



## Activity Report

S.No.	Title of the information	Information in brief				
1	Identified Gap No/s.:	03				
2	Activity Type:	Mini-Project Exhibition				
3	Activity/Event Organizer/s or Coordinator/s:	Prof. D. N. Inamdar, Assistant Professor, MED,HIT, Nidasoshi Dr. M .M. Shivashimpi, Associate Professor, MED,HIT, Nidasoshi Prof. Mahantesh Tanodi, Assistant Professor, MED,HIT, Nidasoshi				
4	Title of the Activity/Event:	Mini-Project Exhibition-2022				
5	Time:	10.30 AM to 02.00 AM				
	Date:	07-07- 2022				
6	Venue:	Workshop Corridor				
7	Objectives:	1. To provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either as Industry Defined Problem or User Defined Problem and provide an opportunity for the students to demonstrate their learning experience. 2. To encourage students to think critically, solve challenging problems, and develop skills such as oral communication, public speaking, research, teamwork, planning etc. 3. Promoting interest in Science and Technology among younger generation.				
8	Activity Outcomes:	PO1: Engineering knowledge-1 PO2: Problem analysis-1 PO3 :Design/development of solutions-1 PO4: Conduct investigations of complex problems-1 PO5: Modern tool usage-1 PO6: The engineer and society-1 PO7: Environment and sustainability-1 PO8: Ethics-1 PO9: Individual and team work-1 PO10: Communication-1 PO11: Project management and finance-1 PO12: Life-long learning-1 PSO1 - 1, PSO2 – 1 and PSO3 - 1				
9	Details of Jury Members with contact details:	1. Mr. Praveenkumar Tanodi, Senior Manager, Quest Global Bangalore 2. Prof. Sunilkumar Kattimani, HOD, Mechanical Engineering Department, SJPN Trust's Polytechnic, Nidasoshi				
10	Finance Management:	Expenses incurred by the Department Association AIMSS				
11	No. of participants	Students: Boys : 22 & Girls :02				
12	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	1	98.8	0.988	
		PO2	1	98.8	0.988	
		PO3	1	98.8	0.988	





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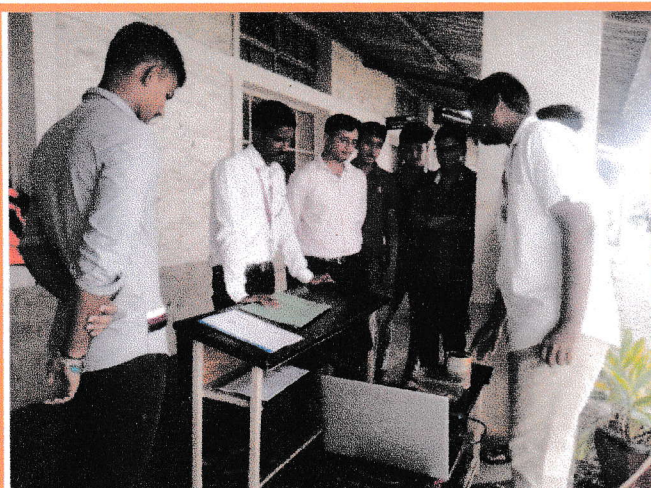
Mech. Engg. Dept.

AIMSS

Activity Report

AY:2021-22

		PO4	1	98.8	0.988
		PO5	1	98.8	0.988
		PO6	1	98.8	0.988
		PO7	1	98.8	0.988
		PO8	1	98.8	0.988
		PO9	1	98.8	0.988
		PO10	1	98.8	0.988
		PO11	1	98.8	0.988
		PO12	1	98.8	0.988
13	Mapped PSOs, Weight-age assigned & %age of attainment : PSO (Weight-age)	PSO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment
		PSO1	1	98.8	0.988
		PSO2	1	98.8	0.988
		PSO3	1	98.8	0.988
14	Outcomes achieved/Impact analysis:	<p>1. The activity mapped with PO1, PO2, PO3, PO4, PO5, PO6 PO7, PO8, PO9, PO10, PO11 &amp; PO12 was found satisfactory with attainment level of 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988 and 0.988 against the Mapped values during the impact analysis.</p> <p>2. The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment level of 0.988, 0.988 &amp; 0.988 against the Mapped value during the impact analysis.</p>			

**Photo Gallery**

Mr. Praveenkumar Tanodi, Senior Manager, Quest Global Bangalore and Prof. Sunilkumar Kattimani, HOD, Mechanical Engineering Department, SJPN Trust's Polytechnic, Nidasoshi are interacting and evaluating the student project during Mini-Project Exhibition-2022 held on 7<sup>th</sup> July 2022.



Mr. Praveenkumar Tanodi, Senior Manager, Quest Global Bangalore and Prof. Sunilkumar Kattimani, HOD, Mechanical Engineering Department, SJPN Trust's Polytechnic, Nidasoshi are distributing certificates to prize winners during Mini-Project Exhibition-2022 held on 7<sup>th</sup> July 2022.

Mr. Vivekanand Kambi  
AIMSS Secretary

Dr. M. M. Shivashimpi & Prof. D. N. Inamdar  
AIMSS-Coordinator/s

Dr. S. N. Topannavar  
HOD

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





## Activity Brochure

### Activity: “Mini-Project Exhibition-2022”

Date-Time & Venue:	7 <sup>th</sup> July 2022 at 10.30 AM		
Jury Member	1. Mr. Praveenkumar Tanodi, Senior Engineer, Quest Global Bangalore 2. Prof. Sunilkumar S. Kattimani, HOD, Mechanical Engineering Department, SJPN Trust's Polytechnic, Nidasoshi		
Organized by	Department Association (AIMSS) Department of Mechanical Engineering Department, Hirasugar Institute of technology, Nidasoshi		
Participants:	6 <sup>th</sup> semester students.		
Event Designer and Coordinator	Dr. S.N. Topannavar, Professor and HOD, Mechanical Engineering Department Hirasugar Institute of Technology, Nidasoshi		
Objectives:	1. To provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either as Industry Defined Problem or User Defined Problem and provide an opportunity for the students to demonstrate their learning experience. 2. To encourage students to think critically, solve challenging problems, and develop skills such as oral communication, public speaking, research, teamwork, planning etc. 3. Promoting interest in Science and Technology among younger generation.		
Program Outcomes: (POs)-Attainment Weight age (Low as 1-High as 3):	PO's/PS O's Mapped	Particulars of PO	Weight-age assigned (1/2/3)
	P01	Engineering knowledge	1
	P02	Problem analysis	1
	P03	Design/development of solutions	1
	P04	Conduct investigations of complex problems	1
	P05	Modern tool usage	1
	P06	The engineer and society	1
	P07	Environment and sustainability	1
	P08	Ethics	1
	P09	Individual and team work	1
	P10	Communication	1
	P12	Lifelong learning	1
	PSO1	Implement the basic Mechanical Engineering knowledge to solve societal and industrial problems.	1
	PSO2	Design and Analyze basic Mechanical systems using relevant tools and techniques.	1
	PSO3	Understand and address current issues of industries through industry institute interaction and alumni social networks	1



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Mech. Engg. Dept.

AIMSS

Activities

AY:2021-22

Organized by AIMSS-  
Activity Coordination

1. Dr. K.M.Akkoli
2. Prof. S.A.Goudadi
3. Prof. M.S. Futrane
4. Prof. M.A. Hipparagi
5. Prof. M.I.Tanodi
6. Prof. G.M. Zulapi

7. Miss Archana Gulli, V Sem-SR (Girl)
8. Mr. Vinayak Badiger, V Sem-SR (Boy)
9. Miss. Sumitra Shinde, VII Sem-SR (Girl)
10. Mr.Nikhil Nandagaon, VII Sem-SR (Boy)
11. III Sem SRs ( Boy)
12. STTs (Students)

*Belige*  
Mr.Vivekanand Kambi  
VIII Sem, Secretary-AIMSS

*Prof.D.N.*  
Prof.D.N.Iamadar & Dr. M.M.Shivasimpi  
AIMSS Coordinators

*Dr.S.N.*  
Dr.S.N.Topannavar  
HOD  
Mechanical Engg.  
HIT, Nidasoshi

**Copy to Staff Circulation, NB and Eighth semester class room:**

KMA		DNI	<i>Dr. K.M.Akkoli</i>	SAG	<i>Sumitra Shinde</i>	MSF	
MMS		MAH		MIT		GMZ	<i>G.M. Zulapi</i>
VGB		ABS					

Class	Signature
VI semester	<i>G.M. Zulapi</i>





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**Programmes Accredited by NBA: CSE, ECE, EEE & ME.**

**Mechanical Dept.**

**AIMSS**

**Invitation**

**AY: 2021-22(Even)**

**Date: 06/07/2022**

## Invitation Letter

From,

**HOD,**

**Mech. Engg. Dept,**

**HIT, Nidasoshi – 591236**

To,

**Mr.PraveenKumar Tanodi**

**Senior Engineer**

**Quest global Bangalore**



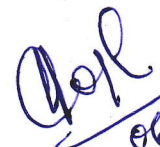
Subject: Invitation as a Resource person/Jury member for the Mini Project Exhibition of Mechanical engineering students on **7<sup>th</sup> July 2022** at 10.30 am.

Respected Sir,

We, the Association Integrated by Mechanical Staff & Students (AIMSS) and Alumni Association of Mechanical Engineering Department great pleasure to announce that we are organizing **“Mini Project Exhibition 2022”** for our VI semester Mechanical Students on **7<sup>th</sup> July 2022** at 10.30 am. I take this opportunity to invite you as a Technical Resource person/Jury member for this event on the aforesaid date.

We look forward to a positive response.

Thanking you,

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





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Institute

AIMSS

Invitation

AY: 2021-22(Even)

Date: 06/07/2022

### Invitation Letter

From:

**HOD,**

**Mech. Engg. Dept,**

**HIT, Nidasoshi – 591236**

To,

**The Principal**

**SJPN Trusts Polytechnic Nidasoshi**



Subject: Invitation as a Resource person /Jury member for the Project Exhibition of Mechanical engineering students on 8<sup>th</sup> July 2022 at 10.30am.

Respected Sir,

We, the Association Integrated by Mechanical Staff & Students (AIMSS) and Alumni Association of Mechanical Engineering Department great pleasure to announce that we are organizing **"Final Year Students' Project Exhibition 2022"** for VIII semester Mechanical Students on **8<sup>th</sup> July 2022 at 10.30am**. I take this opportunity to invite **Prof.Sunilkumar S. Kattimani HOD, Mechanical Engineering Department** as a Technical Resource person/Jury member for this event on the aforesaid date.

We look forward to a positive response.

Thanking you.

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





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Mech.Engg.Dept  
AIMSS  
Attendance  
AY: 2021-22

Date: 07-07-2022

**Event:** Mini Project Exhibition and Competition – 2022

**Jury Members:** 1.Mr.Praveenkumar Tanodi, Quest Global, Bangalore  
2. Prof. Sunilkumar Kattimani, HOD, Mechanical Department, SJPN Trust's Polytechnic, Nidasoshi

**Sem:VI**

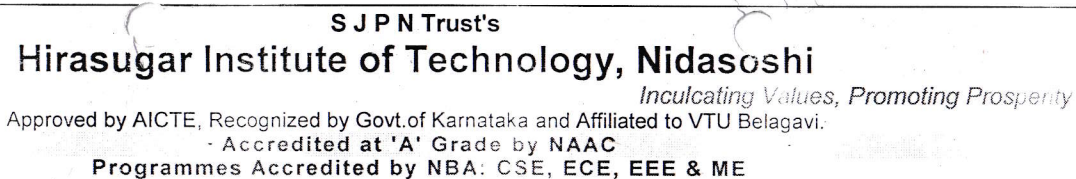
R.No	STUDENT NAME	USN	Signature
1	Aayesha M Sayyad	2HN18ME001	<i>Aayesha</i>
2	Rahul Mudalagi	2HN18ME028	<i>Rahul</i>
3	Rakesh Gudasi	2HN18ME030	<i>Rakesh</i>
4	Sujeet Huddar	2HN18ME040	<i>Sujeet</i>
5	Vinod Sorannavar	2HN18ME046	<i>Vinod</i>
6	Abhishek Patil	2HN19ME001	<i>Abhishek</i>
7	Akash Bagewadi	2HN19ME002	<i>Akash</i>
8	Archana Ramappa Gulli	2HN19ME003	<i>Archana</i>
9	Dhananjayakumar Magadum	2HN19ME004	<i>Dhananjay</i>
10	Kiran S Dhange	2HN19ME005	<i>Kiran</i>
11	Mahadev Patrot	2HN19ME006	
12	Mahadev Rama Gulli	2HN19ME007	<i>Mahadev</i>
13	Prathamesh Nilaji	2HN19ME008	<i>Prathamesh</i>
14	Ramesh S Adin	2HN19ME009	<i>Ramesh</i>
15	Shashidhar Gurav	2HN19ME010	<i>Shashidhar</i>
16	Suraj G. Maradi	2HN19ME011	<i>Suraj</i>
17	Aditya Suresh Patil	2HN20ME400	<i>Aditya</i>
18	Aksy Magdum	2HN20ME401	<i>Aksy</i>
19	Rajkumar Khot	2HN20ME402	<i>Rajkumar</i>
20	Ramesh Raju Manjaragi	2HN20ME403	<i>Ramesh</i>
21	Sandeep Sooji	2HN20ME404	<i>Sandeep</i>
22	Satigouda B Patil	2HN20ME405	<i>Satigouda</i>
23	Sourabha S Shinde	2HN20ME406	<i>Sourabha</i>
24	Vinayak Badiger	2HN20ME407	<i>Vinayak</i>
25	Virupaxayya Mathad	2HN20ME408	<i>Virupaxayya</i>

*Handwritten signature*

**HOD**

**Mechanical Engg.  
HIT, Nidasoshi**





**Mech. Engg. Dept.**

## Mini-Project

### Exhibition/Evaluation

2021-22

## Mini-Project Exhibition :2021-22

## Evaluation Sheet

Sem: VI

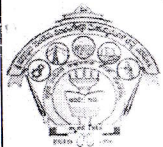
**Course : Mini-Project**

**Course Code: 18MEMP68**

Date: 07.07.2022

Batch No.	USN	Student Name	Project Title	Guide Name	Working and Outcomes	Team coordination and contribution	Presentation and Q&A with Justification	Total	Remarks
					(10+10=20 Points)	(10+10=20 Points)	(10 Points)	50 Points	
1	2HN20ME406	Sourabha Shinde	Power generation using rack & pinion	Dr.S. N. Topannavar Prof.Girish Zulpi	15	15	10	45	A
	2HN20ME400	Aditya patil							
	2HN20ME403	ramesh manjaragi							
	2HN20ME408	virupaxaya mathad							
2	2HN19ME003	Archana.R. Gulli	Smart Home Automation System Using smartphone And Bluetooth	Dr.K. M. Akkoli	14	14	08	44	B+
	2HN18ME001	Ayesha Sayyad							
	2HN18ME012	Mahadev.R.Gulli							
	2HN18ME030	Rakesh Gudasi							
3	2HN19ME005	Kiran S Dhange	Automated Drian cleaner	Prof.D. N. Inamdar	15	15	08	43	A
	2HN19ME008	Prathmesh Nilaji							
	2HN19ME011	Suraj Maradi							
	2HN20ME405	Satigouda B Patil							
4	2HN19ME004	Dhananjayakumar M	Hand operated multi seeds sowing machine	Prof.M. S. Futane	14	14	08	44	B
	2HN19ME002	Akash Bagewadi							
	2HN19ME009	Ramesh adin							
	2HN19ME006	Mahadev patrot							





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**Mech. Engg. Dept.**  
**Mini-Project**  
**Exhibition/Evaluation**  
**2021-22**

5	2HN20ME407	VINAYAK BADIGER	Automatic Foot cleaning Machine in public Places	Prof.S. A. Goudadi	13	13	08	34	B-
	2HN20ME402	RAJKUMAR KHOT							
	2HN20ME401	AKSHAY MAGADUM							
	2HN20ME404	SANDEEP SOOJI							
6	2HN19ME010	Shashidhar Gurav	Automatic irrigation system using Arduino	Dr.M. M. Shivashimpi	13	13	10	36	A
	2HN18ME046	Vinod Sorannavar							
	2HN19ME001	Abhishek Patil							
7	2HN18ME028	Rahul Mudalagi	Smart solar vehicles	Prof.M. A. Hipparagi	10	10	10	30	B-
	2HN18ME040	Sujeet Huddar							
8	2HN16ME069	Shivanand Dodagoudar	Solar sprayer	Prof.Mahantesh Tanodi	10	10	10	34	C
	2HN15ME024	Giridhar Ghatage							

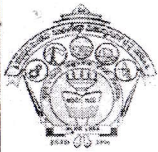
Evaluation Committee Member:

Name: S.S. Kallimani

Designation: HOD

Company/ Institute: SJP N Trust's Polytechnic, Nidasoshi

Signature: [Signature]



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## Mini-Project

### Exhibition/Evaluation

2021-22

## Mini-Project Exhibition :2021-22

## Evaluation Sheet

Sem: VI

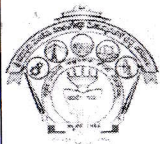
**Course : Mini-Project**

**Course Code: 18MEMP68**

Date: 07.07.2022

Batch No.	USN	Student Name	Project Title	Guide Name	Working and Outcomes	Team coordination and contribution	Presentation and Q&A with Justification	Total	Remarks
					(10+10=20 Points)	(10+10=20 Points)	(10 Points)	50 Points	
1	2HN20ME406	Sourabha Shinde	Power generation using rack & pinion	Dr.S. N. Topannavar Prof.Girish Zulpi	15	15	10	40	A+
	2HN20ME400	Aditya patil							
	2HN20ME403	ramesh manjaragi							
	2HN20ME408	virupaxaya mathad							
2	2HN19ME003	Archana.R. Gulli	Smart Home Automation System Using smartphone And Bluetooth	Dr.K. M. Akkoli	14	14	08	36	A
	2HN18ME001	Ayesha Sayyad							
	2HN18ME012	Mahadev.R.Gulli							
	2HN18ME030	Rakesh Gudasi							
3	2HN19ME005	Kiran S Dhange	Automated Drian cleaner	Prof.D. N. Inamdar	14	14	09	37	B+
	2HN19ME008	Prathmesh Nilaji							
	2HN19ME011	Suraj Maradi							
	2HN20ME405	Satigouda B Patil							
4	2HN19ME004	Dhananjayakumar M	Hand operated multi seeds sowing machine	Prof.M. S. Futane	12	12	8	32	B+
	2HN19ME002	Akash Bagewadi							
	2HN19ME009	Ramesh adin							
	2HN19ME006	Mahadev patrot							





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Mini-Project

Exhibition/Evaluation

2021-22

5	2HN20ME407	VINAYAK BADIGER	Automatic Foot cleaning Machine in public Places	Prof.S. A. Goudadi	14	14	08	36	B+
	2HN20ME402	RAJKUMAR KHOT							
	2HN20ME401	AKSHAY MAGADUM							
	2HN20ME404	SANDEEP SOOJI							
6	2HN19ME010	Shashidhar Gurav	Automatic irrigation system using Arduino	Dr.M. M. Shivashimpi	12	12	10	34	A
	2HN18ME046	Vinod Sorannavar							
	2HN19ME001	Abhishek Patil							
7	2HN18ME028	Rahul Mudalagi	Smart solar vehicles	Prof.M. A. Hipparagi	12	12	08	32	B
	2HN18ME040	Sujeet Huddar							
8	2HN16ME069	Shivanand Dodagoudar	Solar sprayer	Prof.Mahantesh Tanodi	12	12	10	34	B
	2HN15ME024	Giridhar Ghatage							

Evaluation Committee Member:

Name:

Prof. G. B. Sargate

Designation:

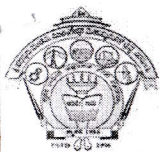
Dr. G. B. Sargate Lecturer

Company/ Institute:

S. J. P. N. Trusts

Signature:

Polytechnic Nidasoshi



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Mini-Project

Exhibition/Evaluation

2021-22

## Mini-Project Exhibition :2021-22

### Final Result Sheet

Sem: VI      Course : Mini-Project      Course Code: 18MEMP68      Date: 07.07.2022

Prize	Batch No.	USN	Student Name	Project Title	Guide Name	Remarks
I	①	2HN20ME406	Souabhi Shinde	Power generation using Pulley & pinion	Dr. S.V. Topanwar Prof. G. B. Sangekar	
II	②	2HN19ME005	Kiran Tharge	Automated drain cleaner	Prof. D. N. Bramble	
III	③	2HN19ME003	Archeana Ghose	Smart Home automation	Dr. K. M. Akmal	
	④	2HN20ME407	Vinayak Baligod	Automatic foot cleaning	Prof. S. A. Gaudel	

#### Evaluation Committee Member:

Name: Prof. G. B. Sangekar

Designation: Sr. grade Lecturer

Company/ Institute: S. J. P. N. Trusts Hirasugar Nidasoshi

Signature:

Name: Prof. Suresh Kattimani

Designation: HOD

Company/ Institute: S. J. P. N. Trusts Hirasugar Nidasoshi

Signature:





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AIMSS

AY:2021-22

HIT/ME/21-22/07-07-2022/1064

Date: 07-07-2022


To,  
Mr. Praveen Kumar Tanodi  
Senior Engineer  
Quest global Bangalore

## Certificate of Appreciation –Cum-Gratitude

We are extremely pleased to have you as a jury member for the “Mini Project Exhibition 2022” held on 07<sup>th</sup> July 2022 at our Department.

Dr. M.M. Shivashimpi  
AIMSS Coordinator

Dr. S.N. Topannavar  
HOD  
Mechanical Engg.  
HIT, Nidasoshi

	<p style="text-align: center;">S J P N Trust's</p> <p style="text-align: center;"><b>Hirasugar Institute of Technology, Nidasoshi</b></p> <p style="text-align: center;">Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.</p> <p style="text-align: center;">Accredited at 'A' Grade by NAAC</p> <p style="text-align: center;">Programmes Accredited by NBA: CSE, ECE, EEE &amp; ME.</p>	<p style="text-align: center;">Mech. Engg. Dept.</p> <hr/> <p style="text-align: center;">AIMSS</p> <hr/> <p style="text-align: center;">AY:2021-22</p>
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HIT/ME/21-22/07-07-2022/1065

Date: 07-07-2022

To,  
Prof. Sunilkumar S. Kattimani  
HOD, Mechanical Engineering Department  
SJPN Trust's Polytechnic, Nidasoshi

## Certificate of Appreciation –Cum-Gratitude

We are extremely pleased to have you as a jury member for the “**Mini Project Exhibition 2022**” held on 07<sup>th</sup> July 2022 at our Department.



**Dr. M.M. Shivashimpi**  
AIMSS Coordinator



**Dr. S.N. Topannavar**  
**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**





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**Hirasugar Institute of Technology, Nidasoshi**  
 Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.  
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**Mech. Engg. Dept.**

**Activities**

**Feedback**

**AY:2021-22**

## Online Feedback Sheet Summary

Time stamp	Name	USN	Mobile number	E mail	Sem	1. Inclusive of Relevancy/National Interest in the Activity/trained content.	2. Applicable/Helpful to build and lead the better career after the graduation	3. Rate the resource person/s/Competency in the activity/event	4. Your development/+ve change during the activity/event	5. Overall motivation and inspiration received during the activity period	Total Points
7/7/2022 16:42:41	Ramesh manjaragi	2HN20ME403	6362315826	rrmanjaragi@gmail.com	6	10	10	10	10	10	50
7/7/2022 16:46:25	Aayesha Sayyad	2hn18me001	8792191918	ayeshasayyad02@gmail.com	6	10	9	10	10	10	49
7/7/2022 16:46:46	Aditya Patil	2HN20ME400	9741895263	adityapatil9173@gmail.com	6	10	10	10	10	10	50
7/7/2022 16:51:24	Sourabha anand shinde	2HN20ME406	9663856168	sourabhashinde2936@gmail.com	6	10	10	10	10	10	50
7/7/2022 18:08:47	Sujeet A Huddar	2HN18ME040	9916285267	huddar.sujit7@gmail.com	6	10	10	10	10	10	50
7/7/2022 18:48:38	Suraj Maradi	2HN19ME011	9110662296	surajmaradi566@gmail.com	6	10	10	10	10	10	50
7/7/2022 18:54:13	Rajkumar khot	2hn20me402	7618702354	rajuskhotnds@gmail.com	6	10	10	10	10	10	50
7/8/2022 12:47:58	Vinayak Badiger	2HN20ME407	8073109008	vinubadiger8055@gmail.com	6	10	10	10	10	10	50
7/8/2022 12:57:59	Virupaxayya Mathad	2HN20ME408	9113026045	virupaxayyasmathad2001@gmail.com	6	9	10	9	10	9	47
7/8/2022 13:39:28	Akash	2hn19me002	7026909190	skybagewadi@gmail.com	6	10	9	10	10	10	49
7/28/2022 11:26:19	Kiran S Dhange	2HN19ME005	9731774425	kirandhange511@gmail.com	6	10	10	10	10	10	50
7/8/2022 15:04:51	Satigouda B Patil	2hn20me405	9611633573	satigoudapatil39@gmail.com	6	9	10	10	10	10	49
7/28/2022 11:25:44	Ramesh s adin	2hn19me009	6363171695	rameshadin9686@gmail.com	6	10	10	10	10	10	50
7/28/2022 13:41:48	Akash	2HN19ME002	7026909160	skybagewadi@gmail.com	6	10	10	10	9	9	48
<b>Total Points</b>											<b>692</b>

*Mr. Vivekanand Kambi*  
 Mr. Vivekanand Kambi  
 AIMSS Secretary

*Dr. M. M. Shivashimpi & Prof. D. N. Inamdar*  
 Dr. M. M. Shivashimpi & Prof. D. N. Inamdar  
 AIMSS-Coordinator/s

*Dr. S. N. Topannavar*  
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**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**



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**Activities**

**Impact Analysis on Feedback**

**AY:2021-22**

## Impact Analysis and PO & PSO Attainment

**Activity Name:** Mini Project Exhibition 2022

**No. of Respondents (N):** 14

**Grand Total Points given by all respondents (T):**692

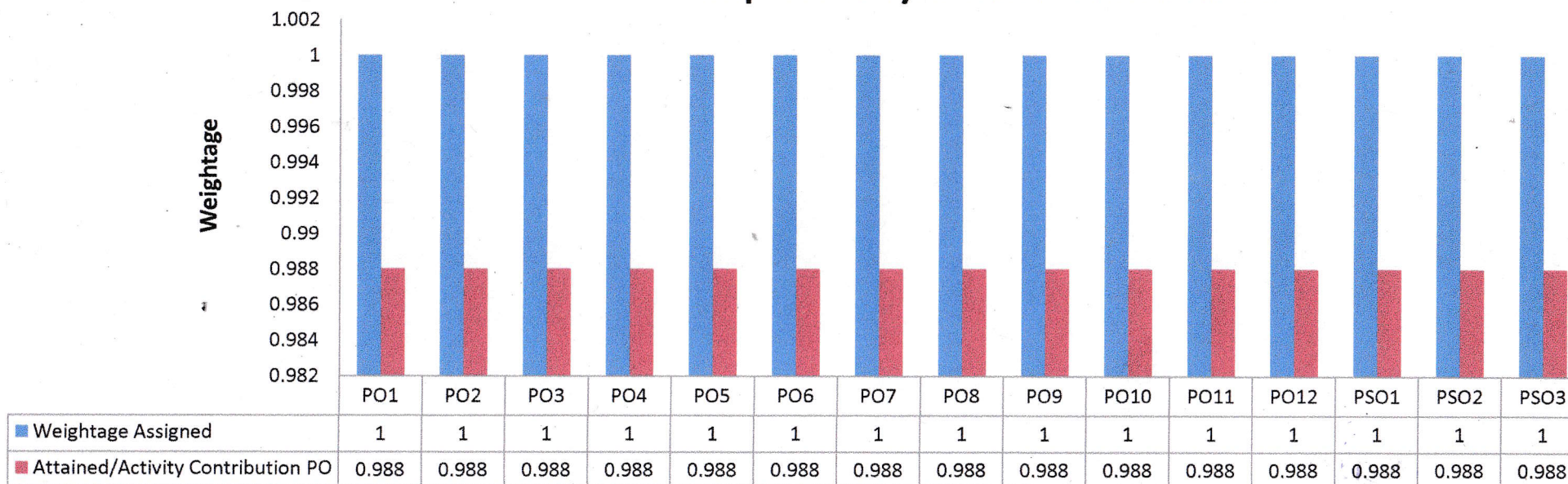
**Impact Coefficient (IC=0-1):** Here,  $IC = T / (N * 50) = 692 / (14 * 50) = 0.988$

Mapped PO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned)	Mapped PSO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PSO (IC*Weightage Assigned)
PO1	1	0.988	PSO1	1	0.988
PO2	1	0.988	PSO2	1	0.988
PO3	1	0.988	PSO3	1	0.988
PO4	1	0.988			
PO5	1	0.988			
PO6	1	0.988			
PO7	1	0.988			
PO8	1	0.988			
PO9	1	0.988			
PO10	1	0.988			
PO11	1	0.988			
PO12	1	0.988			





## Impact Analysis and PO Attainment



### Justification:

#### 1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO1	1	This activity helps to develop better solutions to more challenging problems..
PO2	1	This activity highlights for the structured approach for identifying problems and their root causes to ensure that attention is focused upon the real issues.
PO3	1	This activity to help students to create and evaluate solutions in response to design related problems
PO4	1	This activity helps to provides the students with the opportunity to collaborate their learning with practical implementation but also develops more skills like problem-solving, critical thinking and time management.
PO5	1	This activity helps to understand the use the tool to apply, formulate, design, implement and demonstrate a self-designed project.





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Activities

Impact Analysis on Feedback

AY:2021-22

PO6	1	This activity highlights an opportunity for creative and innovative engineers to use their inventions and expertise to solve society related problems.
PO7	1	This activity highlights an balances the environmental, social, economic aspects of project-based working to meet the current needs of stakeholders.
PO8	1	This activity highlights ethical values such as Trust, honesty, responsibility, respect and fairness to create harmony and professionalism in teams, which in turn leads to project success.
PO9	1	This activity highlights importance of the team work to exchange ideas and come up with creative ways of doing things. By working together, teams can find the solutions that best project.
PO10	1	This activity highlights the manage their teams and coordinate efforts in order to bring about a project's successful.
PO11	1	This activity involve a one-time project or an ongoing activity, and resources managed include personnel, finances, technology, and intellectual property.
PO12	1	This activity highlights designing the model, usage of modern tools and product model in project work.
PSO1	1	This activity addresses the application of engineering knowledge to solve social and industries problems in project work.
PSO2	1	This activity highlights to design and analyze mechanical systems n project work.
PSO3	1	This activity provides exposure to the current issues of prototyping parts to performance products and the developments happening in project model development.

- The activity mapped with PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11 & PO12 was found satisfactory with attainment level of 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988, 0.988 and 0.988 against the Mapped values during the impact analysis.
- The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment level of 0.988, 0.988 and 0.988 against the Mapped value during the impact analysis.

**Conclusion:** The activity organized to fulfill the program outcomes engineering knowledge, problem analysis, design/development of solutions, conduct investigations of complex problems, modern tool usage, engineer and society, Environment and sustainability, Ethics, Individual and team work, Communication, Project management and finance and lifelong learning and PSO1, PSO and PSO3 has mitigated the gap identified satisfactorily to some extent.

**Future Suggestions:** Such activity can be extended through conducting future project exhibitions for our students to create interest in the participating the national and international level project exhibitions to bring out the final product for society.

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