



S J P N Trust's

**Hirasugar Institute of Technology, Nidasoshi**

Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi

Recognized under 2(f) &amp; 12B of UGC Act, 1956

Accredited at 'A' Grade by NAAC &amp; Programmes Accredited by NBA: CSE &amp; ECE

Mech. Engg. Dept.

Academics

Activities

AY:2022-23(Even)

**Activity Report****Activity: Class Room Presentation of Scrum Teams on "IDT Assignment"**

Date-Time & Venue:	Venue: @ II Sem 'B' div. Class Room Conducted on: 18 <sup>th</sup> Aug. 2023, 11:10am to 12:05pm & 22 <sup>nd</sup> Aug. 2023, 2:00pm to 5:00pm				
Evaluator & Event Coordinator	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mech. Engg. Dept				
Targeted Participants	Class: II Sem 'B' division (CSE) Students				
Objectives:	<ol style="list-style-type: none"> <li>1. To learn, apply and practice steps &amp; methods for design thinking</li> <li>2. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects.</li> <li>3. To realize the basic concepts of innovative ideas and methods to conversion in to a product.</li> <li>4. To understand and application of the design thinking process and its relevant tools.</li> <li>5. To understand relevancy and innovations for nation development</li> <li>6. To model the business by understanding the market</li> </ol>				
Outcomes:	<ol style="list-style-type: none"> <li>1. Steps &amp; methods for design thinking</li> <li>2. Design thinking process in the scenario of technological aspects</li> <li>3. Basic concepts of innovative ideas and methods to conversion in to a product.</li> <li>4. Design Thinking tools and applications</li> <li>5. Relevancy and innovations for nation development</li> <li>6. Modelling of business</li> </ol>				
No. of Participants	33 Students				
Mapped POs ,Weight-age assigned & %age of attainment : PO (Weight-age)	PO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment	
	PO1	3	87.5	2.62	
	PO2	3	87.0	2.61	
	PO3	3	86.0	2.40	
	PO4	3	87.5	2.62	
	PO6	3	87.5	2.62	
	PO7	3	87.5	2.62	
	PO8	3	87.5	2.62	
	PO9	3	86.0	2.40	
	PO10	3	86.0	2.40	
	PO11	3	87.0	2.61	
	PO12	3	86.0	2.58	



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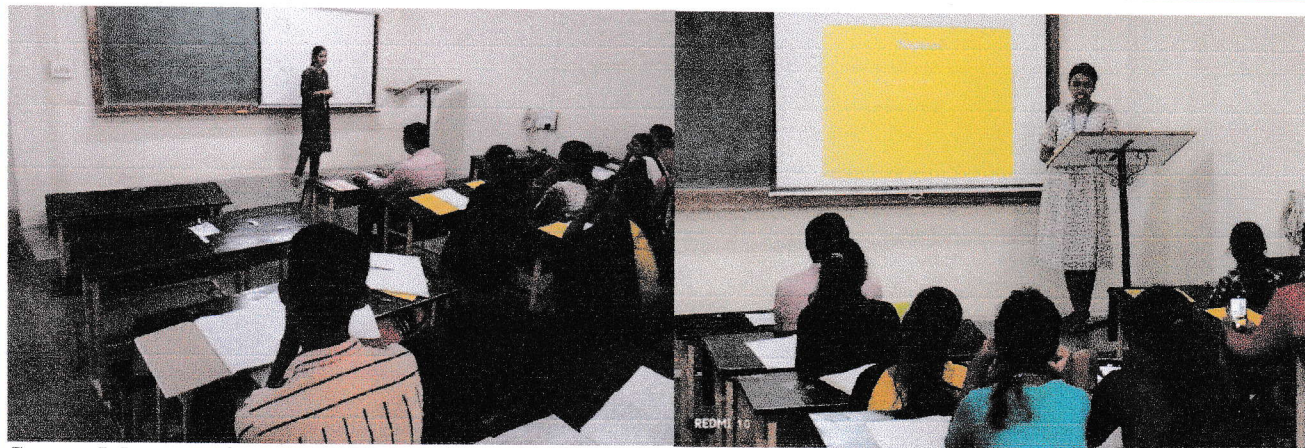
Mech. Engg. Dept.

Academics

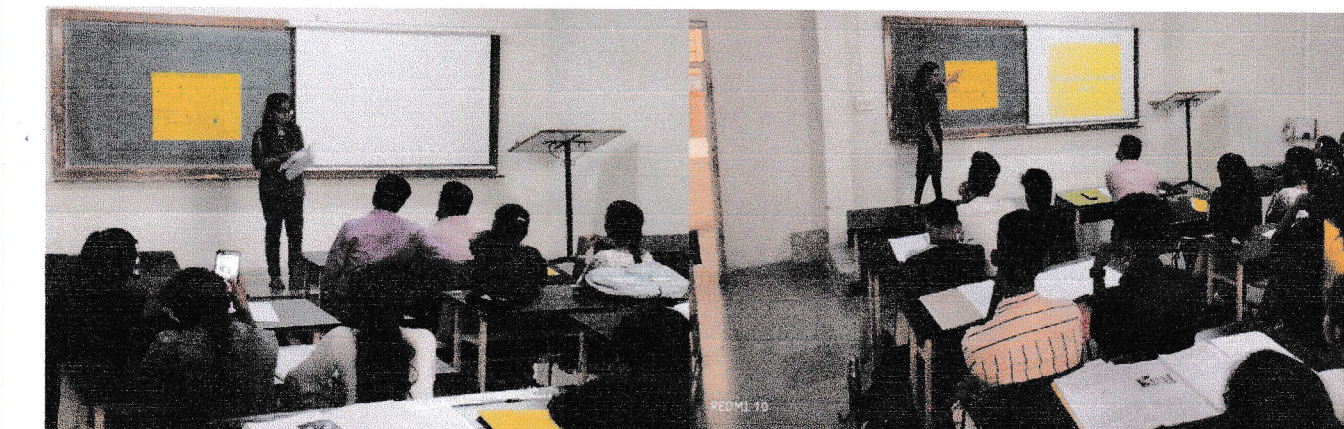
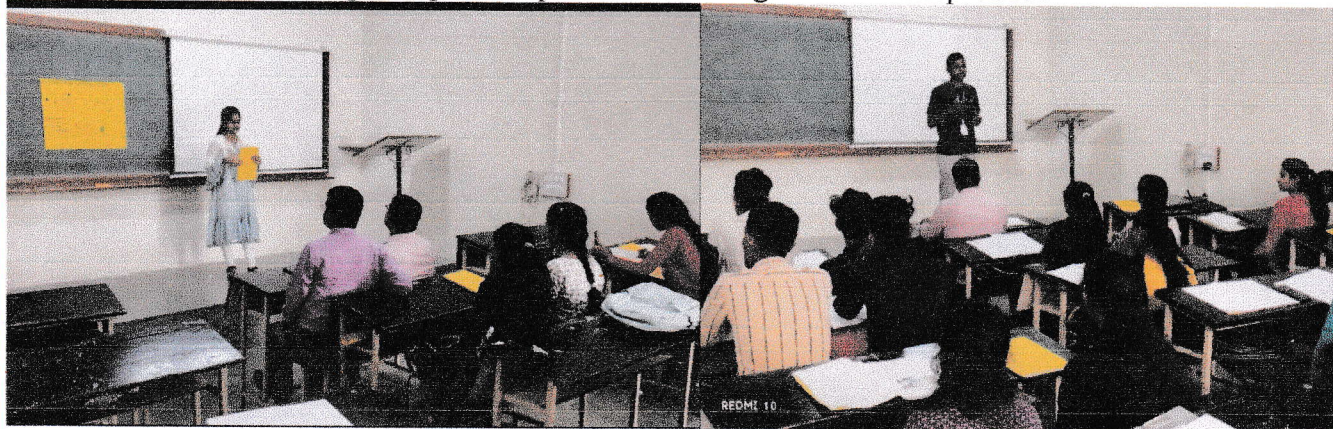
Activities

AY:2022-23(Even)

### Photo Gallery

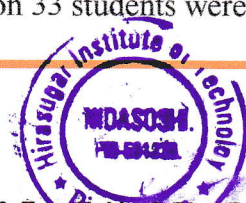


Scrum Master Miss. Sanjana Umesh Kashid, Miss. Suman Dundappa Mavinakatti and Mr. Shivakumar M. Tambad presenting their Assignment Model/Product on "Smart Village", "Learning Apps for Rural/Tribal Students" and "Mindset" on 18<sup>th</sup> & 22<sup>nd</sup> August 2023. All II sem 'B' division 33 students were present as participants to present their assignment model/product.



Scrum Team Members presenting their Assignment Model/Product on "Movable CT Scan Machine and Online Treatment", "Kids Toys & Learning Systems" and "Online Selling of Grocery Items" on 18<sup>th</sup> & 22<sup>nd</sup> August 2023. All II sem 'B' division 33 students were present as participants to present their assignment model/product.

Dr. S. N. Topannavar  
Course & Event Coordinators



Dr. K. B. Manawade  
I-Year Coordinator  
CO-ORDINATOR

Nidasoshi-591 236, Tal. Hukkeri, Dist. Belagavi, Karnataka  
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Activities

AY:2022-23

**Activity Brochure****Activity: Class Room Presentation of Scrum Team on "IDT Assignment"**

Date-Time & Venue:	18 <sup>th</sup> August 2023,11:10am to 1:15pm @ II Sem B division Class Room																																																							
Evaluator	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mech. Engg. Dept																																																							
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Event Designer	Dr. S. N. Topannavar, IACC-BOSCH and Professor & Head, Mech. Engg. Dept																																																							
Event Coordinator/s	Dr. S. N. Topannavar																																																							
Objectives:	<div>1. To learn, apply and practice steps &amp; methods for design thinking</div> <div>2. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects.</div> <div>3. To realize the basic concepts of innovative ideas and methods to conversion in to a product.</div> <div>4. To understand and application of the design thinking process and its relevant tools.</div> <div>5. To understand relevancy and innovations for nation development</div> <div>6. To model the business by understanding the market</div>																																																							
Evaluation Rubrics	Scrum meetings & Outcomes (Max.2.5 marks)	Innovative Ideas Generated & Implementations (Max.2.5 marks)	Presentation Skills (Max.2.5 marks)	Question & Answer (Max.2.5 marks)	Total (Max.10 marks)																																																			
Program Outcomes & Program Specific Outcomes (POs and PSOs) Mapping Weightage (Low as1-High as 3):	<table><tr><th colspan="3">Programme Outcome Mapping</th></tr><tr><th>PO</th><th>Particular</th><th>Weight -age</th></tr><tr><td>01</td><td>Engineering knowledge</td><td>3</td></tr><tr><td>02</td><td>Problem analysis</td><td>3</td></tr><tr><td>03</td><td>Design/development of solutions</td><td>3</td></tr><tr><td>04</td><td>Conduct investigations of complex problems</td><td>3</td></tr><tr><td>06</td><td>The engineer and society</td><td>3</td></tr><tr><td>07</td><td>Environment and sustainability</td><td>3</td></tr><tr><td>08</td><td>Ethics</td><td>3</td></tr><tr><td>09</td><td>Individual and team work</td><td>3</td></tr><tr><td>10</td><td>Communication</td><td>3</td></tr><tr><td>11</td><td>Project management and finance</td><td>3</td></tr><tr><td>12</td><td>Lifelong learning</td><td>3</td></tr><tr><th colspan="3">PSO Mapping</th></tr><tr><td>01</td><td>MED-PSO:01</td><td>3</td></tr><tr><td>02</td><td>MED-PSO:02</td><td>3</td></tr><tr><td>03</td><td>MED-PSO:03</td><td>3</td></tr></table>					Programme Outcome Mapping			PO	Particular	Weight -age	01	Engineering knowledge	3	02	Problem analysis	3	03	Design/development of solutions	3	04	Conduct investigations of complex problems	3	06	The engineer and society	3	07	Environment and sustainability	3	08	Ethics	3	09	Individual and team work	3	10	Communication	3	11	Project management and finance	3	12	Lifelong learning	3	PSO Mapping			01	MED-PSO:01	3	02	MED-PSO:02	3	03	MED-PSO:03	3
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Dr. S. N. Topannavar  
Course & Event Coordinators

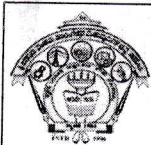
Dr. K. B. Manawade  
I-Year Coordinator  
**CO-ORDINATOR**

Copy Circulated to II Sem 'B' division students in the class and displayed on the N/Bs

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Assignment

AY:2022-23 (Even)

**SCRUM TEAM & ACTIVITY BASED ASSIGNMENT**

Sem: I B (CSE) div.

Sub: Innovation &amp; Design Thinking

Sub code: BIDTK258

Last date to submit: 05/08/2023

Course Coordinator: Dr.S.N.Topannavar

Max Marks: 15

**Instructions:**

- Answer **All allotted** questions (Refer Allocation Table) and each question carries **05 marks**.
- Scrum Team of size maximum 11 members will be formed based on the roll nos.
- Scrum Master/Product Owner and Team shall conduct design thinking meetings on the assigned Product/Process/Project/Topic etc.
- Each member of the team has to write agenda and outcome of the meeting in the yellow booklet
- Outcome of each question shall be Innovative product/process/model/thing etc.
- Assignment outcome/s has to be presented by the scrum team for evaluation as a "Continuous Comprehensive Assessment" (CCA) for 10 marks in the class on scheduled date
- The Schedule/Brochure & Evaluation Rubrics for "Class Room Presentation" will be notified separately

No.	Description of Question	CO/s	RBTL
1	Design and Develop following innovative products with the help of all 5 steps and methodologies of design thinking and also study the influence of culture while designing and developing. Explain the global market strategies and extension for the following product. A-1.1 Multi-purpose Bicycle and Smart Toys for Kids A-1.2 Competitive and affordable smart Electronic Gadget and Farmer friendly Smart Agro equipment/process A-1.3 Affordable smart medical/health care and remedial system A-1.4 Any innovative Product other than above A-1.1 to A-1.3	C128.1 & C128.2	L4
2	Model the following business (BPM) by design thinking with the help of Agile and waterfall methods and collaborations: A-2.1 Online selling of grocery items A-2.2 Application software for bank Accounts, Security and Facilities A-2.3 Farmer friendly digital agriculture and Learning Apps for Rural/Tribal Students A-2.4 Any innovative business other than above A-2.1 to A-2.3	C128.3 & C128.4	L4
3	Apply the design thinking for the following strategic innovations: A-3.1 Movable CT Scan Machine and Online Treatment A-3.2 Kids Toys and Learning Systems A-3.3 Smart House & Village A-3.4 Any strategic innovation other than above A-3.1 to A-3.3	C128.3 & C128.4	L4

**Table: Scrum Team/s and Allocation of Assignment:**

Scrum Team: Roll No.	Assignment Nos.	Product Owner/Scrum Master/s & Contact No.	Signature
T1: 1-11	A-1.1/ A-1.4, A-2.1/ A-2.4 & A-3.1/ A-3.4	Sanjara Kashid 8431069790	
T2: 12-22	A-1.2/ A-1.4, A-2.2/ A-2.4 & A-3.2/ A-3.4	Suman Mavinakatti 8147835289	
T3: 23 onwards	A-1.3/ A-1.4, A-2.3/ A-2.4 & A-3.3/ A-3.4	Ujwal Walead 9986276511	

Course Coordinator  
(Dr.S.N.Topannavar)

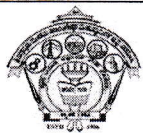
Module Coordinator

HOD  
(Dr.S.N.Topannavar)

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**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**





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AY:2022-23

**Attendance Sheet****Activity: Class Room Presentation of Scrum Teams on "IDT Assignment"**

Date-Time & Venue:	Venue: @ II Sem 'B' div. Class Room Conducted on: 18 <sup>th</sup> Aug. 2023, 11:10am to 12:05pm & 22 <sup>nd</sup> Aug. 2023, 2:00pm to 5:00pm
Resource Person, Event Designer, Event Coordinators	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mech. Engg. Dept

**Class: II Sem 'B' Division (CSE Students)**

R.No.	USN	Name of Students	Signature
1	2HN22CS061	SANDHYA KIRAN DESAI	Sandhya Desai
2	2HN22CS062	SANIYA ANNASAB GHATAGE	Saniya Ghatage
3	2HN22CS063	SANJANA UMESH KASHID	Sanjana Kashid
4	2HN22CS064	SANTOSH L. BAMBALWADI	Santosh Bambalwadi
5	2HN22CS065	SEEMA SUNIL PATIL	Seema Patil
6	2HN22CS066	SHARAT NAIK	Sharat Naik
7	2HN22CS067	SHIVAKUMAR MAHADEV TAMBADI	Shivakumar Tambadi
8	2HN22CS068	SHIVANAND RAMESH HANDE	Shivanand Hande
9	2HN22CS069	SHREYA MALLIKARJUN KAJAGAR	Shreya Kajagar
10	2HN22CS070	SHRIDHAR SANJAY KAMBLE	Shridhar Kamble
11	2HN22CS071	SHUBHAM ANIL ARBOLE	Shubham Arbole
12	2HN22CS072	SHUBHAM MAHAVEER SHIRAGAVE	Shubham Shiragave
13	2HN22CS073	SIDDHANT BAHUBALI KUSANALE	Siddhant Kusanale
14	2HN22CS074	SNEHA MAHADEV GURAV	Sneha Gurav
15	2HN22CS075	SOUMYA SHIVANAND MUDDAPPAGOL	Soumya Muddappagol
16	2HN22CS076	SUDESH CHANDRAKANT KUDACHE	Sudesh Kudache
17	2HN22CS077	SUMAN DUNDAPPA MAVINAKATTI	Suman Mavinakatti
18	2HN22CS078	SUPREETA MALLAYYA MATHAD	Supreeta Mathad
19	2HN22CS079	SUSHMA SANJAY BHARAMADE	Sushma Bharamade
20	2HN22CS080	SUSHMITA RAJENDRA SHIRANAGI	Sushmita Shiranagi
21	2HN22CS081	SWATI RAJKUMAR CHOUGALA	Swati Chougala
22	2HN22CS082	SWATI RAMADEV SANDIMANI	Swati Sandimani
23	2HN22CS083	TEJASWINI RUDRAGOUDA PATIL	Tejaswini Patil
24	2HN22CS084	THANUJA SURESH BANTANUR	Thanuja Bantanur
25	2HN22CS085	UDAY R. DONI	Uday Doni
26	2HN22CS086	UJWAL S. WARAD	Ujwal Warad
27	2HN22CS087	VAISHNAVI G. GADKARI	Vaishnavi Gadkari
28	2HN22CS088	VAISHNAVI MAGADUM	Vaishnavi Magadum
29	2HN22CS089	VARAD RAJU JUJARE	Varad Jujare
30	2HN22CS090	VARAD VINAYAK SURE	Varad Sure
31	2HN22CS091	VEERBHADRA BASAPPA KALLOLLI	Veerbhadra Kallolli
32	2HN22CS092	VIJAY RAMESH JADHAV	Vijay Jadhav
33	2HN22CS093	VISHAL SURESH PATIL	Vishal Patil

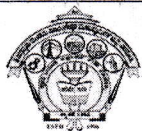
Dr. S. N. Topannavar  
IACC-BOSCH, Course & Event Coordinator

Prof.D.N.Inamdar & Dr.M.M.Shivasimpi  
AIMSS Coordinators

Dr. K. B. Manawade  
I-Year Coordinator

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AY:2022-23

**Evaluation Sheet****Activity: Class Room Presentation of Scrum Teams on "IDT Assignment"**

Evaluator &amp; Event Coordinator

Dr. S. N. Topannavar, BOSCH-IACC, IDT Course Coordinator and  
Professor & Head, Mech. Engg. Dept

Class: II Sem 'B' division,

Venue: @ II Sem 'B' div. Class Room

Conducted on: 18<sup>th</sup> Aug. 2023, 11:10am to 12:05pm & 22<sup>nd</sup> Aug. 2023, 2:00pm to 5:00pm

R.No.	Name of Student	USN	Scrum meetings & Outcomes (Max.2.5 marks)	Innovative Ideas Generated & Implementations (Max.2.5 marks)	Presentation Skills (Max.2.5 marks)	Question & Answer (Max.2.5 marks)	Total (Max.10 marks)	Signature
1	SANDHYA KIRAN DESAI	2HN22CS061	2.5	2.5	2.5	1.5	08	[Signature]
2	SANIYA ANNASAB GHATAGE (T1*)	2HN22CS062	2.5	2.5	1.0	1.0	07	[Signature]
3	SANJANA UMESH KASHID (T1*)	2HN22CS063	2.5	2.5	2.5	2.5	10	[Signature]
4	SANTOSH L. BAMBALWDI	2HN22CS064	2.5	2.5	1.5	1.5	08	[Signature]
5	SEEMA SUNIL PATIL	2HN22CS065	2.5	2.5	0.5	0.5	06	[Signature]
6	SHARAT NAIK	2HN22CS066	2.5	2.5	0.5	0.5	06	[Signature]
7	SHIVAKUMAR MAHADEV TAMBADI	2HN22CS067	2.5	2.5	2.5	2.5	10	[Signature]
8	SHIVANAND RAMESH HANDE	2HN22CS068	2.5	2.5	1.0	1.0	07	[Signature]
9	SHREYA MALLIKARJUN KAJAGAR	2HN22CS069	2.5	2.5	0.5	0.5	06	[Signature]
10	SHRIDHAR SANJAY KAMBLE	2HN22CS070	2.5	2.5	1.0	1.0	07	[Signature]
11	SHUBHAM ANIL ARBOLE	2HN22CS071	2.5	2.5	1.0	1.0	07	[Signature]
12	SHUBHAM MAHAVEER SHIRAGAVE	2HN22CS072	2.5	2.5	0.5	0.5	06	[Signature]
13	SIDDHANT BAHUBALI KUSANALE	2HN22CS073	2.5	2.5	1.0	1.0	07	[Signature]
14	SNEHA MAHADEV GURAV	2HN22CS074	2.5	2.5	1.5	1.5	08	[Signature]
15	SOUMYA SHIVANAND MUDDAPPAGOL	2HN22CS075	2.5	2.5	1.0	1.0	07	[Signature]
16	SUDESH CHANDRAKANT KUDACHE	2HN22CS076	2.5	2.5	0.5	0.5	06	[Signature]
17	SUMAN DUNDAPPA MAVINAKATTI (T2*)	2HN22CS077	2.5	2.5	2.5	2.5	10	[Signature]
18	SUPREETA MALLAYYA MATHAD	2HN22CS078	2.5	2.5	1.5	1.5	08	[Signature]
19	SUSHMA SANJAY BHARAMADE	2HN22CS079	2.5	2.5	1.5	1.5	08	[Signature]
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25	UDAY R. DONI	2HN22CS085	2.5	2.5	0.5	0.5	06	[Signature]
26	UJWAL S. WARAD (T3*)	2HN22CS086	2.5	2.5	2.5	2.5	10	[Signature]
27	VAISHNAVI G. GADKARI	2HN22CS087	2.5	2.5	1.5	1.5	08	[Signature]
28	VAISHNAVI MAGADUM	2HN22CS088	2.5	2.5	1.0	1.0	07	[Signature]
29	VARAD RAJU JUJARE	2HN22CS089	2.5	2.5	1.0	1.0	07	[Signature]
30	VARAD VINAYAK SURE	2HN22CS090	2.5	2.5	1.0	1.0	07	[Signature]
31	VEERBHADRA BASAPPA KALLOLI	2HN22CS091	2.5	2.5	1.0	1.0	07	[Signature]
32	VIJAY RAMESH JADHAV	2HN22CS092	2.5	2.5	0.5	0.5	06	[Signature]
33	VISHAL SURESH PATIL	2HN22CS093	2.5	2.5	0.5	0.5	06	[Signature]

(Tx\*)=Scrum master of Team x=1,2 &amp;3

Dr. S. N. Topannavar  
Course & Event Coordinators

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