

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi

Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



SMVITM

Program Name: Certificate Course on Introduction to Design Thinking

Date From: 01/06/2022

To: 25/06/2022

Participants list

S. No.	Name	USN	Signature
1	Anshuman	4MW20ME003	Anshuman
2	Chandan Nelli M K	4MW18ME004	Chandan
3	Chetan A Naik	4MW19ME002	Chetan
4	K Ambruthesh	4MW19ME004	K Ambruthesh
5	K N Shreesha Achar	4MW20ME004	K N Shreesha Achar
6	Kiran	4MW19ME005	Kiran
7	Likith	4MW19ME006	Likith
8	Mohammed Athiq	4MW20ME007	Mohammed Athiq
9	Mohammed Ridan	4MW19ME009	Mohammed Ridan
10	N.Gautham Bhat	4MW19ME010	N.Gautham Bhat
11	Nikhil Kumar Moolya	4MW19ME011	Nikhil Kumar Moolya
12	Prashanth	4MW19ME013	Prashanth
13	Prathik	4MW20ME400	Prathik
14	Prathviraj	4MW20ME401	Prathviraj
15	Punith R	4MW19ME026	Punith R
16	Rathan Patkar	4MW19ME015	Rathan Patkar
17	Rohan U Palan	4MW20ME008	Rohan U Palan
18	Sathwik.S	4MW19ME017	Sathwik.S
19	Sayed Mohammed Hussain	4MW19ME018	Sayed Mohammed Hussain
20	Shabarish R Poojary	4MW19ME019	Shabarish R Poojary
21	Sharath Kumar.S	4MW20ME402	Sharath Kumar.S
22	Sharon Eden Menezes	4MW19ME020	Sharon Eden Menezes
23	Sheshagiri Pai	4MW20ME403	Sheshagiri Pai
24	Subramanya S Poojary	4MW19ME021	Subramanya S Poojary
25	Sudeep Dhondya	4MW19ME022	Sudeep Dhondya
26	Vighnesh Udupa	4MW19ME024	Vighnesh Udupa
27	Vikram	4MW20ME012	Vikram
28	Welton Aslam Dsouza	4MW19ME025	Welton Aslam Dsouza

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

Certificate course on Introduction to Design Thinking

Course Code: MW22DT

Year of Introduction: 2021-22

Course Faculty: Dr. Sudarshan Rao K, Dean (QA) and Professor, Department of Mechanical Engineering, SMVITM Bantakal.

Department: Mechanical Engineering

Course Duration: 32 Hours (4 Week) – 1 to 25 June 2022

Mode of Lecture delivery: Blended mode (both offline and online mode)

Offline class: First class (Introduction to Design thinking) - Wednesday, 1 June 2022 (3.00 pm to 4.30 pm) and DT workshop- Saturday, 25 June 2022 (9.00 am to 4.00 pm with 15 min break in the morning and afternoon session and 30 minutes lunch break)

Online class: Every week Wednesday, Thursday and Friday 8.00 pm to 9.30 pm

Target audience: IV and VI semester Mechanical Engineering students

Unit	Course Content	Mode of delivery	No. of Hours
Unit 1 (Week1) 1 to 3 June	Design Thinking Background Introduction to the course, Invention, Innovation, Need of innovation, History of Design Thinking, Definition of Design Thinking, Difference between Product Design and Design Thinking, Design Thinking Mindset	Offline/ Online	6.5
Unit 2 (Week2) 8 to 10 June	Design Thinking Process Empathize, Define, Ideate, Prototype, Test	Online	4.5
Unit 3 (Week3) 15 to 17 June	Design Thinking Tools Visualization, Journey mapping, Mind mapping, Prototyping, Storytelling, Value chain analysis, Assumption testing, Rapid concept development, Co-creation	Online	4.5
Unit 4 (Week4) 22 to 24 June	Application of Design Thinking Application of design thinking in healthcare, education, product development, sports, Human Resource, advertising and marketing, automobile, IT industry	Online	4.5
Unit 5 (Saturday, 4 th Week) 25 June	Design Thinking workshop In the workshop, learners are formed into groups and activities will be conducted for each phase of design thinking	Offline	6

Course Outcome

CO No.	At the end of the course, learner will be able to	Bloom's Level
CO1	Explain theory and practice in design thinking	L2
CO2	Apply various design thinking tools for problem solving	L3

CO3	Explain the application of design thinking techniques	L2
CO4	Develop and present design ideas through different design thinking tools and techniques	L4

Assessment details:

S. No.	Assessment method	Unit	Assessing	Maximum Marks	Minimum Marks
1	Online quiz (<i>Best 4 out of 6 quizzes of 10 marks each</i>) Quiz 1- 2 June 2022 Quiz 2- 3 May 2022 Quiz 3- 9 June 2022 Quiz 4- 10 June 2022 Quiz 5- 16 June 2022 Quiz 6- 17 June 2022	Quiz 1&2 Unit 1 Quiz 3 & 4 Unit 2 Quiz 5 &6 Unit 3	Individual	40	20
2	Case study presentation 24 June 2022	Unit 4	Group of 4 members	20	10
3	DT workshop activities (<i>Individual 20 marks, Group 20 marks</i>) 25 June 2022	Unit 5	Individual and Group of 4 members	40	20
Total				100	50

Attendance requirement: Minimum 90% attendance

Teachmint tool for class management and live quiz and interaction

Google meet for online class and

Google form for online quiz

Teachmint enrolment link:

<https://www.teachmint.com/enroll/4293216316/6229bcdcc4f543e11a6e8159>


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S. No.	Name	USN	Quiz 1	Quiz 2	Quiz 3	Quiz 4	Quiz 5	Quiz 6	Total (Best 4)	Case Study	Individual Activity	Group Activity	Total (100)	Attendance Percentage
1	Anshuman	4MW20ME003	5	5	9	9	9	9	36	20	18	18	92	100
2	CHANDAN NELLI M K	4MW18ME004	0	0	0	0	10	7	17	18	17	20	72	95
3	Chetan A Naik	4MW19ME002	9	7	8	7	8	9	34	18	17	18	87	95
4	K Ambruthesh	4mw19me004	9	6	9	7	10	7	35	17	17	17	86	100
5	K N Shreesha Achar	4MW20ME004	7	7	8	0	6	9	31	19	18	18	86	100
6	Kiran	4MW19ME005	5	6	9	7	10	7	33	17	18	19	87	100
7	Likith	4MW19ME006	9	8	8	8	9	7	34	17	19	19	89	100
8	Mohammed Athiq	4mw20me007	7	8	7	6	8	9	32	18	17	17	84	90
9	Mohammed Ridan	4MW19ME009	9	0	8	7	10	7	34	19	18	17	88	95
10	N. Gautham Bhat	4MW19ME010	5	7	8	0	0	10	30	20	19	19	88	90
11	Nikhil Kumar Moolya	4MW19ME011	4	7	9	7	9	6	32	17	17	17	83	100
12	Prashanth	4mw19me013	6	0	9	7	4	8	30	17	17	18	82	85
13	Prathik	4MW20ME400	9	8	9	7	10	8	36	18	19	18	91	100
14	Prathviraj	4mw20me401	9	0	9	7	9	6	34	18	19	18	89	100
15	Punith R	4MW19ME026	9	7	9	7	8	7	33	17	18	18	86	90
16	RATHAN PATKAR	4MW19ME015	8	8	9	7	10	7	35	18	19	19	91	100
17	Rohan U Palan	4MW20ME008	7	7	7	3	6	9	30	17	18	17	82	100
18	Sathwik.S	4mw19me017	8	9	7	7	10	8	35	17	18	19	89	100
19	Sayed Mohammed Hussain	4MW19ME018	9	9	8	0	8	10	36	16	18	18	88	100
20	Shabarish R Poojary	4MW19ME019	9	7	9	7	10	7	35	17	19	19	90	100
21	Sharath kumar.s	4MW20ME402	9	8	9	7	10	7	36	17	16	17	86	100
22	sharon eden menezes	4MW19ME020	9	8	0	8	7	9	34	13	16	16	79	80
23	Sheshagiri Pai	4MW20ME403	9	8	9	7	10	8	36	18	19	19	92	100
24	Subramanya s poojary	4mw19me021	9	0	8	7	10	6	34	17	16	16	83	90
25	Sudeep Dhondya	4MW19ME022	9	7	6	7	8	7	31	16	17	18	82	95
26	Vighnesh udupa	4mw19me024	9	8	0	7	8	0	32	16	17	17	82	85
27	Vikram	4MW20ME012	10	8	6	5	6	9	33	17	18	18	86	100
28	Welton Aslam d souza	4mw19me025	6	6	9	5	5	8	29	13	17	16	75	90

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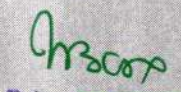
COURSE
CERTIFICATE

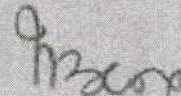


SMVITM

This is to certify that Mr. Anshuman has
successfully completed thirty two hours course on "Introduction to
Design Thinking" organized by the Internal Quality Assurance Cell of the
college during June 2022 with the consolidated score of 92%.


Dr. Sudarshan Rao K
Professor & Dean (QA)
Course Faculty


Principal
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Dr. Thirumaleshwara Bhat
Principal,
SMVITM Bantakal

Certificate ID: MW22DT101