIAM	24
37	1CE22EC037	SHASHANK H C	20
38	1CE22EC038	SOHAN K S	18
39	1CE22EC039	SUDARSHAN C T	22
40	1CE22EC040	VAIBHAVA SHREE N S	20
41	1CE22EC041	VARSHA H R	18
42	1CE22EC042	VARUN GOWDA K P	19
43	1CE22EC043	VIGNESH BHAT	18
44	1CE22EC044	VINUTH L	18

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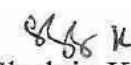Next to Gokulam Apartment, Bangalore - 560 062.

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SEMESTER: III

SCORE TABLE

SL NO	USN	NAME	SCORE
45	1CE22EC045	VISHWANATHA S H	18
46	1CE22EC046	YASHASWINI GANGAPPA BEL	22
47	1CE22EC047	YASHASWINI M	22
48	1CE23EC400	AMRUT MAHADEV HANAMAP	20
49	1CE23EC401	ASHWINI D	18
50	1CE23EC402	AZRA FARHEEN	18
51	1CE23EC403	BASAVARAJ HATTI	20
52	1CE23EC404	BINDHU M	20
53	1CE23EC405	HARISH S	22
54	1CE23EC406	JEEVAN R	22
55	1CE23EC407	LIKITH K	21
56	1CE23EC408	MAHESH SHIVAKUMAR ULLA	24
57	1CE23EC409	MAHESHA G	20
58	1CE23EC410	MANU G S	22
59	1CE23EC411	P HARSHA	20
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61	1CE23EC413	PREETHAM GOWDA Y K	22
62	1CE23EC414	SHIVAKUMAR S KONATI	20
63	1CE23EC415	VARSHINI D	18
64	1CE23EC416	VIJAY ADITHYA R	18
65	1CE23EC417	VINEETH	18
66	1CE23EC418	YASHWANTH KUMAR D	19

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Value Added Course on "**"Applied Machine Learning for Electronics Engineers"**
STUDENT FEEDBACK

Please give us your views as **AGREE, STRONGLY AGREE, DISAGREE, STRONGLY DISAGREE, UNCERTAIN** so that course quality can be improved. You are encouraged to be frank and constructive in your comments.

Program:
Semester:
Course Title: "Applied Machine Learning for Electronics Engineers"

Name of the participant	Course objectives were stated clearly and met	Course contents were well organised	Course enhanced my knowledge	Sessions were interesting and interactive	Overall rating (Excellent)
1CE22EC001 Abdur Rehaman	Agree	Agree	Agree	Agree	Agree

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SEMESTER: III

USN	NAMES	Course objectives were stated clearly and met	Course contents were well organised	Course enhanced my knowledge	Sessions were interesting and interactive	Overall rating (Excellent)
1CE22EC001	ABDUR REHMAN KHAN	Agree	Agree	Agree	Agree	Agree
1CE22EC002	ABHISHEK BATTIKOPPAD	Agree	Agree	Strongly Agree	Agree	Strongly Agree
1CE22EC003	ABHISHEK T C	Agree	Agree	Strongly Agree	Agree	Strongly Agree
1CE22EC004	ANAND S V	Agree	Agree	Strongly Agree	Agree	Strongly Agree
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1CE22EC006	BHOOMIKA P	Agree	Agree	Strongly Agree	Agree	Agree
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1CE22EC009	DHANUSH S BATTIKOPPAD	Agree	Agree	Agree	Agree	Agree
1CE22EC010	DILEEP Y B	Agree	Agree	Agree	Agree	Agree
1CE22EC011	DINESH Y R	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
1CE22EC012	HARSHA P	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
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1CE22EC018	KUSUMA P	Strongly Agree	Agree	Agree	Agree	Agree
1CE22EC019	LAXMIKANTH SHEELVANTH	Strongly Agree	Agree	Strongly Agree	Agree	Strongly Agree
1CE22EC020	LIKHITH KUMAR M	Disagree	Agree	Disagree	Agree	Disagree
1CE22EC021	MANASA T A	Agree	Agree	Agree	Agree	Agree
1CE22EC022	MANISHA TRINITA N	Agree	Agree	Agree	Agree	Agree
1CE22EC023	MANUPRIYA J	Agree	Agree	Agree	Agree	Agree

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Value Added Course on ""**Applied Machine Learning for Electronics Engineers"**

SEMESTER: III

Student Feed Back Analysis

1CE22EC024	NAMITHA Y	Agree	Agree	Disagree	Strongly Agree	Strongly Agree
1CE22EC025	NAVEENA B S	Agree	Agree	Strongly Agree	Strongly Agree	Agree
1CE22EC026	NAVEENKUMAR S	Agree	Agree	Strongly Agree	Strongly Agree	Agree
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1CE22EC045	VISHWANATHA S H	Agree	Strongly Agree	Agree	Agree	Agree
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Value Added Course on ""**Applied Machine Learning for Electronics Engineers"**
SEMESTER: III

Student Feed Back Analysis

1CE23EC400	AMRUT MAHADEV HANAMAP	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC401	ASHWINI D	Strongly Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC402	AZRA FARHEEN	Strongly Agree	Disagree	Agree	Agree	Strongly Agree
1CE23EC403	BASAVARAJ HATTI	Strongly Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC404	BINDHU M	Agree	Strongly Agree	Agree	Agree	Strongly Agree
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1CE23EC406	JEEVAN R	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC407	LIKITH K	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC408	MAHESH SHIVAKUMAR ULLA	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC409	MAHESHA G	Agree	Disagree	Agree	Agree	Strongly Agree
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1CE23EC411	P HARSHA	Agree	Strongly Agree	Agree	Agree	Strongly Agree
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1CE23EC413	PREETHAM GOWDA Y K	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC414	SHIVAKUMAR S KONATI	Disagree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC415	VARSHINI D	Agree	Disagree	Agree	Agree	Strongly Agree
1CE23EC416	VIJAY ADITHYA R	Agree	Strongly Agree	Agree	Agree	Strongly Agree
1CE23EC417	VINEETH	Disagree	Strongly Agree	Agree	Agree	Strongly Disagree
1CE23EC418	YASHWANTH KUMAR D	Agree	Strongly Agree	Agree	Agree	Agree

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Student Feed Back Analysis chart

Figure.1: Student Feed Back Analysis chart

Feedback summary:

1. Students Understood the basic principles and algorithms of machine learning and their relevance to electronics
    engineering.
2. Preprocessed and analyzed data using Python and relevant libraries for machine learning tasks.
3. Implemented and evaluated, supervised and unsupervised learning algorithms such as regression, classification, clustering, and dimensionality reduction.
4. Applied machine learning techniques to predict failures, detect anomalies, and optimize performance in electronic systems.

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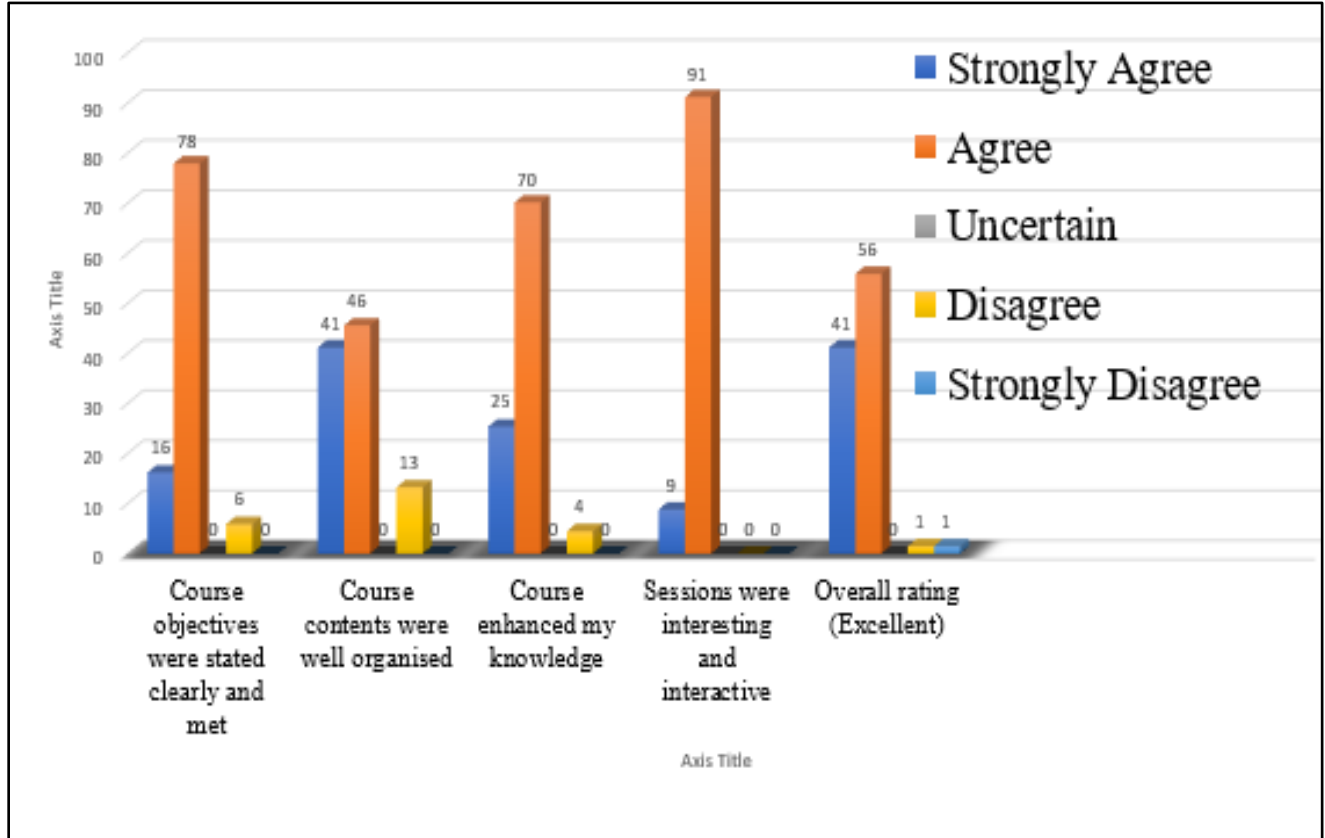
SEMESTER: III

Course report

A five-day Value-Added course on " Applied Machine Learning for Electronics Engineers " was organized by Department of Electronics and Communication Engineering from 26/12/2023 To 30/12/2023. for third sem ECE students.
The resource person was Dr. Vagdevi, HOD, AI & ML, CEC.

Day 1: The event began with a formal inaugural function attended by the principal, HODs of various departments, HOD- ECE, faculties and students.
Program started with the prayer. Welcome address, Introduction about the course and the resource person was given by Mr. Vishva Kiran, faculty, ECE. later the session was handed over to the resource person. Resource person explained overview of machine learning concepts, Introduction to Python programming.

Day 2: Data cleaning techniques; Data normalization, standardization, Techniques for creating new features from existing data. Importance of feature selection and dimensionality reduction.

Day 3: Understanding linear models for regression, Introduction to decision trees & Ensemble methods.
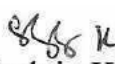
Day:4 Practical applications in grouping and segmenting data in electronics, visualizing high-dimensional data using PCA and t-SNE
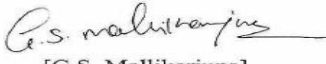
Day 5: Final presentation by the resource person about Using machine learning to predict failures and perform preventive maintenance in electronic systems, Case studies and real-world examples. Techniques for detecting anomalies and outliers in sensor data was given and concluded the session.

Participants shared their views about the course.

One of the most significant takeaways from this course is the ability to apply machine learning models to predict behaviors in electronic components

The course concluded with a quote**. "Machine learning is the electricity of the 21st century. It will empower everything we do in electronics engineering."**

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Department of Electronics & Communication Engineering

Certificate of Participation

This is to Certify that

Ms. *Vaibhava Shree N S* (1CE22EC040)

has Participated in five day Add-on course on **"Applied Machine Learning for Electronics Engineers"**
organized by
Department of Electronics and Communication engineering held
from 26th December 2023 to 30th December 2023

HOD

Principal

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City Engineering College

Doddakalasandra, Bangalore-560062

Department of Electronics & Communication Engineering

Certificate of Participation

This is to Certify that

Mr. Manu G S (1CE23EC410)

has Participated in five day Add-on course on **"Applied Machine Learning for Electronics Engineers"** organized by Department of Electronics and Communication engineering held from 26th December 2023 to 30th December 2023

HOD

Principal

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Department of Applied Science & Humanities

Academic Year 2023 – 2024

Odd Semester

<div style="border:2px solid navy; padding:20px; text-align:center; color:red;">

Value added course

On

Leadership and Management

Date 06-11-23 to 10-11-23

</div>

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Date: 30-10-2023

To

The principal
City Engineering College
Bangalore

Sub: Regarding Permission to conduct Value added course on "Leadership and

Management".

Respected Sir,

We would like to conduct a certificate course on "Leadership and Management" for first year students from Date 06-11-23 to 10-11-23. This course is intendent to engage the students for improving Leadership qualities, team dynamics and conflict resolution. It helps the student to have an understanding of how to manage projects and to lead teams.   So,
I request you to permit us to conduct this course. Kindly do the needful.

Coordinator
Dr. Sunitha N
Department of Chemistry

Yours Sincerely
Dr. Jyothi P, HOD
Department of Mathematics

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Ref. No: CEC/S&H/C1/1.2.1/ACY 2023-24/OR/01

Date: 30/10/2023

CIRCULAR

Sub: Conducting a Value-added Course on "Leadership and Management"

       This is to inform all the first-year students that our department is going to organize a 5-day value added course on "Leadership and Management" from Date 06-11-23 to 10-11-23. All the students have to participate compulsory for the same.

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Principal
Dr. T N Thippeswamy
CEC, Bangalore

HOD
Dr. Jyothi P
Department of Mathematics

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Department of Applied Science & Humanities 2023-24

Value Added course on Leadership and Management
Brochure

CITY ENGINEERING COLLEGE
(Approved by AICTE New Delhi Affiliated
by VTU, Belagavi)
**Near Metro Station, Doddakallasandra
Bangalore – 560 062.
Academic Year 23 -24**

**A Value Added Course on
Leadership and Management**

Organized by
**"Department of Applied Science and
Humanities"**
City Engineering College
Bangalore-560062

Date: 06-11-23 to 10-11-23
Venue : Seminar Hall

www.cityengineeringcollege.ac.in

Chief Patron	About College
Dr. K R Paramahamsa Chairman, AMC, City, Brooklyn Group of Institution, Bangalore. **Patrons:** **Dr. S. Karunakara Principal, City Engineering college, Bangalore.** **Dr. Narayana Swamy Vice Principal, City Engineering college, Bangalore.** **Dr. Sowmya Naik Executive Officer & HOD of Computer Science Department, CEC** **Convenor:** **Dr. Jyothi. P HOD, Dept of Mathematics, CEC**	City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a center of talented, experienced teachers who inspire and energize the students to achieve the best.

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About Applied Science and Humanities

The Applied Science and Humanities Department in City Engineering College serves as a fundamental pillar, providing essential knowledge in fundamental scientific disciples such as mathematics, physis, and chemistry. This Department plays critical role in equipping engineering students with the core scientific principles and analytical skills necessary for heir specialized engineering studies. Faculty members in the Applied Science Department typically engage in both teaching and research, contributing to advancements in their fields and enhancing the overall academic environment. The department often offers courses that support and complement the various engineering programs, ensuring that students have a strong scientific grounding to solve complex engineering problems effectively.

Expert Speakers for the Program

Dr. Rajesh
Associate Professor
Er. PerumalManimakalai Enginering College, Hosur.

Dr. Shalini Prasad
Associate Professor
Department of E&C, CEC

Coordinators:

Mrs. Nagashree G
Assistant Professor
Dept. of Physics, CEC

Dr. Sunitha
Associate Professor
Dept. of Chemistry, CEC

Mrs. Vanitha
Assistant Professor
Dept. of Mathematics, CEC

About Leadership and Management

A Leadership and Management value-added course is designed to enhance participants skills in guiding teams and making strategic decisions. It covers essential topics such as effective communication, team building, conflict resolution, and decision-making processes. The course aims to develop strong leadership qualities and managerial competencies, enabling individuals to inspire and motivate their-teams, drive organizational success, and adapt to changing business environments. Participants will gain practical insights and tools to lead with confidence and foster a collaborative and productive workplace culture.

Coordinator
Dr. Sunitha N

Yours Sincerely
Dr. Jyothi P, HOD
Department of Mathematics

Principal
Dr. T N Tippeswamy
CEC, Bangalore

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Department of Applied Science & Humanities

Value Added course on Leadership and Management

Schedule

Academic Year: 2023-24   Venue: Seminar Hall

Date	Session 1 (9:15 – 11:15)	Session 2 (11:30 – 1:30)	Lunch Break (1:30 – 2:00)	Session 3 (2:00 – 4:00)
06-11-2023	Introduction to Leadership and Management	Definitions and differences between Leadership and Management		Leadership in Organizations
07-11-2023	Leadership Styles and theories	Situational and Contingency Theories		Leadership Style Self-Assessment
08-11-2023	Team Dynamics and Team Building	Roles and Responsibilities in teams		Group Projects, Team building Exercises
09-11-2023	Decision Making and Problem Solving	Problem -Solving Strategies		Real world Decision Making
10-11-2023	Conflict Resolution and Negotiation	Negotiation Techniques		Negotiation Simulations

Coordinator
Dr. Sunitha N
Department of Chemistry

HOD
Dr. Jyothi P
Department of Mathematics

Principal
Dr. H N Tippeswamy
CEC, Bangalore

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Department of Applied Science & Humanities

Value Added course on Leadership and Management

Course Content

Module 1: Introduction to Leadership and Management, definitions and differences, Historical Perspectives and Theories, Leadership in Organizations.

Module 2: Leadership Styles and Theories, Transactional Leadership, Situational and Contingency Theories, Leadership Style Self-Assessment.

Module 3: Team Dynamics and Team Building, Stages of Team Development, Roles and Responsibilities in Teams, Team Building Exercises.

Module 4: Communications Skills for Leaders, Effective Communication Techniques, Simulated Communi9catiobn Challenges.

Module 5: Project Management Fundamentals, Project Planning and Scheduling, Risk Management, Successful Project Plans

Coordinator	**HOD**	**PRINCIPAL**
Dr. Sunitha N	Dr. Jyothi P	Dr. H N Tippeswamy
Department of Chemistry	Department of Mathematics	CEC, Bangalore

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Department of Applied Science & Humanities

Value Added course on Leadership and Management

Resource Person Details

Dr. Rajesh

Associate Professor

Er.Perumal Manimakalai Engineering College

Hosur

Professor Dr. Rajesh R is a highly esteemed academic leader and a prominent figure in the realm of management education. As the Head of the MBA Department, he has demonstrated exceptional vision, leadership, and scholarship, inspiring a new generation of business professionals. With a distinguished spanning 15 years, Professor Dr. Rajesh R has made significant contributions to teaching, research, and industry, authoring numerous papers, books, and case studies. His expertise in Human Resource Management is highly regarded, and he has presented at various national and international conferences.

Under his guidance, the MBA Department has flourished, with a strong focus on innovation, entrepreneurship, and socially responsible business practices. His dedication to mentoring students, fostering collaborations with industry partners, and promoting interdisciplinary research has created a vibrant academic community. Professor Dr. Rajesh R 's leadership has not only shaped the department but also inspired a culture of innovation, inclusivity, and social responsibility, preparing future business leaders to make a positive impact in the world."

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Department of Applied Science & Humanities

Academic Year: 2023-2024

List of Student enrolled

Sl. No.	USN	Name	Sl. No.	USN	Name
1	1CE23CS001	ACHUTA S	36	1CE23CS037	D M MANYA
2	1CE23CS003	ADITHYA K M	37	1CE23CS038	DANDU VENKATA SAI
3	1CE23CS004	ADITHYA S	38	1CE23CS039	DARSHA V
4	1CE23CS005	AFNAN PASHA	39	1CE23CS040	DARSHAN B S
5	1CE23CS006	AJAY K S	40	1CE23CS041	DARSHAN C
6	1CE23CS007	AKASH C P	41	1CE23CS042	DARSHAN GOWDA M
7	1CE23CS008	AKASH J GOWDA	42	1CE23CS045	DEEPIKA E
8	1CE23CS009	AKASHRAJ V T	43	1CE23CS046	DEEPIKA S J
9	1CE23CS010	AKHILESH	44	1CE23CS048	DINESH C
10	1CE23CS011	AMAR NARAYANA N C	45	1CE23CS049	DIVYA
11	1CE23CS012	ANAGHA N	46	1CE23CS051	EVANS J
12	1CE23CS013	ANITHA K	47	1CE23CS053	FEROZ AHMED
13	1CE23CS014	ANJAN P	48	1CE23CS054	GAGANA D C
14	1CE23CS015	ANKITHA	49	1CE23CS055	GOVINDARAJU S N
15	1CE23CS016	ANUSHA A	50	1CE23CS056	HARI R
16	1CE23CS017	ARYAN TIWARI	51	1CE23CS057	HARSHITH L
17	1CE23CS018	ASHA P	52	1CE23CS058	HARSHITHA M
18	1CE23CS019	ASHUTOSH B CHEREKAR	53	1CE23CS060	HEMANTH A N
19	1CE23CS020	AYUSH UPADHYA	54	1CE23CS062	INDU
20	1CE23CS021	BHAVAN	55	1CE23CS064	JEEVAN T
21	1CE23CS022	BHAVANA N S	56	1CE23CS066	KALLESH H V
22	1CE23CS023	BHAVANI	57	1CE23CS069	KEERTHI S
23	1CE23CS024	BHOOMIKA P	58	1CE23CS070	KESHAV G K
24	1CE23CS025	BHUMIKA BALAGANUR	59	1CE23CS073	KUSHMITHA P
25	1CE23CS026	BINDU T	60	1CE23CS075	LEEKHITHA D B
26	1CE23CS027	BINDUSHREE K M	61	1CE23CS076	LEKHANA D R
27	1CE23CS028	C H HARIKISHAN REDDY	62	1CE23CS077	LEPAKSH S GUJAR
28	1CE23CS029	CHANDAN D R	63	1CE23CS078	LIKHITHA C
29	1CE23CS030	CHANDANA V	64	1CE23CS079	LIKHITHA R K
30	1CE23CS031	CHANDR.AKANTH V	65	1CE23CS080	M. KISHORE
31	1CE23CS032	CHARAN G	66	1CE23CS081	M MOHAMMED HAMEEM
32	1CE23CS033	CHARITHA C	67	1CE23CS082	MADHUMITHA S
33	1CE23CS034	CHETAN B N	68	1CE23CS090	MOHAMMED FAIZAN
34	1CE23CS035	CHETHANA S Y	69	1CE23CS136	RAVICHANDR.AN V
35	1CE23CS036	CHINMAYI P N			

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Sl. No.	USN	Name		Sl. No.	USN	Name
70	1CE23CS002	ADITHYA H R		106	1CE23CS130	RAKSHITH U V
71	1CE23CS043	DARSHAN S		107	1CE23CS132	RASHMI C
72	1CE23CS044	DEEPAK J P		108	1CE23CS133	RASHMI SANTOSH BADIGER
73	1CE23CS047	DILEEP KUMAR S		109	1CE23CS134	RAVEENA P V
74	1CE23CS050	E S AKASH		110	1CE23CS135	RAVI KUMAR
75	1CE23CS061	HEMANTH G C		111	1CE23CS138	ROHAN R
76	1CE23CS074	KUSUMA H E		112	1CE23CS139	S K SAMIM AKTAR
77	1CE23CS084	MANIKANTA K S		113	1CE23CS140	S MOHAMMED SAD
78	1CE23CS085	MANISH S		114	1CE23CS142	SADEEQ AHMED R
79	1CE23CS087	MANOJ GOWDA B S		115	1CE23CS145	SAHANA PUJARI
80	1CE23CS089	MEGHANA S		116	1CE23CS146	SAKSHI N J
81	1CE23CS091	MOHAMMED TAJAMUL		117	1CE23CS147	SAMARTH M
82	1CE23CS093	MOHITH P		118	1CE23CS148	SAMMED NARASU TERADALE
83	1CE23CS095	MONIKA S		119	1CE23CS150	SANJAY M B
84	1CE23CS096	MONIKA T P		120	1CE23CS153	SEEMA KUMARI
85	1CE23CS099	N VISHAL ATHRESH		121	1CE23CS154	SHAIKH PARVEZ
86	1CE23CS100	NAMRATHA N		122	1CE23CS155	SHALINI R
87	1CE23CS101	NANDINI K		123	1CE23CS157	SHASHANK H M
88	1CE23CS102	NANDISH BASAVARAJ N		124	1CE23CS158	SHAZIYA NASRIN O C
89	1CE23CS103	NIDHI R KUMAR		125	1CE23CS159	SHIVARAJ E
90	1CE23CS104	NIKHITHA S		126	1CE23CS160	SHIVRAJ HUDEVU N
91	1CE23CS105	NIRUPADI		127	1CE23CS162	SHREYAS M R
92	1CE23CS110	PARINITHA N		128	1CE23CS168	SRUJAN ANAND NAIK
93	1CE23CS111	PAVAN		129	1CE23CS169	SUCHITHA S
94	1CE23CS113	PAVITHRA R		130	1CE23CS171	SUNITHA S
95	1CE23CS114	POOJA G		131	1CE23CS173	SWAMI O MATAD
96	1CE23CS117	PRAJWAL KASHYAP G M		132	1CE23CS174	TEJAS C
97	1CE23CS118	PRARTHANA S		133	1CE23CS176	V VIJWAL
98	1CE23CS119	PRATIKSHA D NAIK		134	1CE23CS177	VAISHALI MUDHOL
99	1CE23CS120	PRAVALIKA R		135	1CE23CS180	VARSHINI K
100	1CE23CS122	PREM S		136	1CE23CS182	VARUN M J
101	1CE23CS123	PRIYANKA R		137	1CE23CS183	VEDANTH GOWDA N
102	1CE23CS124	PUNEETH S		138	1CE23CS184	VIPUL R
103	1CE23CS126	RAHUL K S		139	1CE23CS186	VISHWAS R
104	1CE23CS128	RAJESHWARI KANNAL		140	1CE23CS189	ZAINAB FATHIMA
105	1CE23CS129	RAKSHITHA CHAPPALAGANV				

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Sl. No.	USN	Name		Sl. No.	USN	Name
141	1CE23CS052	FAREEHA AMIN		178	1CE23CS165	SNEHA
142	1CE23CS059	HARSHITHA S		179	1CE23CS166	SOUJANYA U
143	1CE23CS063	JEEVAN K B		180	1CE23CS167	SOWNDARYA D
144	1CE23CS065	JHANSIRANI T L		181	1CE23CS170	SUGHOSHA S VASISTA
145	1CE23CS067	KAVYASHREE N		182	1CE23CS172	SUSHMITHA P
146	1CE23CS068	KEERTHANA M GOWDA		183	1CE23CS175	TIPPANNA
147	1CE23CS071	KISHAN M		184	1CE23CS178	VAISHNAVI AS
148	1CE23CS072	KISHAN N		185	1CE23CS179	VAISHNAVI S
149	1CE23CS083	MALA K C		186	1CE23CS181	VARUN L
150	1CE23CS086	MANOGNA P		187	1CE23CS185	VISHAL T
151	1CE23CS088	MARUTI		188	1CE23CS187	Y SURENDR.A
152	1CE23CS092	MOHITH M GOWDA		189	1CE23CS188	YOGISHWAR B
153	1CE23CS094	MOHITH R GOWDA		190	1CE23IS007	AJITH P
154	1CE23CS097	MUHAMMED MUQUEETH		191	1CE23IS053	MOHAMMED FURQAAN SHARIFF
155	1CE23CS098	MURALI B K		192	1CE23IS054	MOHAMMED SAFIULLA
156	1CE23CS106	NISHA A		193	1CE23IS055	MOHAMMED SHAHID
157	1CE23CS107	NITHIN S		194	1CE23IS056	MYSHA MARIAM
158	1CE23CS108	NIVEDITA PRAKASH VARAD		195	1CE23IS059	NIDISH GOWDA R
159	1CE23CS109	PALLAVI V R		196	1CE23IS061	RAGHAV SINGH PUROHIT
160	1CE23CS112	PAVAN RAM		197	1CE23IS064	RAKESH K
161	1CE23CS115	POOJA R M		198	1CE23IS065	RAKSHITA SANTAM
162	1CE23CS116	PRADEEP KUMAR M		199	1CE23IS066	RAMESH P
163	1CE23CS121	PRAVEEN SUTHAR		200	1CE23IS067	RAMINENI USHA
164	1CE23CS125	RAHATH ANJUM M		201	1CE23IS069	RANJITHA G M
165	1CE23CS127	RAJESH MURANAL		202	1CE23IS070	RAVEENA
166	1CE23CS131	RANJITHA S		203	1CE23IS072	SAGAR B
167	1CE23CS137	RESHIKA S		204	1CE23IS073	SAHANA G S
168	1CE23CS141	SACHIN		205	1CE23IS075	SANJANA D
169	1CE23CS143	SADHANA		206	1CE23IS078	SAYEDA TASMIA FATHIMA
170	1CE23CS144	SAGAR		207	1CE23IS080	SHIVANI N
171	1CE23CS149	SANIYABANU P		208	1CE23IS081	SHREE SKANDA V
172	1CE23CS151	SANJAY V KADAPATTI		209	1CE23IS083	SINCHANA D
173	1CE23CS152	SAVITA G GANGANI		210	1CE23IS084	SPOORTI DEMANNAVAR
174	1CE23CS156	SHAMANTH S		211	1CE23IS086	SWAPNA K V
175	1CE23CS161	SHREE VIDYA H S		212	1CE23IS087	TEJAS H V
176	1CE23CS163	SHREYAS P N		213	1CE23IS093	VIKAS S
177	1CE23CS164	SINDHU M N				

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Department of Applied Science & Humanities

Value Added course on Leadership and Management.
Attendance List

Sl. No.	USN	Name	6-11-23	7-11-23	8-11-23	9-11-23	10-11-23	Student sign
1	1CE23CS001	ACHUTA S	P	P	P	P	P	
2	1CE23CS003	ADITHYA K M	P	P	P	P	P	
3	1CE23CS004	ADITHYA S	P	P	P	P	P	
4	1CE23CS005	AFNAN PASHA	A	P	P	P	A	
5	1CE23CS006	AJAY K S	P	P	P	P	P	
6	1CE23CS007	AKASH C P	P	P	P	P	P	
7	1CE23CS008	AKASH J GOWDA	P	P	P	P	P	
8	1CE23CS009	AKASHRAJ V T	P	P	P	P	P	
9	1CE23CS010	AKHILESH	P	P	P	P	P	
10	1CE23CS011	AMAR NARAYANA N C	P	P	P	P	P	
11	1CE23CS012	ANAGHA N	P	P	A	P	P	
12	1CE23CS013	ANITHA K	P	P	P	P	P	
13	1CE23CS014	ANJAN P	P	P	P	P	A	
14	1CE23CS015	ANKITHA	P	P	P	P	P	
15	1CE23CS016	ANUSHA A	P	P	P	P	P	
16	1CE23CS017	ARYAN TIWARI	P	P	P	P	P	
17	1CE23CS018	ASHA P	P	P	P	P	P	
18	1CE23CS019	ASHUTOSH B CHEREKAR	P	P	P	P	P	
19	1CE23CS020	AYUSH UPADHYA	P	P	P	A		
20	1CE23CS021	BHAVAN	A	P	P	P	P	
21	1CE23CS022	BHAVANA N S	P	P	P	P	P	
22	1CE23CS023	BHAVANI	P	P	P	P	P	
23	1CE23CS024	BHOOMIKA P	P	P	P	P	P	
24	1CE23CS025	BHUMIKA BALAGANUR	P	P	P	P	P	
25	1CE23CS026	BINDU T	P	P	P	P	A	BinduT
26	1CE23CS027	BINDUSHREE K M	P	P	P	P	P	
27	1CE23CS028	C H HARIKISHAN REDDY	P	P	P	P	P	
28	1CE23CS029	CHANDAN D R	P	P	P	P	P	
29	1CE23CS030	CHANDANA V	P	A	P	P	P	
30	1CE23CS031	CHANDRAKANTH V	P	P	P	P	P	
31	1CE23CS032	CHARAN G	P	P	P	P	P	charan
32	1CE23CS033	CHARITHA C	P	P	P	P	P	charith.C
33	1CE23CS034	CHETAN B N	P	P	P	P	P	ChethanBN
34	1CE23CS035	CHETHANA S Y	P	P	P	P	P	Chethana SY
35	1CE23CS036	CHINMAYI P N	P	P	A	P	P	Chinmayi

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Sl. No.	USN	Name	6-11-23	7-11-23	8-11-23	9-11-23	10-11-23	Student sign
36	1CE23CS037	D M MANYA	P	P	P	P	P	
37	1CE23CS038	DANDUVENKATASAI	P	P	P	P	P	
38	1CE23CS039	DARSHAV	P	P	P	P	P	
39	1CE23CS040	DARSHANBS	P	P	P	P	P	
40	1CE23CS041	DARSHANC	P	P	P	P	P	
41	1CE23CS042	DARSHANGOWDAM	A	P	P	P	P	
42	1CE23CS045	DEEPIKAE	P	P	P	P	P	
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50	1CE23CS056	HARIR	P	P	P	P	P	
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53	1CE23CS060	HEMANTHAN	P	P	P	P	P	
54	1CE23CS062	INDU	P	P	A	P	P	
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56	1CE23CS066	KALLESHHV	P	P	P	P	A	
57	1CE23CS069	KEERTHIS	P	P	P	P	P	Keerth:
58	1CE23CS070	KESHAVGK	P	P	P	P	P	Keshav
59	1CE23CS073	KUSHMITHAP	P	P	P	P	P	Kushutha
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63	1CE23CS078	LIKHITHAC	P	P	P	P	P	
64	1CE23CS079	LIKHITHARK	A	P	P	P	P	
65	1CE23CS080	M.KISHORE	P	P	P	P	P	Kishoy
66	1CE23CS081	MOHAMMEDHAMEED	P	P	P	P	P	Hameed
67	1CE23CS082	MADHUMITHAS	P	P	P	P	P	
68	1CE23CS090	MOHAMMEDFAIZAN	P	P	P	P	A	
69	1CE23CS136	RAVICHANDRANV	P	P	P	P	P	

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70	1CE23CS002	ADITHYAHR	P	P	P	P	P	
71	1CE23CS043	DARSHANS	P	P	P	P	P	
72	1CE23CS044	DEEPAKJP	P	P	P	A	P	Deepk
73	1CE23CS047	DILEEPKUMARS	P	P	P	P	P	
74	1CE23CS050	ES AKASH	P	P	P	P	P	Akh
75	1CE23CS061	HEMANTHG C	P	P	P	P	P	
76	1CE23CS074	KUSUMAH E	A	P	P	P	P	
77	1CE23CS084	MANIKANTAK S	P	P	P	P	P	
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81	1CE23CS091	MOHAMMEDTAJAMUL	P	P	P	P	P	
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85	1CE23CS099	NVISHALATHRESH	P	P	P	P	P	
86	1CE23CS100	NAMRATHAN	P	P	P	P	P	
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92	1CE23CS110	PARINITHAN	P	P	P	P	P	
93	1CE23CS111	PAVAN	P	P	P	P	P	
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95	1CE23CS114	POOJAG	P	P	P	P	P	Pooja. G
96	1CE23CS117	PRAJWALKASHYAPG M	P	P	P	P	P	
97	1CE23CS118	PRARTHANAS .	P	P	P	P	P	
98	1CE23CS119	PRATIKSHADNAIK	P	P	P	P	P	
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101	1CE23CS123	PRIYANKAR	P	P	P	P	P	
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104	1CE23CS128	RAJESHWARIKANNAL	P	P	P	A	P	
105	1CE23CS129	RAKSHITHAC HAPPALAGA	A	P	P	P	P	

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107	1CE23CS132	RASHMIC	P	P	P	P	P	
108	1CE23CS133	RASHMISANTOSH	A	P	P	P	P	
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113	1CE23CS140	S MOHAMMEDSAD	P	P	P	P	P	
114	1CE23CS142	SADEEQ AHMED	P	P	P	P	P	
115	1CE23CS145	SAHANAPUJARI	P	P	P	P	P	
116	1CE23CS146	SAKSHIN J	P	P	P	A	P	
117	1CE23CS147	SAMARTHM	P	P	P	P	A	
118	1CE23CS148	SAMMEDNARASU	A	P	P	P		
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121	1CE23CS154	SHAIKHPARVEZ	P	P	P	P	P	
122	1CE23CS155	SHALINIR	P	P	P	P	P	
123	1CE23CS157	SHASHANKHM	P	P	P	P	P	
124	1CE23CS158	SHAZIYANASRINO	P	A	P	A	P	
125	1CE23CS159	SHIVARAJE	P	P	P	A	P	
126	1CE23CS160	SHIVRAJHUDEVUN	P	P	P	P	P	
127	1CE23CS162	SHREYASMR	A	P	P	P	P	
128	1CE23CS168	SRUJANANANDNAI	P	P	P	P	P	
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133	1CE23CS176	VVIJWAL	P	P	P	A	P	
134	1CE23CS177	VAISHALIMUDHOL	P	P	P	P	P	
135	1CE23CS180	VARSHINIK	P	P	P	P	P	
136	1CE23CS182	VARUNMJ	P	P	P	P	P	
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138	1CE23CS184	VIPULR	P	P	P	A	P	
139	1CE23CS186	VISHWASR	P	A	P	P	A	
140	1CE23CS189	ZAINABFATHIMA	P		P	P	A	

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142	1CE23CS059	HARSHITHAS	P	P	P	P	P	
143	1CE23CS063	JEEVANKB	P	P	A	P	P	
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151	1CE23CS088	MARUTI	P	P	P	P	P	
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159	1CE23CS109	PALLAVIVR	P	P	A	P	P	
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165	1CE23CS127	RAJESHMURANAL	P	P	P	P	P	
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171	1CE23CS149	SANIYABANUP	P	P	P	P	P	
172	1CE23CS151	SANJAYVKADAPATTI	P	P	P	P	P	
173	1CE23CS152	SAVITAGGANGANI	P	P	P	P	P	
174	1CE23CS156	SHAMANTHS	P	P	P	P	P	
175	1CE23CS161	SHREEVIDYAHS	P	P	P	P	P	
176	1CE23CS163	SHREYASPN	P	P	P	P	P	
177	1CE23CS164	SINDHUMN	P	P	A	P	P	

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178	1CE23CS165	SNEHA						
179	1CE23CS166	SOUJANYAU						
180	1CE23CS167	SOWNDARYAD						
181	1CE23CS170	SUGHOSHASVASISTA	A					
182	1CE23CS172	SUSHMITHAP					P	
183	1CE23CS175	TIPPANNA					P	
184	1CE23CS178	VAISHNAVIAS						
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186	1CE23CS181	VARUNL			A			
187	1CE23CS185	VISHALT						
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194	1CE23IS056	MYSHAMARIAM						
195	1CE23IS059	NIDISHGOWDAR				A		
196	1CE23IS061	RAGHAVSINGHPUROHIT						
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200	1CE23IS067	RAMINENIUSHA			P			
201	1CE23IS069	RANJITHAGM	A					
202	1CE23IS070	RAVEENA	P					
203	1CE23IS072	SAGARB						
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206	1CE23IS078	SAYEDATASMIAFATHIMA						
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210	1CE23IS084	SPOORTIDEMANNAVAR						
211	1CE23IS086	SWAPNAKV						
212	1CE23IS087	TEJASHV						
213	1CE23IS093	VIKASS	P	A	P			

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Dr. Sunitha N
Department of Chemistry

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Principal
Dr. H N Tippeswamy
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Department of Applied Science & Humanities 2023-24

Value added course On Leadership and Management Assessment Questions

1. Which of the following is a key characteristic of effective leadership?
- A) Micromanagement
- B) Autocratic decision-making
- **C) Inspirational vision**
- D) Passive communication

2. What is the primary difference between leadership and management?
- A) Leadership focuses on short-term goals; management focuses on long-term vision.
- **B) Leadership is about inspiring people; management is about organizing tasks**.
- C) Leadership involves financial planning; management involves team building.
- D) Leadership is about compliance; management is about motivation.

3. Which leadership style involves making decisions without consulting others?
- A) Democratic
- B) Laissez-faire
- C) Transformational
- **D) Autocratic**

4. Which of the following is NOT a core function of management?
- A) Planning
- B) Organizing
- C) Leading
- **D) Innovating**

5. What is the first step in the strategic planning process?
- A) Setting objectives
- **B) Conducting a SWOT analysis**
- C) Implementing the strategy
- D) Evaluating performance

6. Which theory of leadership emphasizes the importance of adaptability and situational context?
- A) Trait Theory
- B) Behavioral Theory
- **C) Contingency Theory**
- D) Transformational Theory

7. What does the term "servant leadership" primarily focus on?
- A) The leader's authority
- B) The leader's charisma
- **C) Serving the needs of employees**
- D) Financial outcomes

8. Which of the following is an example of intrinsic motivation?
- A) A bonus check
- B) A promotion
- **C) Personal satisfaction**
- D) Company car

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9. In Maslow's Hierarchy of Needs, which need is at the top of the pyramid?
- A) Safety needs
- B) Social needs
- C) Esteem needs
- **D) Self-actualization**

10. Which type of power is derived from a person's formal position within an organization?
- A) Expert power
- B) Referent power
- **C) Legitimate power**
- D) Coercive power

11. What is the main focus of transformational leadership?
- A) Maintaining the status quo
- B) Implementing strict controls
- **C) Inspiring and motivating change**
- D) Enforcing rules and policies

12. Which management approach focuses on improving efficiency through scientific analysis of work?
- A) Human Relations Approach
- B) Bureaucratic Management
- **C) Scientific Management**
- D) Systems Theory

13. Which of the following best describes emotional intelligence in leadership?
- A) The ability to implement strategies effectively
- **B) The ability to understand and manage one's own emotions and the emotions of others**
- C) The ability to create financial forecasts
- D) The ability to design organizational structures

14. What is the main goal of performance management in an organization?
- A) To punish poor performance
- **B) To improve employee performance and development**
- C) To reduce operating costs
- D) To increase market share

15. Which of the following is a key trait of ethical leadership?
- A) Prioritizing personal gain
- B) Lack of transparency
- **C) Consistency in actions and values**
- D) Authoritarian decision-making

16. Which leadership style is characterized by a hands-off approach, allowing team members to make decisions?
- A) Autocratic
- B) Transformational
- C) Democratic
- **D) Laissez-faire**

17. Which of the following best describes a "flat" organizational structure?
- A) Many hierarchical levels
- **B) Few hierarchical levels**
- C) Centralized decision-making
- D) High level of bureaucracy

18. What is the main advantage of using the SMART criteria for setting objectives?
- A) Encourages vague goals
- **B) Promotes accountability and clear expectations**
- C) Ensures goals are easy to achieve
- D) Focuses on long-term goals only

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19. Which of the following is a key principle of Total Quality Management (TQM)?
- A) Individual responsibility for quality
- B) Quality is the responsibility of the quality control department
- **C) Continuous improvement involving all employees**
- D) Focus on short-term goals

20. Which conflict management style involves collaboration to find a win-win solution?
- A) Competing
- B) Avoiding
- C) Compromising
- **D) Collaborating**

21. What is the purpose of a Gantt chart in project management?
- A) To assign roles to team members
- B) To outline project risks
- **C) To visualize the project schedule**
- D) To manage project finances

22. Which leadership theory focuses on the leader's ability to adapt their style to the competence and commitment of followers?
- A) Transformational Leadership
- B) Servant Leadership
- **C) Situational Leadership**
- D) Trait Theory

23. Which of the following is NOT typically a component of a SWOT analysis?
- A) Strengths
- B) Weaknesses
- C) Opportunities
- **D) Tactics**

24. Which type of decision-making process involves seeking input from all group members?
- A) Autocratic
- **B) Consensus**
- C) Directive
- D) Command

25. In Kotter's 8-Step Change Model, what is the first step to successful change management?
- A) Communicating the vision
- B) Forming a powerful coalition
- **C) Establishing a sense of urgency**
- D) Creating short-term wins

Course Coordinator	HOD	Principal
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Department of Chemistry	Department of Mathematics	CEC, Bangalore

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Department of Applied Science & Humanities 2023-24

Value added course On Leadership and Management

Student Assessment Result

SL NO	USN	Name	Marks	SL NO	USN	Name	Marks
1	1CE23CS001	ACHUTA S	18	36	1CE23CS037	D M MANYA	16
2 3	1CE23CS003	ADITHYA K M	19	37	1CE23CS038	DANDU VENKATASAI	18
4	1CE23CS004	ADITHYA S	15	38	1CE23CS039	DARSHA V	19
5	1CE23CS005	AFNAN PASHA	16	39	1CE23CS040	DARSHAN B S	20
6	1CE23CS006	AJAY K S	18	40	1CE23CS041	DARSHAN C	16
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27	1CE23CS027	BINDUSHREE K M	16	61	1CE23CS076	LEKHANA D R	19
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34	1CE23CS034	CHETAN B N	18	68	1CE23CS090	MOHAMMED FAIZAN	16
35	1CE23CS035	CHETHANA S Y	19	69	1CE23CS136	RAVICHANDR.AN V	18

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72	1CE23CS044	DEEPAK J P	15	108	1CE23CS133	RASHMI SANTOSH	19
73	1CE23CS047	DILEEP KUMAR S	16	109	1CE23CS134	RAVEENA P V	20
74	1CE23CS050	E S AKASH	18	110	1CE23CS135	RAVI KUMAR	16
75	1CE23CS061	HEMANTH G C	20	111	1CE23CS138	ROHAN R	15
76	1CE23CS074	KUSUMA H E	17	112	1CE23CS139	S K SAMIM AKTAR	16
77	1CE23CS084	MANIKANTA K S	16	113	1CE23CS140	S MOHAMMED SAD	15
78	1CE23CS085	MANISH S	12	114	1CE23CS142	SADEEQ AHMED R	17
79	1CE23CS087	MANOJ GOWDA B S	18	115	1CE23CS145	SAHANA PUJARI	19
80	1CE23CS089	MEGHANA S	19	116	1CE23CS146	SAKSHI N J	20
81	1CE23CS091	MOHAMMED TAJAMUL	20	117	1CE23CS147	SAMARTH M	18
82	1CE23CS093	MOHITH P	16	118	1CE23CS148	SAMMED NARASU TERADALE	19
83	1CE23CS095	MONIKA S	18	119	1CE23CS150	SANJAY M B	16
84	1CE23CS096	MONIKA T P	20	120	1CE23CS153	SEEMA KUMARI	17
85	1CE23CS099	N VISHAL ATHRESH	19	121	1CE23CS154	SHAIKH PARVEZ	20
86	1CE23CS100	NAMRATHA N	15	122	1CE23CS155	SHALINI R	19
87	1CE23CS101	NANDINI K	16	123	1CE23CS157	SHASHANK H M	20
88	1CE23CS102	NANDISH BASAVARAJ	18	124	1CE23CS158	SHAZIYA NASRINO C	16
89	1CE23CS103	NIDHI R KUMAR	20	125	1CE23CS159	SHIVARAJ E	15
90	1CE23CS104	NIKHITHA S	17	126	1CE23CS160	SHIVRAJ HUDEVU	16
91	1CE23CS105	NIRUPADI	16	127	1CE23CS162	SHREYAS M R	15
92	1CE23CS110	PARINITHA N	12	128	1CE23CS168	SRUJAN ANAND NAIK	17
93	1CE23CS111	PAVAN	18	129	1CE23CS169	SUCHITHA S	19
94	1CE23CS113	PAVITHRA R	19	130	1CE23CS171	SUNITHA S	20
95	1CE23CS114	POOJA G	20	131	1CE23CS173	SWAMI O MATAD	18
96	1CE23CS117	PRAJWAL KASHYAP G M	16	132	1CE23CS174	TEJAS C	19
97	1CE23CS118	PRARTHANA S	18	133	1CE23CS176	V VIJWAL	16
98	1CE23CS119	PRATIKSHA D NAIK	20	134	1CE23CS177	VAISHALI MUDHOL	17
99	1CE23CS120	PRAVALIKA R	19	135	1CE23CS180	VARSHINI K	10
100	1CE23CS122	PREM S	15	136	1CE23CS182	VARUN M J	16
101	1CE23CS123	PRIYANKA R	17	137	1CE23CS183	VEDANTH GOWDA	20
102	1CE23CS124	PUNEETH S	18	138	1CE23CS184	VIPUL R	16
103	1CE23CS126	RAHUL K S	17	139	1CE23CS186	VISHWAS R	18
104	1CE23CS128	RAJESHWARI KANNAL	15	140	1CE23CS189	ZAINAB FATHIMA	17
105	1CE23CS129	RAKSHITHA CHAPPALAGANV	19				

SLNO	USN	Name	Marks	SLNO	USN	Name	Marks
141	1CE23CS052	FAREEHA AMIN	18	178	1CE23CS165	SNEHA	16
142	1CE23CS059	HARSHITHA S	20	179	1CE23CS166	SOUJANYA U	18
143	1CE23CS063	JEEVAN K B	15	180	1CE23CS167	SOWNDARYA D	19
144	1CE23CS065	JHANSIRANI T L	16	181	1CE23CS170	SUGHOSHA S VASISTA	20
145	1CE23CS067	KAVYASHREE N	18	182	1CE23CS172	SUSHMITHA P	16
146	1CE23CS068	KEERTHANA M GOWDA	20	183	1CE23CS175	TIPPANNA	15
147	1CE23CS071	KISHAN M	17	184	1CE23CS178	VAISHNAVI AS	16
148	1CE23CS072	KISHAN N	16	185	1CE23CS179	VAISHNAVI S	15
149	1CE23CS083	MALA K C	12	186	1CE23CS181	VARUN L	17
150	1CE23CS086	MANOGNA P	18	187	1CE23CS185	VISHAL T	19
151	1CE23CS088	MARUTI	19	188	1CE23CS187	Y SURENDR.A	20
152	1CE23CS092	MOHITH M GOWDA	10	189	1CE23CS188	YOGISHWAR B	18
153	1CE23CS094	MOHITH R GOWDA	16	190	1CE23IS007	AJITH P	19
154	1CE23CS097	MUHAMMED MUQUEETH	18	191	1CE23IS053	MOHAMMED FURQAAN	16
155	1CE23CS098	MURALI B K	20	192	1CE23IS054	MOHAMMED SAFIULLA	17
156	1CE23CS106	NISHA A	19	193	1CE23IS055	MOHAMMED SHAHID	10
157	1CE23CS107	NITHIN S	15	194	1CE23IS056	MYSHA MARIAM	19
158	1CE23CS108	NIVEDITA PRAKASH VARAD	16	195	1CE23IS059	NIDISH GOWDA R	12
159	1CE23CS109	PALLAVI V R	18	196	1CE23IS061	RAGHAV SINGH P	16
160	1CE23CS112	PAVAN RAM	14	197	1CE23IS064	RAKESH K	15
161	1CE23CS115	POOJA R M	17	198	1CE23IS065	RAKSHITA	16
162	1CE23CS116	PRADEEP KUMAR M	16	199	1CE23IS066	RAMESH P	15
163	1CE23CS121	PRAVEEN SUTHAR	12	200	1CE23IS067	RAMINENI USHA	17
164	1CE23CS125	RAHATH ANJUM M	13	201	1CE23IS069	RANJITHA G M	17
165	1CE23CS127	RAJESH MURANAL	18	202	1CE23IS070	RAVEENA	10
166	1CE23CS131	RANJITHA S	11	203	1CE23IS072	SAGAR B	15
167	1CE23CS137	RESHIKA S	16	204	1CE23IS073	SAHANA G S	19
168	1CE23CS141	SACHIN	18	205	1CE23IS075	SANJANA D	16
169	1CE23CS143	SADHANA	10	206	1CE23IS078	SAYEDA TASMIA	21
170	1CE23CS144	SAGAR	22	207	1CE23IS080	SHIVANI N	21
171	1CE23CS149	SANIYABANU P	23	208	1CE23IS081	SHREE SKANDA V	19
172	1CE23CS151	SANJAY V KADAPATTI	16	209	1CE23IS083	SINCHANA D	17
173	1CE23CS152	SAVITA G GANGANI	18	210	1CE23IS084	SPOORTI	16
174	1CE23CS156	SHAMANTH S	18	211	1CE23IS086	SWAPNA K V	17
175	1CE23CS161	SHREE VIDYA H S	19	212	1CE23IS087	TEJAS H V	15
176	1CE23CS163	SHREYAS P N	17	213	1CE23IS093	VIKAS S	18
177	1CE23CS164	SINDHU M N	15				

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Department of Applied Science & Humanities 2023-24

Value added course On Leadership and Management
Assessment

Name: Anjan P
USN: ICE23CS014

$\frac{19}{25}$

1. **Which of the following is a key characteristic of effective leadership?**
   - A) Micromanagement
   - B) Autocratic decision-making
   - C) Inspirational vision
   - D) Passive communication

2. **What is the primary difference between leadership and management?**
   - A) Leadership focuses on short-term goals; management focuses on long-term vision.
   - B) Leadership is about inspiring people; management is about organizing tasks.
   - C) Leadership involves financial planning; management involves team building.
   - D) Leadership is about compliance; management is about motivation.

3. **Which leadership style involves making decisions without consulting others?**
   - A) Democratic
   - B) Laissez-faire
   - C) Transformational
   - D) Autocratic

4. **Which of the following is NOT a core function of management?**
   - A) Planning
   - B) Organizing
   - C) Leading
   - D) Innovating

5. **What is the first step in the strategic planning process?**
   - A) Setting objectives
   - B) Conducting a SWOT analysis
   - C) Implementing the strategy
   - D) Evaluating performance

6. **Which theory of leadership emphasizes the importance of adaptability and situational context?**
   - A) Trait Theory
   - B) Behavioral Theory
   - C) Contingency Theory
   - D) Transformational Theory

7. **What does the term "servant leadership" primarily focus on?**
   - A) The leader's authority
   - B) The leader's charisma
   - C) Serving the needs of employees
   - D) Financial outcomes

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8. Which of the following is an example of intrinsic motivation?
   - A) A bonus check
   - B) A promotion
   - C) Personal satisfaction
   - D) Company car

9. In Maslow's Hierarchy of Needs, which need is at the top of the pyramid?
   - A) Safety needs
   - B) Social needs
   - C) Esteem needs
   - D) Self-actualization

10. Which type of power is derived from a person's formal position within an organization?
    - A) Expert power
    - B) Referent power
    - C) Legitimate power
    - D) Coercive power

11. What is the main focus of transformational leadership?
    - A) Maintaining the status quo
    - B) Implementing strict controls
    - C) Inspiring and motivating change
    - D) Enforcing rules and policies

12. Which management approach focuses on improving efficiency through scientific analysis of work?
    - A) Human Relations Approach
    - B) Bureaucratic Management
    - C) Scientific Management
    - D) Systems Theory

13. Which of the following best describes emotional intelligence in leadership?
    - A) The ability to implement strategies effectively
    - B) The ability to understand and manage one's own emotions and the emotions of others
    - C) The ability to create financial forecasts
    - D) The ability to design organizational structures

14. What is the main goal of performance management in an organization?
    - A) To punish poor performance
    - B) To improve employee performance and development
    - C) To reduce operating costs
    - D) To increase market share

15. Which of the following is a key trait of ethical leadership?
    - A) Prioritizing personal gain
    - B) Lack of transparency
    - C) Consistency in actions and values
    - D) Authoritarian decision-making

16. Which leadership style is characterized by a hands-off approach, allowing team members to make decisions?
    - A) Autocratic
    - B) Transformational
    - C) Democratic
    - D) Laissez-faire

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17. Which of the following best describes a "flat" organizational structure?
 - A) Many hierarchical levels
 - B) Few hierarchical levels
 - C) Centralized decision-making
 - D) High level of bureaucracy

18. What is the main advantage of using the SMART criteria for setting objectives?
 - A) Encourages vague goals
 - B) Promotes accountability and clear expectations
 - C) Ensures goals are easy to achieve
 - D) Focuses on long-term goals only

19. Which of the following is a key principle of Total Quality Management (TQM)?
 - A) Individual responsibility for quality
 - B) Quality is the responsibility of the quality control department
 - C) Continuous improvement involving all employees
 - D) Focus on short-term goals

20. Which conflict management style involves collaboration to find a win-win solution?
 - A) Competing
 - B) Avoiding
 - C) Compromising
 - D) Collaborating

21. What is the purpose of a Gantt chart in project management?
 - A) To assign roles to team members
 - B) To outline project risks
 - C) To visualize the project schedule
 - D) To manage project finances

22. Which leadership theory focuses on the leader's ability to adapt their style to the competence and commitment of followers?
 - A) Transformational Leadership
 - B) Servant Leadership
 - C) Situational Leadership
 - D) Trait Theory

23. Which of the following is NOT typically a component of a SWOT analysis?
 - A) Strengths
 - B) Weaknesses
 - C) Opportunities
 - D) Tactics

24. Which type of decision-making process involves seeking input from all group members?
 - A) Autocratic
 - B) Consensus
 - C) Directive
 - D) Command

25. In Kotter's 8-Step Change Model, what is the first step to successful change management?
 - A) Communicating the vision
 - B) Forming a powerful coalition
 - C) Establishing a sense of urgency
 - D) Creating short-term wins

Course Coordinator	HOD	Principal
Dr. Sunitha N	Dr. Jyothi P	Dr. H N Tippeswamy
Department of Chemistry	Department of Mathematics	CEC,Bangalore

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Department of Applied Science & Humanities

Student Feedback Analysis

Sample Feedback

Name of the Participant	Course objectives were stated clearly and met	The Course content was well organized	Course enhanced my skills	Classes were interesting and interactive
MURALI B K	Neutral	Agree	Agree	Agree
NISHA A	Neutral	Neutral	Neutral	Neutral
NITHIN S	Agree	Disagree	Agree	Agree
SANJAY M B	Agree	Agree	Agree	Neutral
SEEMA KUMARI	Agree	Agree	Neutral	Neutral
SHAIKH PARVEZ	Neutral	Neutral	Neutral	Disagree
ANITHA K	Agree	Agree	Neutral	Agree

Graph
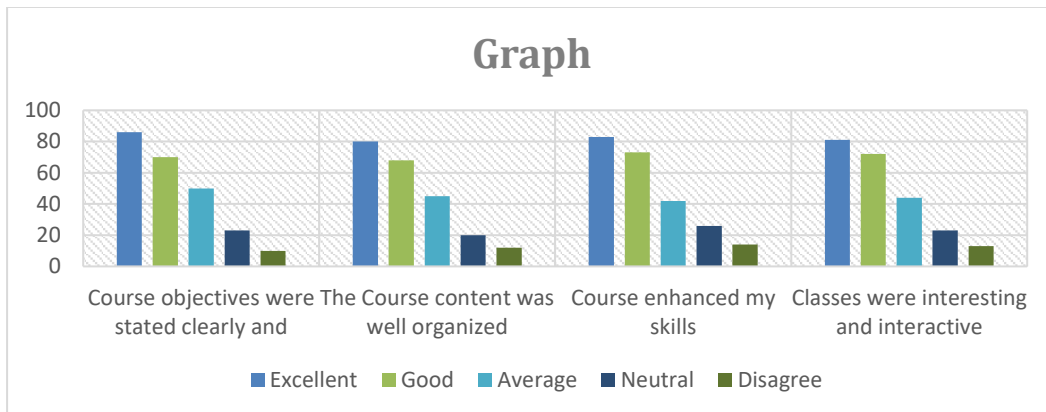
Feedback Responses – 170

Fig.1

Feedback Summary –

Understand the fundamental differences between Leadership and Management.

- Identify and differentiate between various leadership styles such as transformational and transactional leadership.
- Develop strategies for effective team building and improving team dynamics.
- Students will understand and be able to apply change management principles tolead successful organizational transformations.
- Exhibit a strong commitment to ethical leadership and corporate socialresponsibility.

Course Coordinator	**HOD**	**Principal**
Dr. Sunitha N	Dr. Jyothi P	Dr. H N Tippeswamy
Department of Chemistry	Department of Mathematics	CEC, Bangalore

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Department of Applied Science & Humanities

Value Added course on Leadership and Management

Course Objectives

The course objectives are

- Gain a comprehensive understanding of key leadership theories, principles and practices.
- Enhance verbal and non-verbal communication skills essential for effective leadership and management.
- Learn techniques for building, leading, and motivating high-performance teams.
- Develop critical thinking and decision-making skills necessary for effective leadership and management.
- Develop the ability to lead and manage in diverse and multicultural environments.

Course Outcomes

The students will be able to:

- Understand the fundamental differences between Leadership and Management.
- Identify and differentiate between various leadership styles such as transformational and transactional leadership.
- Develop strategies for effective team building and improving team dynamics.
- Students will understand and be able to apply change management principles to lead successful organizational transformations.
- Exhibit a strong commitment to ethical leadership and corporate social responsibility.

Course Coordinator	**HOD**	**Principal**
Dr. Sunitha N	Dr. Jyothi P	Dr. H N Tippeswamy
Department of Chemistry	Department of Mathematics	CEC, Bangalore

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DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

VALUE ADDED COURSES

A five-day Value-Added Course on **Leadership and Management** was organized by the Department of Applied Science & Humanities from 6th to 10th Nov 2023 for First year students in the seminar hall by Dr. Rajesh and Dr. Shalini Prasad**.** The schedule for a five-day Value-Added Course on Leadership and Management for Personal & Professional Productivity covered key topics.

Day 1:

The event began with a formal inaugural function. Dr. S Karunakara, Principal CEC and HOD's of Applied Science & Humanities were present during the inauguration. The program began by seeking the blessings of Almighty with invocation and lighting of lamp. Principal advised thestudents to utilize the benefits of the course completely. Dr. Jyothi madam Welcomed the resource person and gave a course overview. Later the session was handed over to the speaker.

On the first day, introduction of fundamental differences between leadership and management. Participants learned about the various roles and responsibilities that distinguish leaders from managers, emphasizing the unique qualities and skills required for each.

Fig.2 Students are Listening to the Speaker

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Day 2:

The second day explored different leadership styles, such as autocratic, democratic, laissez-faire, and transformational. The session focused on understanding the characteristics of each style and identifying situations where each is most effective.

Day 3:

The third day focused on motivation theories, including Maslow's Hierarchy of Needs and Herzberg's Two Factor Theory. Participants discussed how these theories can be applied to motivate teams and improve workplace satisfaction.

Day 4:

The fourth day, participants learned about the decision-making process, starting from defining the problem to evaluating the outcomes. Emphasis was placed on making informed and inclusive decisions to lead teams effectively.

Day 5:

On the final day, the focus was on ethical leadership, discussing what it means to lead ethically and how to align behavior and decisions with ethical standards. Case studies were uses to illustrate real-world ethical dilemmas.

Throughout the intensive 5-day course, participants engaged in a structured and rigorous curriculum that effectively enhanced their skills. This structure ensures that participants gain a comprehensive understanding of essential leadership and management concepts over the course of the program.

Course Coordinator	HOD	Principal
Dr. Sunitha N	Dr. Jyothi P	Dr. H N Tippeswamy
Department of Chemistry	Department of Mathematics	CEC, Bangalore

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CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

ACHUTA S

1CE23CS001

From the Applied Science & Humanities for participation in the Course on
"Leadership and Management" under value added Course from 06th to 10th Nov 2023

HOD
Department of Mathematics

Principal
CEC, Bangalore

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

ARYAN TIWARI

1CE23CS017

From the Applied Science & Humanities for participation in the Course on "Leadership and Management" under value added Course from 06th to 10th Nov 2023

HOD
Department of Mathematics

Principal
CEC, Bangalore

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

PAVITHRA R

1CE23CS0113

From the Applied Science & Humanities for participation in the Course on
"Leadership and Management" under value added Course from 06th to 10th Nov 2023

HOD
Department of Mathematics

Principal
CEC, Bangalore

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

RAHUL K S

1CE23CS126

**From the Applied Science & Humanities for participation in the Course on
"Leadership and Management" under value added Course from 06th to 10th Nov 2023**

HOD
Department of Mathematics

Principal
CEC, Bangalore

Department of Information Science and Engineering

Academic Year 2023- 2024

Value Added Course

On

Aptitude and Soft Skills

16-10-2023 to 20-10-2023

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Date: 10-10-2023

To,

The Principal
City Engineering College
Bangalore

Sub: Regarding permission to conduct a value-added course on "Aptitude and Soft Skills"

Respected Sir,

We would like to conduct value-added course on "Aptitude and Soft Skills" for third year students from 16-10-2023 to 20-10-2023.This course ensures that individuals are not only academically prepared but also equipped with the experience to understand the concept of Aptitude and soft skills necessary for success in the dynamic landscape of the professional world.. So, I request you to permit us to conduct this course. Kindly do the needful.

Yours Sincerely

Mr. Sakthivel B
HOD & Convener

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Ref. No: CEC/ISE//C-1.2.1/ACY2023-24/01

Department of Information Science and Engineering

Date: 11-10-2023

CIRCULAR

Sub: Conducting a Value added course on "Aptitude and Soft Skills"

All the students are here by informed that our Department, Information Science and Engineering will conduct value added course on **"Aptitude and Soft Skills"** during 16-10-2023 to 20-10-2023 in offline.

The aim of this value added course is to expose the participants to the use of "Aptitude and Soft Skills" and its applications. The value added course also provides hands on experience to understand concepts of aptitude and to build soft Skills. It will provide adequate theoretical and practical understanding by the expert talk of various topics. It will be conducted in 30 hours.

The course is open for all Engineering students and not available in Curriculum, Everyone must take the benefits of this course. Students need to enrol their name towards the course coordinator before 15-10-2023.

All the students have to participate compulsorily for the same. Attendance will be viewed strictly. All the students are hereby instructed to attend the session and get the maximum benefits.

Mr. Sakthivel B
HOD & Convener

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Department of Information Science and Engineering

Value-added course on Aptitude and Soft skills

BROCHURE

CITY ENGINEERING COLLEGE
(Approved by AICTE New Delhi Affiliated by VTU, Belagavi)
Near Metro Station, Doddakallasandra
Bangalore – 560 062.

Value Added Course on Aptitude and Soft skills

Organized by
"Department of Information science and Engineering"
City Engineering College
Bangalore-560062

Date: 16-10-23 to 20-10-23
Venue : CSE Seminar Hall

www.cityengineeringcollege.ac.in

Chief Patron

Dr. K. R. Paramahamsa
Chairman,
AMC - City Group of Institution,
Bangalore

Patrons

Dr. H S Thippeswamy
Principal, City Engineering college
Bangalore.

Dr. Sowmya Naik
Executive Officer & HOD of Computer Science
Department, CEC

Mr. Sakthivel B
HOD, ISE and Convener , CEC

Coordinators

Mrs .Vani
Assistant Professor
Dept. of ISE, CEC

About College

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a center of talented, experienced teachers who inspire and energize the students to achieve the best.

Mrs. Vani
Course Coordinator

Mr. Sakthivel B
HOD & Convener

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Department of Information Science and Engineering

Value-added course on Aptitude and Soft skills

BROCHURE

About Information Science and Engineering	Expert Speakers for the Program	About Aptitude and soft skills
The Information Science and Engineering Department in City Engineering College serves as a fundamental pillar, providing essential knowledge in fundamental disciples such as advanced java and algorithms. This Department plays critical role in equipping engineering students with the core scientific principles and analytical skills necessary for heir specialized engineering studies. Faculty members in the Information Science Department typically engage in both teaching and research, contributing to advancements in their fields and enhancing the overall academic environment. The department often offers courses that support and complement the various engineering programs, ensuring that students have a strong scientific grounding to solve complex engineering problems effectively.	**Dr. Deepak. I** Assistant Professor Department of MBA City Engineering college. **Mrs. Vanitha** Assistant .Professor Dept. of Basic Science City Engineering College **Mrs .Vani** Assistant Professor Dept. of ISE City Engineering College **Ms. Meghana** Assistant Professor Department of Basic Science City Engineering College	 Soft skills are the attributes and behaviours that describe how a person approaches their tasks. You likely use soft skills across all areas of your life-- communication, critical thinking problem-solving, and interpersonal skills are some examples of soft skills—but they're particularly valued in the workplace. Whether you're giving a presentation at work, delivering a speech at an event, or simply leading a meeting, the ability to communicate effectively is essential. There are many different aspects to public speaking, but some key skills include the ability .

Mrs. Vani
Course Coordinator

Mr. Sakthivel B
HOD & Convener

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Schedule for Value added Course on "Aptitude and Soft Skills" from 16-10-2023 to 20-10-2023							
Date	Session 1 (9:30– 11:00)		Session 2 (11.15 – 12:45)		Session 3 (1:15 – 02:45)		Session 4 (03.00 – 04:30)
16-10-2023	Apply basics concepts and fundamentals for solving the examples.		Apply basics concepts and fundamentals for solving the examples. Conti.		Apply basics concepts and fundamentals for solving the examples. Conti.		Apply basics concepts and fundamentals for solving the examples. Conti.
17-10-2023	Implement logic to solve the example by different ways.		Implement logic to solve the example by different ways. Conti…		Implement logic to solve the example by different ways. Conti….		Implement logic to solve the example by different ways. Conti…
18-10-2023	Use and implement soft skills in their professional life.	Break (11:00 to 11:15)	Number System- Various type of Numbers, Test of Divisibility, Square roots, Cube roots, Squares. (05Hrs)	Lunch Break (12:45 to 1:15)	H.C.F. & L.C.M of numbers, Simplification, Decimal & Fractions, Average	Break (02:45 to 3:00)	Percentage- Concept of Percentage, Results on Population, Results on Depreciation.
19-10-2023	Aptitude Skills- Types of Aptitude skills, Importance of Aptitude Skills,		Active listening, Applying in everyday life, Interpersonal Skills-Building.		relationship, Empathy, Conflict resolution, Leadership Management Skills- Goal		setting & planning, Decision making, delegation, Motivation and inspiration.
20-10-2023	Problem solving and critical thinking- analyzing problems and identify solutions,		creative thinking and brainstorming techniques. Ethics and Professionalism-		Understanding workplace ethics and professionalism, maintaining integrity and honesty,		Respecting diversity and inclusivity

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Department of Information Science and Engineering

Value Added Course Syllabus

One week Value Added Course on 'Aptitude & Soft Skills'

Syllabus   **Duration: 30 Hrs**

Name of programme: Add on Course on 'Aptitude & Soft Skills'

1. Apply basics concepts and fundamentals for solving the examples.

2. Implement logic to solve the example by different ways.

3. Use and implement soft skills in their professional life.

> 1) Number System- Various type of Numbers, Test of Divisibility, Square roots, Cube roots, Squares.
>
> 2) H.C.F. & L.C.M of numbers, Simplification, Decimal & Fractions, Average.
>
> 3) Percentage- Concept of Percentage, Results on Population, Results on Depreciation. (06Hrs)

4) Aptitude Skills- Types of Aptitude skills, Importance of Aptitude Skills, Active listening, Applying in everyday life, Interpersonal Skills-Building relationship, Empathy, Conflict resolution, Leadership Management Skills- Goal   setting & planning, Decision making, delegation, Motivation and inspiration.

5) Problem solving and critical thinking- analyzing problems and identify solutions, creative thinking and brainstorming techniques. Ethics and Professionalism- Understanding workplace ethics and professionalism, maintaining integrity and   honesty, Respecting diversity and inclusivity.

Mrs. Vani   **Mr. Sakthivel B**
Course Coordinator   **HOD & Convener**

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Department of Information Science and Engineering
Value Added Course on 'Aptitude & Soft Skills'
Enrolled Students List

Enrolled Student List		
Sl. No	**USN**	**Name of the Student**
1	1CE21IS001	ABHISHEK K
2	1CE21IS002	AKASH KUMAR
3	1CE21IS003	ANOOP S N
4	1CE21IS004	DARSHAN M
5	1CE21IS005	DHANUSH N S
6	1CE21IS006	GAGAN P
7	1CE21IS007	GOUTHAM S
8	1CE21IS008	KANAKALAKSHMI
9	1CE21IS009	KAVANA U
10	1CE21IS010	MANI BHARATHI S
11	1CE21IS011	NEERUKONDA MARANATHA RAO
12	1CE21IS012	PUNITH KUMAR M S
13	1CE21IS013	RADHIKA S PARAGOND
14	1CE21IS014	RAKSHITHA R
15	1CE21IS015	RAMAPURAM CHETHAN
16	1CE21IS016	SAFRIN FATHIMA
17	1CE21IS017	SAISHA CHAKRAVATHY S
18	1CE21IS018	SATHISH V
19	1CE21IS019	SHIVAKUMAR N
20	1CE21IS020	SPOORTHI B
21	1CE21IS021	THANUJA S
22	1CE21IS400	DHAWAN J
23	1CE22IS401	SHREYA DURGAYYA GOND

Mrs. Vani
Coordinator

Mr. Sakthivel B
HOD, ISE

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Department of Information Science and Engineering
Value Added Course on 'Aptitude & Soft Skills'
Enrolled Students Attendance List

1	1CE21IS001	ABHISHEK K	P	P	P	P	P	Abhishek
2	1CE21IS002	AKASH KUMAR	P	P	P	P	P	Akash
3	1CE21IS003	ANOOP S N	P	P	P	P	P	Anoop
4	1CE21IS004	DARSHAN M	P	P	P	P	P	
5	1CE21IS005	DHANUSH N S	P	P	P	P	P	
6	1CE21IS006	GAGAN P	P	P	P	P	P	Gagan
7	1CE21IS007	GOUTHAM S	P	P	P	P	P	
8	1CE21IS008	KANAKALAKSHMI	P	P	P	P	P	
9	1CE21IS009	KAVANA U	P	P	P	P	P	
10	1CE21IS010	MANI BHARATHI S	P	P	P	P	P	Mani
11	1CE21IS011	NEERUKONDA MARANATHA RAO	P	A	P	P	P	
12	1CE21IS012	PUNITH KUMAR M S	P	P	P	P	P	
13	1CE21IS013	RADHIKA S P	P	P	P	P	P	
14	1CE21IS014	RAKSHITHA R	P	P	A	P	P	
15	1CE21IS015	RAMAPURAM CHETHAN	P	P	P	P	P	
16	1CE21IS016	SAFRIN FATHIMA	P	P	P	A	P	Safrin
17	1CE21IS017	SAISHA CHAKRAVATHI	P	P	P	P	P	Saith
18	1CE21IS018	SATHISH V	P	P	P	P	P	Sathish
19	1CE21IS019	SHIVAKUMAR N	P	P	P	P	P	
20	1CE21IS020	SPOORTHI B	P	P	P	P	P	Spurti
21	1CE21IS021	THANUJA S	P	P	P	P	P	Thanuja
22	1CE21IS400	DHAWAN J	P	P	P	P	P	
23	1CE22IS401	SHREYA D GOND	P	P	P	P	P	
		Course Coordinator						

Mrs. Vani
Coordinator

Mr. Sakthivel B
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Department of Information Science and Engineering

Course Assessment

MCQ Test for Value Added Course on Aptitude and Soft Skills

Course: Aptitude and Soft Skills	Time: 30 Min
Max Marks: 25	Marks Obtained:
Name of Student:	USN:

Note: - All Questions are compulsory. Each Question Carries 1 Mark

1. A produces 120 bolts/40 seconds; B produces 100/20 seconds. If the two run simultaneously, how many seconds will it take for them to produce a total of 200 bolts?

   A.) 22   B). 25   C) .28   D). 32

2. If n = 1 + x, where x is the product of 4 consecutive positive integers, then which of the following is/are true?

   1. n is odd   2. n is prime 3. n is a perfect square

   A) 1 and 3 only   B) 1 and 2 only   C) 1 only   D) None of these

3. The gross income of a person is Rs. 25,000. 20% of his income is exempted from income-tax and the rate of income tax is 5%. His net income is.
   A) 23500   B)24000   C)24500   D)None of these

4. The ratio between S.P and C.P. is 7:5. What is the ratio between profit and C.P.

   A) 2:7   B) 5:2   C) 2:5   D)None of these

5. If x + 2y = 10 and x/y =3 then x =

   A) -2   B) 2   C) 4   D) 6

6. A trader gives a discount of 10% on list price of Rs.50 of certain articles and makes a profit of Rs.25. What is his profit margin?

   A) 100%   B) 125%   C) 150%   D) 120%

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7. P made a profit of 15% by selling an article. Had he bought the articles for Rs.2 less, he would have made a profit of 20%. The cost price of the article is -

    A) 48   B) 50   C) 46   D) 24

8. 300 gm of sugar solution has 40% sugar. How much sugar should be added to make it 50% in the solution?

    A) 55 gm   B) 60 gm   C) 70 gm   D) 40 gm

9. 4 waiters can serve 250 dishes in 8 days by working 5 hours/day. For how many hours/day would 2 waiters have to work to serve 500 dishes in 20 days?

    A) hrs/day   B) 7 hrs/day   C) 8 hrs/day   D) 9 hrs/day

10. Two trains are moving in opposite directions. Their lenghts are 100 m each and they cross each other in 8 seconds. The speed of one train is twice that of other. Find the speed of the faster train.

    A) 75 kmph   B) 60 kmph   C) 50 kmph   D) 30

11. Which of the following is an example of a soft skill?

    a) Coding in Python   b) Problem-solving

    c) Operating heavy machinery   d) Data analysis

12. Which soft skill refers to the ability to convey information effectively and listen actively to others?

    a) Creativity   b) Emotional intelligence

    c) Communication   d) Time management

13. Which soft skill involves the capability to adjust to changing circumstances and embrace new challenges?

    a) Emotional intelligence   b) Adaptability

    c) Leadership   d) Conflict resolution

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14. Which soft skill is crucial for effectively managing and resolving disagreements or disputes?

a) Time management　　　　　　b) Creativity

c) Conflict resolution　　　　　　d) Emotional intelligence

15. How can individuals develop their soft skills?

a) Soft skills cannot be developed or improved.

b) Soft skills are innate and cannot be refined.

c) Soft skills can be developed through training, practice, and real-life experiences.

d) Soft skills are irrelevant in personal development.

16. If a number is increased by 20% and then decreased by 10%, what is the overall percentage change?

a) 8%　　　　　　b) 10%　　　　　　c) 12%　　　　　　d) 15%

17. A train 200 meters long passes a platform 250 meters long in 25 seconds. What is the speed of the train in km/hr?

a) 36　　　　　　b) 48　　　　　　c) 54　　　　　　d) 72

18. The population of a town increases by 10% every year. If the current population is 10000, what was it 2 years ago?

a) 8100　　　　　　b) 9000　　　　　　c) 9100　　　　　　d) 9200

19. A circle is inscribed in a square of side 14 cm. What is the radius of the circle?

a) 7 cm　　　　　　b) 7.5 cm　　　　　　c) 8 cm　　　　　　d) 8.5 cm

20. In an examination, 60% of the students passed and 40% failed. If 240 students passed, how many students appeared for the exam?

a) 320　　　　　　b) 400　　　　　　c) 480　　　　　　d) 600

21. If $x + \frac{1}{x} = 4$,

    what is the value of $x^2 + \frac{1}{x^2}$?

    a) 14   b) 16   c) 18   d) 20

22. A train 180 meters long passes a pole in 15 seconds. What is the speed of the train in km/hr?

    a) 48   b) 60   c) 72   d) 80

23. If the area of a circle is 154 sq cm, what is its circumference (rounded to the nearest integer)?

    a) 39 cm   b) 44 cm   c) 47 cm   d) 50 cm

24. A car covers a distance of 300 km at a certain speed. If the speed is increased by 10 km/hr, it would take 1 hour less to cover the same distance. What is the original speed of the car?

    a) 30 km/hr   b) 40 km/hr   c) 50 km/hr   d) 60 km/hr

25. The length and breadth of a rectangular field are in the ratio 5:3. If the area of the field is 600 sq meters, what is the breadth of the field?

    a) 12 meters   b) 15 meters   c) 18 meters   d)) 20 meters

Mrs. Vani   **Mr. Sakthivel B**

Course Coordinator   **HOD & Convener**

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Department of Information Science and Engineering

Value Added Course on Aptitude and Soft Skills

Evaluation Sheet

S.No	USN	Name of the Student	Marks
1	1CE21IS001	ABHISHEK K	24
2	1CE21IS002	AKASH KUMAR	22
3	1CE21IS003	ANOOP S N	24
4	1CE21IS004	DARSHAN M	21
5	1CE21IS005	DHANUSH N S	22
6	1CE21IS006	GAGAN P	22
7	1CE21IS007	GOUTHAM S	23
8	1CE21IS008	KANAKALAKSHMI	24
9	1CE21IS009	KAVANA U	22
10	1CE21IS010	MANI BHARATHI S	23
11	1CE21IS011	NEERUKONDA MARANATHA RAO	23
12	1CE21IS012	PUNITH KUMAR M S	24
13	1CE21IS013	RADHIKA S PARAGOND	25
14	1CE21IS014	RAKSHITHA R	20
15	1CE21IS015	RAMAPURAM CHETHAN	21
16	1CE21IS016	SAFRIN FATHIMA	19
17	1CE21IS017	SAISHA CHAKRAVATHY S	20
18	1CE21IS018	SATHISH V	21
19	1CE21IS019	SHIVAKUMAR N	22
20	1CE21IS020	SPOORTHI B	21
21	1CE21IS021	THANUJA S	20
22	1CE21IS400	DHAWAN J	24
23	1CE22IS401	SHREYA DURGAYYA GOND	22

Mrs. Vani

Course Coordinator

Mr. Sakthivel B

HOD & Convener

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Value Added Course Feedback form

Name of the Student:

anitapatil@cityengineeringcollege.ac.in Switch account

Not shared

Course Objectives were stated cleanly and met

○ Very Good
○ Good
○ Average
○ Below Average

Classes were interesting and interactive

○ Very Good

○ Good

○ Average

○ Below Average

Give overall rating

○ Very Good

○ Good

○ Average

○ Below Average

The Course content was well organized

○ Very Good

○ Good

○ Average

○ Below Average

the course enhanced by Soft Skill

○ Very Good

○ Good

○ Average

○ Below Average

Submit   Clear form

Department of Information Science and Engineering

Value Added Course on Aptitude and Soft Skills

Academic Year: 2023-2024   **Date: 16-10-2023 to 20-10-2023**

Feedback Analysis

Time stamp	Student Name	Course Objectives were stated clearly and met	The Course content was well organized	The course enhanced you by Soft Skill	Classes were interesting and interactive	Qverall rating
28-10-2023 16:07	NEERUKONDA MARANATHA RAO	5	5	5	5	5
28-10-2023 16:07	ANOOP S N	4	4	4	3	5
28-10-2023 16:08	KAVANA U	4	5	5	5	5
28-10-2023 16:09	SHIVAKUMAR N	5	5	4	5	5
28-10-2023 16:09	DHAWAN J	5	5	5	4	5
28-10-2023 16:10	DHANUSH N S	5	5	5	5	5
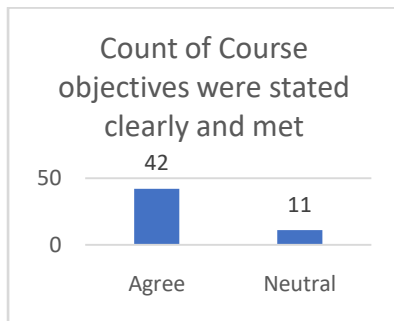
Count of Course objectives were stated clearly and met
Agree: 42
Neutral: 11

Count of The Course content was well organized
Agree: 35
Neutral: 18

Count of Course enhanced my skills
Agree: 28
Neutral: 25

Count of Classes were interesting and interactive
Agree: 34
Neutral: 19

Count of Give overall rating
Average: 5
Excellent: 32
Good: 16

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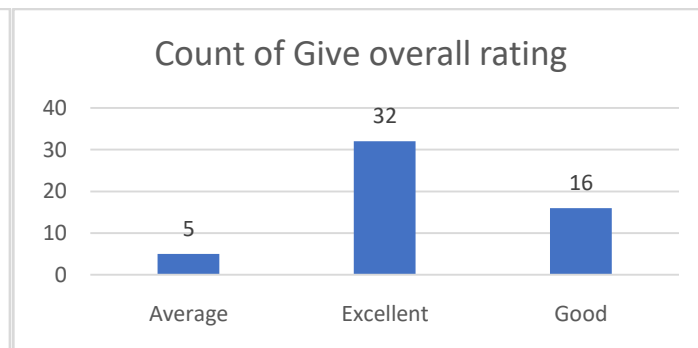ISO 9001:2015

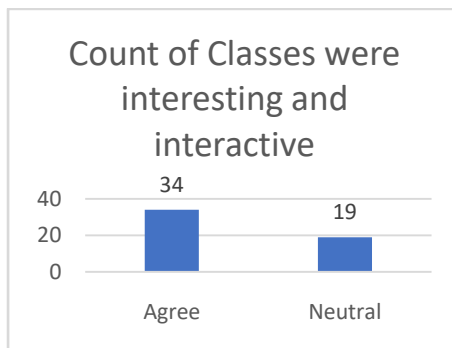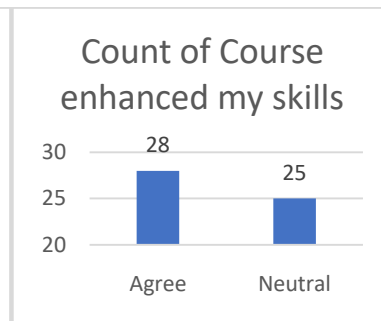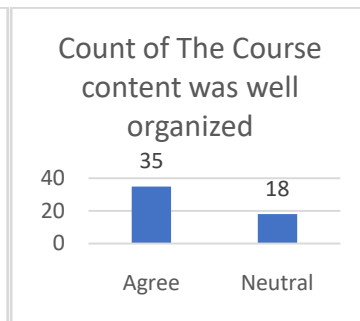## Department of Information Science and Engineering

Value Added Course on Aptitude and Soft Skills

Academic Year: 2023-2024   **Date: 16-10-2023 to 20-10-2023**

Course Outcome

Participants will possess a solid theoretical foundation in Aptitude, principles, enhancing their overall understanding of effective Soft Skills.

1. Participants will demonstrate proficiency in Aptitude and soft skill techniques, incorporating persuasion, influencing skills, and humour effectively.

2. Participants will exhibit increased confidence in soft skill and the ability to adapt to unexpected challenges, fostering resilience in professional Aptitude.

3. Participants will be adept at applying theoretical knowledge in practical scenarios, honing their ability to soft skill effectively in diverse situations.

4. Participants will develop a mindset for continuous improvement, utilizing personalized feedback to refine their Aptitude and soft skills over time.

Mrs. Vani   **Mr. Sakthivel B**

Course Coordinator   **HOD & Convener**

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Department of Information Science and Engineering

Value Added Course on Aptitude and Soft Skills

A Report on Value-Added Course on "Aptitude and Soft Skills"

A five-day Value Added Course on **Aptitude and soft sill and Presentation Skill** was organised by the Department of Information Science and Engineering from 16/10/2023 to 20/10/2023. for Information Science and Engineering students in the Project Laboratory. By **Mrs Vanita S,** Assistant Professor, Department of Basic Science in Mathematics, City Engineering College was the resource person. The event was coordinated by Dr.Sakthivel B, Professor and Head, ISE and Prof. Vani, Assistant Professor, ISE.

Name of Activity Organized	Value added Course
Title of Activity	Aptitude & Soft Skills
Program Co-Coordinator	Prof. Vani
Date of commencement	16/10/2023
Date of Completion	20/10/2023
Place of Activity	CSE Seminar Hall
Course Coordinator and Expert	Prof. Vani and Mrs Vanitha
Summary of the Activity	The Value-added course for the third year students during the Academic Year 2023-24 was successfully organized. The course on 'Aptitude & Soft Skills' was aimed to understand the basics of the 'Aptitude & Soft Skills' and apply basics concepts and fundamentals for solving the examples in competitive examinations for Third students.

Mrs. Vani

Course Coordinator

Mr. Sakthivel B

HOD & Convener

Dr. H N Thippeswamy

Principal

CITY ENGINEERING COLLEGE

DODDAKALASANDRA BANGALORE-560062

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY AWARDED TO :

Spoorthi B

From Department of Information Science and Engineering for participating in the Value Added Course "Aptitude & Soft Skills " during the academic year 2023-24

Head of Department

Principal

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DODDAKALASANDRA BANGALORE-560062

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY AWARDED TO :

SAFRIN FATHIMA

From Department of Information Science and Engineering for participating in the
Value Added Course "Aptitude & Soft Skills " during the academic year 2023-24

Head of Department

Principal

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DODDAKALASANDRA BANGALORE-560062

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY AWARDED TO :

THANUJA S

From Department of Information Science and Engineering for participating in the
Value Added Course "Aptitude & Soft Skills " during the academic year 2023-24

_____
Head of Department

_____
Principal

Department of Computer Science and Engineering

Academic Year 2023-2024

Value Added Course

"ADVANCED ENTREPRENEURSHIP SKILLS"

16/10/2023 to 20/10/2023

CITY ENGINEERING COLLEGE

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_____

Date: 05-10-2023

To

      The Principal
      City Engineering College
      Bangalore

      Sub: Regarding Permission to conduct a Value – Added Course

Respected Sir,

      We would like to conduct a Value-Added Course on "**Advanced Entrepreneurship Skills**" for final year students from 16/10/2023 to 20/10/2023. This course aims to bridge the industry-academia gap by providing content directly aligned with industry needs. By focusing on developing innovative thinking, strategic planning, and effective problem-solving skills, students will be better equipped to launch and manage successful ventures. We kindly request your permission to conduct this course.

Yours Sincerely

Dr. Sowmya Naik P T
HOD
Department of CSE

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CITY ENGINEERING COLLEGE
Kanakapura Main Road, Bangalore-560061

ABOUT COLLEGE

City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.

CHIEF PATRON

Dr. K R Paramahamsa,
Chairman,
AMC-City - Brooklyn Group of institution

PATRONS

Dr. Thippeswamy H N, Principal, CEC

Dr. Jyothi P, Vice Principal , CEC

CONVENER

Dr. Sowmya Naik PT,
HOD CSE & Executive Officer

COORDINATORS

Mrs. Ambika P R,
Assistant Professor,
Department of CSE

Mrs. Laxmi M C,
Assistant Professor,
Department of CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course On

ADVANCED ENTREPRENEURSHIP SKILLS

16th to 20th OCTOBER 2023

Resource Person

Mrs. Ambika P R, Asst.Prof, CSE
PH: 9945133228

CONTACT DETAILS

K Jaideep , Manager, Business Development (Techno Kraft Centre for Learning) .

About The Department

The Department of Computer Science & Engineering was started in the year 2001 is known for imparting Quality education and carrying out cutting edge research. In addition to the UG program, PG CSE program and Research facilities for Ph.D. The department offers undergraduate program and has a comprehensive curriculum on topics related to software and hardware with an emphasis on theoretical and practical learning. It has well equipped, state of the art laboratories supported by highspeed Internet and wireless networks.

About the Course

The "Advanced Entrepreneurship Skills" course is a meticulously designed value-added program aimed at bridging the significant gap between industry requirements and academic curricula. Tailored specifically for final year students, this course provides a robust foundation in entrepreneurial skills that are essential for the modern business landscape. By focusing on the development of innovative thinking, strategic planning, and effective problem-solving abilities, this program ensures that students are well-prepared to navigate the complexities of launching and managing successful ventures.

Course Outcomes

- Enhanced Entrepreneurial Mindset
- Comprehensive Business Planning
- Effective Marketing and Sales Strategies
- Financial Acumen
- Leadership and Strategic Growth

About Resource Person

K. Jaideep is a professional with over 7 years of experience in various fields, including elearning, business, personality development, entrepreneurship, and digital marketing. He is proficient in English, Kannada, Telugu, and Hindi, and has experience as an Aptitude Trainer since 2015. Jaideep has also worked as a freelance SME consultant, skill trainer, and facilitator. He has received awards for his expertise and has a Bachelor of Engineering in Electronics and Communication from Vellore Institute of Technology.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref. No: CEC/CSE/C-1/1.2.1/ACY2023-24/OR/05   Date: 12/10/2023

CIRCULAR

Sub: Conducting a Value-added course on **Advanced Entrepreneurship Skills**

This is to inform all the concerned that a 5day value added course on **Advanced Entrepreneurship Skills** by K Jaideep, Manager, Business Development (Techno Kraft Centre for Learning) has been organized for final year students from 16/10/2023 to 20/10/2023. All the students have to participate compulsorily for the same. Attendance will be viewed strictly. All the students are hereby instructed to attend the session and get the maximum benefits.

Dr. Sowmya Naik P T
HOD
Department of CSE

CITY ENGINEERING COLLEGE

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Doddakallasandra, Off Kanakapura Main Road,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON ADVANCED ENTREPRENEURSHIP SKILLS

Schedule

Date	Session 1 (9.15 -11.15)	Session 2 (11:30-1:30)	Session 3 (2:00 -4:00)
16/10/2023	Overview of Entrepreneurship: Definitions and Historical Context, Evolution in Contemporary Business Landscapes	The Entrepreneurial Mindset: Essential Qualities and Attitudes	Ideation and Opportunity Recognition: Techniques to Generate Business Ideas Case Studies of Notable Entrepreneurial Successes
17/10/2023	Introduction to Business Models and Their Applications, Creating a Business Model Canvas	Strategic Planning: SWOT Analysis and Strategic Decision-Making	Setting SMART Goals for Entrepreneurial Ventures
18/10/2023	Fundamental Marketing Concepts for Startups Market Segmentation and Targeting Strategies	Developing a Comprehensive Marketing Plan, Positioning Techniques	Digital Marketing and Social Media Strategies Sales Techniques and Customer Acquisition Strategies
19/10/2023	Financial Planning and Budgeting for Startups Financial Projections	Funding Options: Bootstrapping, Angel Investment, and Venture Capital	Legal Considerations: Business Structures and Intellectual Property Protection Regulatory Compliance
20/10/2023	Traits of Successful Entrepreneurial Leaders Cultivating Leadership Skills	Scaling Strategies: Managing Growth Challenges and Identifying Opportunities	Exit Strategies and Succession Planning Ensuring Long-Term Sustainability

Mrs. Ambika P R
Coordinator

Dr. Sowmya Naik P T
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE SYLLABUS

Course Name: Advanced Entrepreneurship Skills   **Duration: 30 hours**

Course Objectives:

- Understanding Entrepreneurship: Gain a deep understanding of entrepreneurship principles, including its definitions, historical evolution, and contemporary relevance in global economies.
- Ideation and Opportunity Recognition: Develop skills to generate innovative business ideas, assess market opportunities, and identify viable niches for entrepreneurial ventures.
- Business Planning and Strategy: Learn to create comprehensive business plans, develop effective business models, and strategize for sustainable growth and competitive advantage.
- Marketing and Sales Mastery: Acquire knowledge and practical skills in marketing strategies, digital marketing techniques, and sales methodologies essential for startup success.
- Financial Management: Understand financial planning, budgeting, and financial analysis for startups, including funding options and investment strategies.

Course content:

Module 1: Introduction to Entrepreneurship(6)

The first Module begins with an overview of entrepreneurship, exploring its definitions, historical context, and evolution in contemporary business landscapes. Students delve into the entrepreneurial mindset, focusing on essential qualities and attitudes necessary for success in entrepreneurial ventures. Practical sessions involve ideation and opportunity recognition, where students learn techniques to generate business ideas, assess market needs, and identify viable opportunities through case studies of notable entrepreneurial successes.

Module 2: Business Planning and Strategy (6)

Module two shifts focus to business planning and strategic development. Students learn about various business models and their applications, with a detailed exploration of creating a business model canvas tailored to startup contexts. Strategic planning sessions cover SWOT analysis, strategic decision-making processes, and setting SMART goals essential for guiding entrepreneurial ventures towards sustainable growth and success.

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Module 3: Marketing and Sales (6)

The third Module concentrates on marketing strategies crucial for startup success. Students gain insights into fundamental marketing concepts and their roles in entrepreneurial ventures. Practical workshops guide students through developing comprehensive marketing plans, including market segmentation, targeting strategies, and effective positioning techniques. Additionally, sessions on digital marketing and social media strategies equip students with tools to leverage digital platforms for brand visibility and customer engagement. Sales techniques and customer acquisition strategies are also explored, emphasizing building and managing customer relationships critical for startup growth.

Module 4: Financial Management and Legal Considerations (6)

Financial management takes center stage on Module four, covering essential topics such as financial planning, budgeting, and financial projections tailored to startup finances. Students explore various funding options available to startups, including bootstrapping, angel investment, and venture capital, understanding their implications and strategic applications. Legal considerations in entrepreneurship are also addressed, covering business structures, intellectual property protection, and compliance with regulatory frameworks essential for ensuring legal and ethical business operations.

Module 5: Entrepreneurial Leadership and Growth Strategies(6)

The final Module focuses on entrepreneurial leadership and strategies for sustainable growth. Students delve into the traits of successful entrepreneurial leaders, learning how to cultivate leadership skills necessary for guiding teams and fostering innovation within startup environments. Sessions on scaling strategies provide insights into managing growth challenges, identifying opportunities, and devising effective scaling plans. Discussions on exit strategies and succession planning equip students with knowledge on managing transitions and ensuring long term sustainability for entrepreneurial ventures.

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Coordinator   **HOD**

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Department of Computer Science and Engineering

Value Added Course "Advanced Entrepreneurship Skills"

Resource Person Profile

K. Jaideep is a professional with over 7 years of experience in a broad range of areas including e-learning development, business, personality development, entrepreneurship, and digital marketing. He has a strong background in quantitative aptitude, logical reasoning, soft skills, and technical training. Jaideep is proficient in English, Kannada, Telugu, and Hindi, with an exceptional command of English and Kannada.

His expertise includes a deep knowledge of general math, reasoning, and quantitative ability, with strong analytical and problem-solving skills. Jaideep's communication and presentation skills are excellent, and he has a demonstrated ability to follow and deliver instructions effectively.

Jaideep has worked as an Aptitude Trainer since 2015, preparing students for various tests, conducting personality development training, and providing weekend sessions for parttime students. He has also served as a Freelance SME consultant, skill trainer, and facilitator, working with organizations to develop CSR proposals and supporting the hiring and training of sales teams. In addition, he has experience in business development, managing teams, and identifying new business opportunities.

Jaideep's achievements include nominations for "Best Trainer of the Year," publication of an article on the Indian Job market, and participation in Microsoft's Student Partner program and National Skill Development programs. He holds a Bachelor of Engineering in Electronics and Communication from Vellore Institute of Technology.

In his personal time, Jaideep enjoys reading books, fostering animals, and singing.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value added course on Advanced Entrepreneurship Skills

List of Students Enrolled

SLNO	USN	Name	SLNO	USN	Name
1	1CE19CS036	IMRAN KHAN N	28	1CE20CS030	DIVYASHREE S
2	1CE20CS001	ABHAY	29	1CE20CS031	DR MOHAN KUMAR
3	1CE20CS002	ABHINAV KUMAR SINGH	30	1CE20CS032	FOUZIA I
4	1CE20CS003	ABHISHEK VATS	31	1CE20CS033	GANESH
5	1CE20CS004	ADARSH MISHRA S	32	1CE20CS034	GIRIJA NARAYAN HEGDE
6	1CE20CS005	ADITHI B	33	1CE20CS035	GOWTHAM S V
7	1CE20CS006	AFNAN AHMED	34	1CE20CS036	HALEEMA SULTANA
8	1CE20CS007	AISHWARYA	35	1CE20CS037	IRAM SHAIKH
9	1CE20CS008	AJAY ANUPAM	36	1CE20CS038	JUDAH A
10	1CE20CS009	AMIR ANJUM	37	1CE20CS039	JYOTHI JR SAHANI
11	1CE20CS010	AMULYA Y R	38	1CE20CS040	K G DHANYA JOGI
12	1CE20CS011	ANAND M	39	1CE20CS041	KASIBA AFFRIEN
13	1CE20CS012	ANANYA B C	40	1CE20CS042	KAUSHIK M R
14	1CE20CS013	ANANYA BHAGAVAN	41	1CE20CS043	KEERTHANA L
15	1CE20CS014	ANURADHA SHARMA	42	1CE20CS044	KRUPASHREE G
16	1CE20CS015	ANUSHREE B S	43	1CE20CS045	KUMARASW AMY P
17	1CE20CS016	ARAVIND V	44	1CE20CS046	LIKITHA R
18	1CE20CS017	ASTHA	45	1CE20CS047	M R ADHITHI
19	1CE20CS018	B DHANALAKSHMI BAI	46	1CE20CS048	MANASA P
20	1CE20CS019	BENITTA HATHSIYAL X	47	1CE20CS049	MOHAMMED MOIN KADRI
21	1CE20CS021	BHARGAVI N PRAKASH	48	1CE20CS050	MOHAMMED TAUHEED PASHA
22	1CE20CS024	DANIYA KHANUM	49	1CE20CS051	MONIKA G
23	1CE20CS025	DEEKSHA R GOWDA	50	1CE20CS052	N ARSHIYA ALMAS
24	1CE20CS026	DEEPAK KUMAR R	51	1CE20CS053	NAMRATA PALAKI
25	1CE20CS027	DEEPASHREE N	52	1CE20CS054	NAVEEN KV
26	1CE20CS028	DEEPTHI S	53	1CE20CS055	NIMMI SAGAR
27	1CE20CS029	DHANUSH KUMAR D	54	1CE20CS056	OMKAR KUNDANGAR

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SLNO	USN	Name	SLNO	USN	Name
55	1CE20CS057	POOJA S	73	1CE20CS077	SYED NAWAZ
56	1CE20CS058	PRANAM K R	74	1CE20CS078	TARIQ ANJUM
57	1CE20CS059	PULKIT YADAV	75	1CE20CS079	TARUN V
58	1CE20CS060	PUSHKAR	76	1CE20CS080	TEJAS B R
59	1CE20CS061	R A RAAJESH	77	1CE20CS081	TEJAS J KUMAR
60	1CE20CS062	RAVI KUMAR	78	1CE20CS082	UMME HANI M A
61	1CE20CS063	RAVIPRAKASHA	79	1CE20CS083	V MANOJ KUMAR
62	1CE20CS065	SAMANA R	80	1CE20CS084	VAISHNAVI K
63	1CE20CS066	SAMIR YOUSUFF KHAN	81	1CE20CS085	VENUGOPAL D
64	1CE20CS068	SHOBA H N	82	1CE20CS086	VISHWA V
65	1CE20CS069	SNEHA S	83	1CE20CS087	VIVEK GAUTAM
66	1CE20CS070	SONAM VISHWAKRAM	84	1CE20CS088	YARUB BABA
67	1CE20CS071	SPOORTHI M G	85	1CE20CS089	YASHASHREE R
68	1CE20CS072	SUBHENDU SAGAR	86	1CE20CS090	YASHASWINI R P
69	1CE20CS073	SUBRAMANI M	87	1CE20CS091	SUJAY V
70	1CE20CS074	SULAIMAN KHAN			
71	1CE20CS075	SWATI SATEESHKUMAR KUDRAGI			
72	1CE20CS076	SYED HOUZAIFA			

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Department of Computer Science and Engineering
Value Added Course "Advanced Entrepreneurship Skills"
Student Attendance List

SL NO	USN	Name	16/10/2023	17/10/2023	18/10/2023	19/10/2023	20/10/2023
1	1CE19CS036	IMRAN KHAN N					
2	1CE20CS001	ABHAY					
3	1CE20CS002	ABHINAV KUMAR SINGH					
4	1CE20CS003	ABHISHEK VATS					
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33	1CE20CS035	GOWTHAM S V					
34	1CE20CS036	HALEEMA SULTANA					

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35	1CE20CS037	IRAM SHAIKH	Iram	Iram	Iram	Iram	Iram
36	1CE20CS038	JUDAH A	JUDAH	JUDAH	JUDAH	JUDAH	JUDAH
37	1CE20CS039	JYOTHI JR SAHANI	JR	JR	JR	JR	JR
38	1CE20CS040	K G DHANYA JOGI	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
39	1CE20CS041	KASIBA AFFRIEN	Kasiba	Kasiba	Kasiba	Kasiba	Kasiba
40	1CE20CS042	KAUSHIK M R	MR	MR	MR	MR	MR
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42	1CE20CS044	KRUPASHREE G	Krupa	Krupa	krupa	krupa	krupa
43	1CE20CS045	KUMARASW AMY P	KP	KP	KP	KP	KP
44	1CE20CS046	LIKITHA R	LR	LR	LR	LR	LR
45	1CE20CS047	M R ADHITHI	Adhithi	Adhithi	Adhithi	Adhithi	Adhithi
46	1CE20CS048	MANASA P	Manasa	Manasa	Manasa	Manasa	Manasa
47	1CE20CS049	MOHAMMED MOIN KADRI	MM	MM	MM	MM	MM
48	1CE20CS050	MOHAMMED TAUHEED PASHA	MPT	MPT	MPT	MPT	MPT
49	1CE20CS051	MONIKA G	Monica	Monica	Monica	Monica	Monica
50	1CE20CS052	N ARSHIYA ALMAS	Arshiya	Arshiya	Arshiya	Arshiya	Arshiya
51	1CE20CS053	NAMRATA PALAKI	Nam	Nam	nam	Nam	Nam
52	1CE20CS054	NAVEEN KV	Naveen	Naveen	Naveen	Naveen	Naveen
53	1CE20CS055	NIMMI SAGAR	nimi	nimi	nimi	nimi	nimi
54	1CE20CS056	OMKAR KUNDANGAR	omka	omka	omka	omka	omka
55	1CE20CS057	POOJA S	Pooja	Poja	Pooja	Pooja	Pooja
56	1CE20CS058	PRANAM K R	Pranam	Pranam	Pranam	Pranam	Pranam
57	1CE20CS059	PULKIT YADAV	Pul	Pul	pulk	Pulk	Pull
58	1CE20CS060	PUSHKAR	Push	Pus	Push	Push	Push
59	1CE20CS061	R A RAAJESH	raajesh	jaajesh	jaajesh	jaajesh	jaajesh
60	1CE20CS062	RAVI KUMAR	Ravi	Ravi	Ravi	Ravi	Ravi
61	1CE20CS063	RAVIPRAKASHA	RP	RP	RP	RP	RP
62	1CE20CS065	SAMANA R	Samana	Samana	Samana	Samana	Samana
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65	1CE20CS069	SNEHA S	SS	SS	SS	SS	SS
66	1CE20CS070	SONAM VISHWAKRAM	S	S	S	S	S
67	1CE20CS071	SPOORTHI M G	Sp	Sp	Sp	Sp	Sp
68	1CE20CS072	SUBHENDU SAGAR	Shu	Shu	Shu	Shu	Shu
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72	1CE20CS076	SYED HOUZAIFA	Syed	Syed	Syed	Syed	Syed
73	1CE20CS077	SYED NAWAZ	Sm	Sm	Sm	Sm	Sm
74	1CE20CS078	TARIQ ANJUM	Tariq	Tariq	Tariq	Tariq	Tariq
75	1CE20CS079	TARUN V	TV	TV	TV	TV	TV
76	1CE20CS080	TEJAS B R	Tejas	Tejas	Tejas	Tejas	Tejas
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78	1CE20CS082	UMME HANI M A	Umme	Umme	Umme	Umme	Umme
79	1CE20CS083	V MANOJ KUMAR	Man	Man	Man	Man	Man

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81	1CE20CS085	VENUGOPAL D	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal
82	1CE20CS086	VISHWA V	vishwa	viswa	viswa	viswa	viswa
83	1CE20CS087	VIVEK GAUTAM	vivek	vivek	vivek	vivek	vivek
84	1CE20CS088	YARUB BABA	Tarub	Tarub	Tarub	Tarub	Tarub
85	1CE20CS089	YASHASHREE R	Yashashree	Yashashree	Yashashree	Yashashree	Yashashree
86	1CE20CS090	YASHASWINI R P					
87	1CE20CS091	SUJAY V	Sujay	Sujay	Sujay	Sujay	Sujay.

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Department of Computer Science and Engineering

Academic Year: 2023-2024   **Date: 16/10/2023 to 20/10/2023**

Value Added Course on Advanced Entrepreneurship Skills

<u>ASSESMENT QUESTIONS</u>

1. What is the primary focus of entrepreneurship?
   A. Employment
   B. Opportunity recognition
   C. Cost reduction
   D. Technology development

2. Which of the following is a key quality of an entrepreneurial mindset?
   A. Risk aversion
   B. Resilience
   C. Complacency
   D. Conformity

3. Which historical figure is often credited with pioneering the concept of entrepreneurship?
   A. Henry Ford
   B. Richard Cantillon
   C. Steve Jobs
   D. Warren Buffet

4. What technique is commonly used for generating business ideas?
   A. Brainstorming
   B. Benchmarking
   C. Outsourcing
   D. Offshoring

5. Which of the following best describes opportunity recognition?
   A. Identifying market gaps
   B. Improving existing products
   C. Reducing costs
   D. Expanding into new regions
6. What is a business model canvas used for?
   A. Financial forecasting
   B. Structuring business ideas
   C. Marketing strategy
   D. Legal compliance

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7. In a SWOT analysis, what does "T" stand for?
   A. Trends
   B. Techniques
   C. Targets
   D. Threats

8. Which of the following is an example of a SMART goal?
   A. Increase sales
   B. Increase sales by 20% in the next quarter
   C. Improve customer service
   D. Expand to new markets

9. Strategic planning involves:
   A. Daytoday operations
   B. Routine task management
   C. Longterm goal setting
   D. Immediate problemsolving

10. What does the "W" in SWOT analysis represent?
    A. Wants
    B. Weaknesses
    C. Workload
    D. Wealth

11. Market segmentation involves:
    A. Increasing production capacity
    B. Dividing the market into distinct groups
    C. Reducing marketing costs
    D. Merging with competitors

12. Which is a digital marketing strategy?
    A. Print advertising
    B. Billboards
    C. Social media campaigns
    D. Direct mail

13. Effective positioning requires:
    A. High pricing
    B. Clear differentiation
    C. Cost leadership
    D. Brand uniformity

14. The primary goal of sales techniques is:

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A. Reducing inventory
B. Acquiring customers
C. Cutting costs
D. Expanding product lines

15. What is a key component of customer relationship management (CRM)?
    A. Product development
    B. Customer data analysis
    C. Financial planning
    D. Legal compliance

16. Which funding option involves raising capital from personal savings and revenues?
    A. Bootstrapping
    B. Angel investment
    C. Venture capital
    D. Crowdfunding

17. Financial projections typically include:
    A. Marketing plans
    B. Business models
    C. Revenue forecasts
    D. Legal documents

18. A business's budget is primarily used for:
    A. Marketing strategies
    B. Financial planning
    C. Team building
    D. Product innovation

19. What does intellectual property protection cover?
    A. Patents and trademarks
    B. Marketing strategies
    C. Employee contracts
    D. Financial statements

20. Compliance with regulatory frameworks ensures:
    A. Increased sales
    B. Legal business operations
    C. Lower taxes
    D. Improved marketing

21. Which trait is crucial for entrepreneurial leadership?

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A. Pessimism
B. Vision
C. Rigidity
D. Passivity

22. Scaling strategies are important for:
    A. Managing growth challenges
    B. Reducing operational costs
    C. Enhancing product features
    D. Improving team morale

23. An exit strategy involves:
    A. Hiring new employees
    B. Planning for business transition
    C. Launching new products
    D. Expanding marketing efforts

24. Successful entrepreneurial leaders typically:
    A. Avoid risks
    B. Inspire their teams
    C. Focus only on profits
    D. Delegate all responsibilities

25. Succession planning ensures:
    A. Longterm business sustainability
    B. Immediate profit maximization
    C. Shortterm goal achievement
    D. Cost reduction

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Co-Ordinator   **HOD**

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Assessment Marks

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1	1CE19CS036	IMRAN KHAN N	20
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30	1CE20CS032	FOUZIA I	18
31	1CE20CS033	GANESH	14
32	1CE20CS034	GIRIJA NARAYAN HEGDE	20
33	1CE20CS035	GOWTHAM S V	21
34	1CE20CS036	HALEEMA SULTANA	22
35	1CE20CS037	IRAM SHAIKH	18

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36	1CE20CS038	JUDAH A	24
37	1CE20CS039	JYOTHI JR SAHANI	22
38	1CE20CS040	K G DHANYA JOGI	24
39	1CE20CS041	KASIBA AFFRIEN	21
40	1CE20CS042	KAUSHIK M R	16
41	1CE20CS043	KEERTHANA L	15
42	1CE20CS044	KRUPASHREE G	18
43	1CE20CS045	KUMARASW AMY P	20
44	1CE20CS046	LIKITHA R	21
45	1CE20CS047	M R ADHITHI	23
46	1CE20CS048	MANASA P	18
47	1CE20CS049	MOHAMMED MOIN KADRI	17
48	1CE20CS050	MOHAMMED TAUHEED PASHA	16
49	1CE20CS051	MONIKA G	21
50	1CE20CS052	N ARSHIYA ALMAS	24
51	1CE20CS053	NAMRATA PALAKI	22
52	1CE20CS054	NAVEEN KV	21
53	1CE20CS055	NIMMI SAGAR	16
54	1CE20CS056	OMKAR KUNDANGAR	15
55	1CE20CS057	POOJA S	18
56	1CE20CS058	PRANAM K R	28
57	1CE20CS059	PULKIT YADAV	25
58	1CE20CS060	PUSHKAR	24
59	1CE20CS061	R A RAAJESH	18
60	1CE20CS062	RAVI KUMAR	20
61	1CE20CS063	RAVIPRAKASHA	17
62	1CE20CS065	SAMANA R	16
63	1CE20CS066	SAMIR YOUSUFF KHAN	15
64	1CE20CS068	SHOBA H N	18
65	1CE20CS069	SNEHA S	21
66	1CE20CS070	SONAM VISHWAKRAM	22
67	1CE20CS071	SPOORTHI M G	20
68	1CE20CS072	SUBHENDU SAGAR	19
69	1CE20CS073	SUBRAMANI M	18
70	1CE20CS074	SULAIMAN KHAN	16
71	1CE20CS075	SWATI SATEESHKUMAR KUDRAGI	22
72	1CE20CS076	SYED HOUZAIFA	18
73	1CE20CS077	SYED NAWAZ	20
74	1CE20CS078	TARIQ ANJUM	17
75	1CE20CS079	TARUN V	16

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76	1CE20CS080	TEJAS B R	15
77	1CE20CS081	TEJAS J KUMAR	18
78	1CE20CS082	UMME HANI M A	21
79	1CE20CS083	V MANOJ KUMAR	22
80	1CE20CS084	VAISHNAVI K	20
81	1CE20CS085	VENUGOPAL D	19
82	1CE20CS086	VISHWA V	18
83	1CE20CS087	VIVEK GAUTAM	16
84	1CE20CS088	YARUB BABA	22
85	1CE20CS089	YASHASHREE R	18
86	1CE20CS090	YASHASWINI R P	25
87	1CE20CS091	SUJAY V	25

Mrs Ambika P R
Coordinator

Dr. Sowmya Naik P T
HOD

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Department of Computer Science and Engineering

Academic Year: 2023-2024   Date: 16/10/2023 to 20/10/2023

Value Added Course on Advanced Entrepreneurship Skills
Student Feedback Analysis

Sample Feedback

Timestamp	Name of the Participant	Course objectives were stated clearly and met	The Course content was well organized	Course enhanced my skills	Classes were interesting and interactive	Give overall rating
1020202416:30:19	ASTHA	Agree	Neutral	Agree	Agree	Good
1020202416:30:36	Deepthi S	Agree	Agree	Agree	Agree	Excellent
1020202416:31:07	Pushkar	Agree	Neutral	Neutral	Agree	Good
1020202416:31:08	Sneha S	Neutral	Agree	Neutral	Agree	Good
1020202416:31:09	Anand M	Agree	Agree	Agree	Agree	Good
1020202416:31:10	Tariq Anjum	Agree	Agree	Agree	Neutral	Excellent
1020202416:31:12	Sameer Yusuf Khan	Neutral	Neutral	Agree	Agree	Good
1020202416:32:07	Aravind V	Neutral	Neutral	Agree	Agree	Excellent
1020202416:32:08	BHARGAVI N PRAKASH	Agree	Agree	Agree	Neutral	Good
1020202416:32:10	DANIYA KHANUM	Agree	Agree	Neutral	Neutral	Good
1020202416:32:30	LIKITHA R	Agree	Agree	Agree	Agree	Good
1020202416:32:34	M R ADHITHI	Agree	Agree	Agree	Agree	Excellent
1020202416:32:36	MANASA P	Agree	Agree	Neutral	Agree	Good
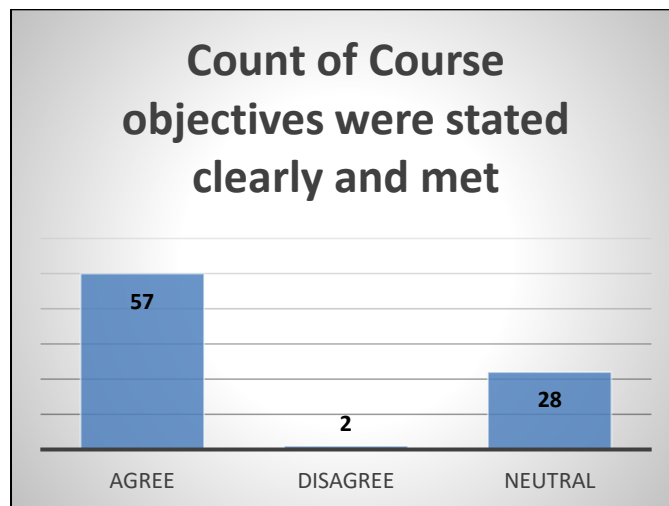
Count of Course objectives were stated clearly and met
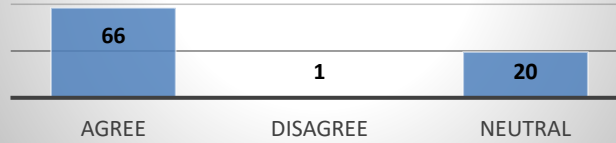
AGREE: 57
DISAGREE: 2
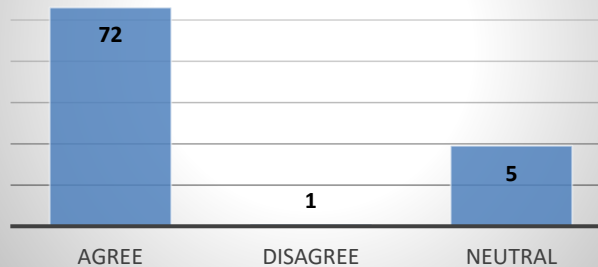NEUTRAL: 28

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Count of The Course content was well organized

	AGREE	DISAGREE	NEUTRAL
	66	1	20

Count of Course enhanced my skills

	AGREE	DISAGREE	NEUTRAL
	72	1	5

Count of Classes were interesting and interactive

	AGREE	DISAGREE	NEUTRAL
	68	4	15
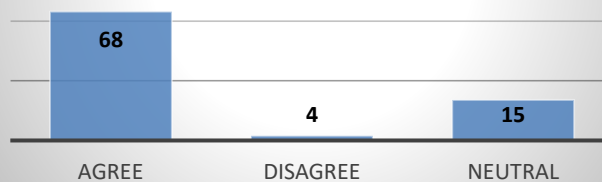
FIG 1: STUDENT FEEDBACK ANALYSIS

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Course Outcomes:

1. Entrepreneurial Proficiency: Demonstrate a solid understanding of entrepreneurship concepts and their application in realworld business environments.

2. Innovative Thinking: Ability to generate and evaluate business ideas, leveraging creative thinking and market analysis to identify promising opportunities.

3. Strategic Business Development: Competence in developing and refining business plans, applying strategic frameworks to achieve business objectives and adapt to market changes.

4. Effective Marketing and Sales Execution: Capability to implement targeted marketing campaigns, utilize digital platforms effectively, and employ persuasive sales techniques to acquire and retain customers.

5. Financial Acumen: Proficiency in financial management practices, including budgeting, financial forecasting, and investment strategies crucial for startup viability and growth.

    Mrs Ambika P R   **Dr. Sowmya Naik P T**
    Coordinator   **HOD**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE

A five-day Value-Added Course on **Advanced Entrepreneurship Skills** was organized by the Department of Computer Science and Engineering from 16th to 20th October 2023 for Computer Science and Engineering students in the seminar hall by K Jaideep, Manager, Business Development (Techno Kraft Centre for Learning).

Day 1:

The event began with a formal inaugural function. **Dr. Thippeswamy H N, Principal CEC and HOD of CSE** were present during the inauguration. The program began by seeking the blessings of Almighty with invocation and lighting of lamp. Principal advised the students to utilize the benefits of the course completely. **Dr. Sowmya Naik P T** welcomed the resource person and gave a course overview. Later the session was handed over to the speaker.

Introduction to Entrepreneurship

The course began with an overview of entrepreneurship, exploring its historical evolution and defining characteristics. Students engaged in discussions to understand the entrepreneurial mindset and the essential qualities needed for startup success. Practical exercises focused on ideation and opportunity recognition, where students generated business ideas and evaluated market opportunities through case studies of successful ventures.

Day 2: Business Planning and Strategy

Day two emphasized business planning and strategic development. Students delved into creating effective business models tailored to startup contexts, learning to use tools like the business model canvas. Strategic planning sessions involved SWOT analysis and goalsetting exercises to align entrepreneurial visions with practical business strategies, ensuring clarity and direction for future ventures.

Day 3: Marketing and Sales

These sessions equipped students with persuasive selling techniques and customer acquisition strategies crucial for gaining traction in competitive markets.

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Day 4: Financial Management and Legal Considerations

Financial management took center stage on day four, covering topics such as financial planning, budgeting, and funding options available to startups. Practical exercises included creating financial projections and understanding the implications of different funding sources like angel investors and venture capital. Legal sessions addressed business structures, intellectual property rights, and compliance with regulatory frameworks, ensuring students understood the legal landscape of entrepreneurship.

FIG 2: EXPERT INSIGHT

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Day 5: Leadership and Growth Strategies

The final day focused on leadership development and growth strategies for startups. Students learned about effective leadership traits and team management skills necessary for fostering innovation and creating a positive organizational culture. Discussions on scaling strategies and exit planning provided insights into managing growth challenges and preparing for future expansion or transition phases in entrepreneurial journeys.

Throughout the course, students participated in interactive sessions, case studies, and practical exercises designed to simulate real world entrepreneurial scenarios. By the end of the program, participants had gained comprehensive knowledge and practical skills essential for launching and managing successful startups in dynamic business environments.

FIG 3: STUDENTS IN SESSION

Mrs. Ambika P R   **Dr. Sowmya Naik P T**   **Dr. H N Thippeswamy**
Coordinator   **HOD**   **PRINCIPAL**

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Kanakapura Main Road, Bangalore-560061

CITY ENGINEERING COLLEGE

CERTIFICATE

OF PARTICIPATION

The following award is given to

GOWTHAM S V

From the Department of Computer Science and Engineering for particiaption in the course on "Advanced Entrepreneurship Skills "under Value Added course during the period 16th to 20th October 2023

Head of Department

Principal

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OF PARTICIPATION

The following award is given to

ADARSH MISHRA S

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Head of Department

Principal

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The following award is given to

B DHANALAKSHMI BAI

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Head of Department

Principal

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The following award is given to

SAMANA R

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Head of Department

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VIVEK GOUTAM

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