

Activity Report

S.No.	Title of the information	Information in brief			
1	Identified Gap No/s.:	35			
2	Activity Type:	Technical Talk			
3	Activity/Event Organizer/s or Coordinator/s:	Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HIT Nidasoshi			
4	Title of the Activity/Event:	Technical Talk on Robot application in Automotive Industry			
5	Date:	04-03- 2022			
6	Venue:	Mechanical Seminar Hall			
7	Objectives:	1. To increase productivity, cut down on waste materials, reduce safety risks, or improve quality standards 2. To know important ant application of Robot application in Automotive Industry. 3. To understand the benefits of Robot application in the Automotive Industry. 4. To understand the robot technology in Automotive Industry.			
8	Activity Outcomes:	1. Robots are more efficient, accurate, flexible, and dependable on these production lines. 2. Robot Technology has allowed the automotive industry to remain one of the most automated supply chains globally, and one of the largest users of robots. 3. Robotization positively affects the performance and productivity of industrial firms			
9	Details of Resource Person/s with contact details:	Mr. N.P. Bannibagi, ISDS, Assistant Director, Ministry of Skill Development and Entrepreneurship and Doctorate General of Training" National Skill Training Institute" Government of India.			
10	Finance Management:	Expenses incurred by the Department Association (AIMSS)			
11	No. of participants	Students: Boys: 15 & Girls : 0, Staff: 08			
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	99	0.99
		PO3	1	99	0.99
		PO5	2	99	1.98
		PO6	1	99	0.99
		PO12	3	99	2.97
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
		PSO2	1	99	0.99
		PSO3	2	99	1.98
14	Outcomes achieved/Impact analysis:	1. The activity mapped with PO1, PO3, PO5, PO6 & PO12 was found satisfactory with attainment levels of 0.99, 0.99, 1.98, 0.99 and 2.97 against the Mapped values during the impact analysis. 2. The activity mapped with PSO2 & PSO3 was found satisfactory with attainment levels of 0.99 & 1.98 against			



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Mech. Engg. Dept.

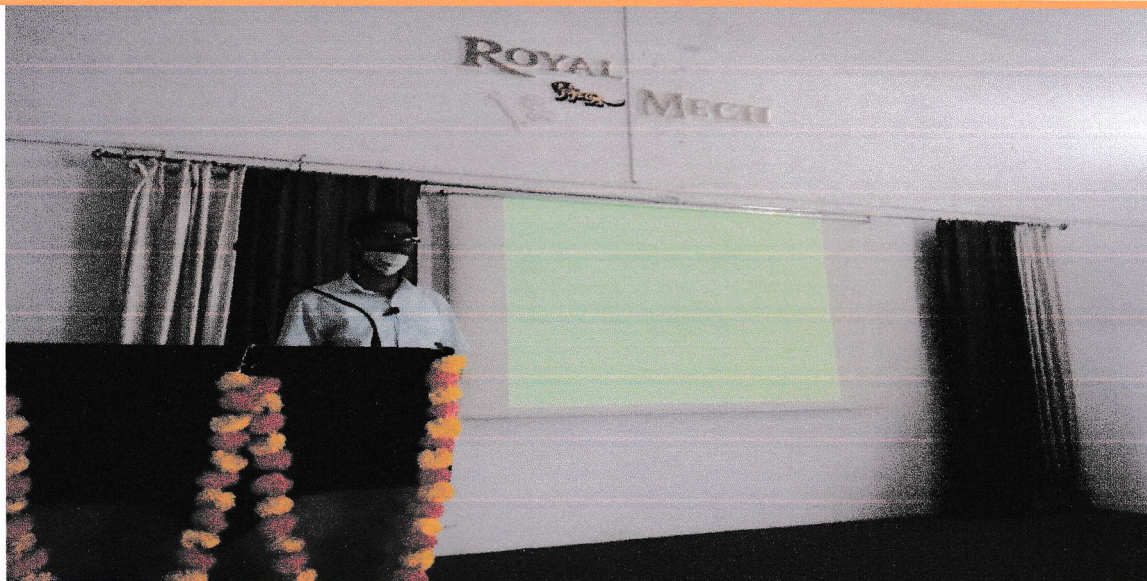
AIMSS

Activity Report

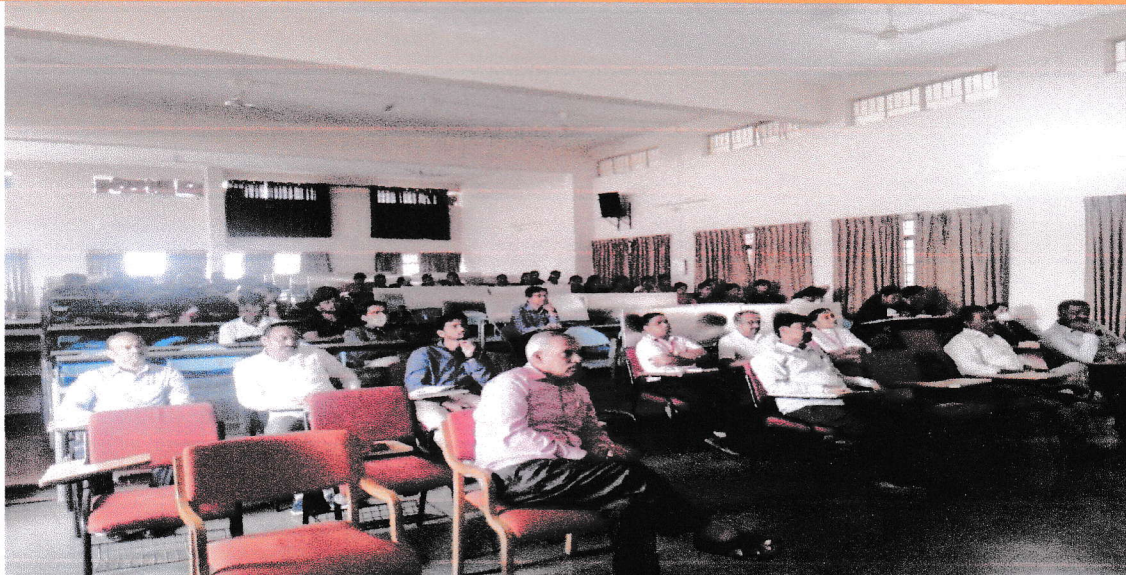
AY:2021-22

the Mapped value during the impact analysis

Photo Gallery



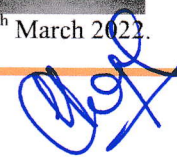
Mr. N.P. Bannibagi, ISDS, Assistant Director, Ministry of Skill Development and Entrepreneurship and Doctorate General of Training National Skill Training Institute Government of India is delivering a technical talk on Robot application in the Automotive Industry held on 4th March 2022.

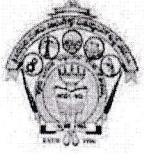


Staff and students attended the technical talk on Robot application in Automotive Industry held on 4th March 2022.


Mr. Vivekanand Kambi
AIMSS Secretary


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


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



ಹಿರಾಸುಗರ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ನಿದಸೋಸಿ
Hirasugar Institute of Technology
Nidasoshi – 591 236, Karnataka State

Prof. S. C. Kamate Ph. D.
Principal

Phone : (08333) 278887
Fax : (08333) 278886


Ref. No: HSIT/NDS/EST/2021-22/ 1434

Date : 04-03-2022

CIRCULAR


An invited talk on "Robot Applications in Automotive Industry" by Mr. N.P. Bannibagi, ISDS, Assistant Director, Ministry of Skill Development and Entrepreneurship and Directorate General of Training "National Skill Training Institute", Govt. of India is organized on Friday, 4th March 2022 at 3.00pm in Mechanical Seminar Hall. All the 3rd Semester students and staff members of ME, ECE & EEE are hereby informed to attend. The attendance is mandatory.






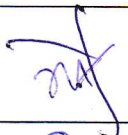
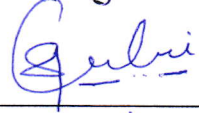




Dr. S.C. Kamate
Principal

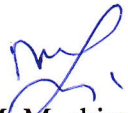
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1. HOD -ME, ECE & EEE
2. Est. section

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			AIMSS
			Activities
			2021-22 (Odd)

The following staff members are attended invited technical talk on **“Robot Applications in Automotive Industry”** organized on 4th March 2022 in Mechanical Seminar Hall.

Sl. No.	Name of Staff	Designation	Signature	Remark
1	Dr. S. N. Topannavar	Professor and HOD		
2	Dr. K. M. Akkoli	Associate Professor		
3	Prof. D. N. Inamdar	Assistant Professor		
4	Prof. M .S. Futane	Assistant Professor		
5	Prof. S. A. Goudadi	Assistant Professor		
6	Dr. M. M. Shivashimpi	Assistant Professor		
7	Prof. M. A. Hipparagi	Assistant Professor	CL	
8	Prof. M.I. Tanodi	Assistant Professor		
9	Shri. V.G.Badiger	Foreman		
10	Shri. A.B. Sankeshwari	Foreman	CL	


 Prof. M. M. Shivashimpi &
 AIMSS Coordinators


 Prof. D. N. Inamdar


 Dr. S. N. Topannavar






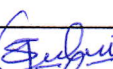

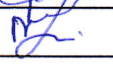
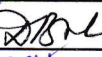


HOD
Mechanical Engg.

HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI-591236









STAFF ATTENDANCE

An invited talk on "Robot Applications in Automotive Industry" by Mr. N.P. Bannibagi, ISDS, Assistant Director, Ministry of Skill Development and Entrepreneurship and Directorate General of Training "National Skill Training Institute", Govt. of India is organized on Friday, 4th March 2022 at 3.00pm in Mechanical Seminar Hall.

MECHANICAL ENGG. DEPT**ELECTRONICS & COMMN. ENGG. DEPT**

S.N.	Name of the staff	Designation	Sign.	S.N.	Name of the staff	Designation	Sign.
1	Dr. S.C. Kamate	Principal		1	Dr. S. B. Akkole	Asso.Prof./HOD	
2	Dr. S.N. Topannavar	Professor/HOD		2	Dr. R.R. Maggavi	Asso. Prof.	
3	Dr. K.M. Akkoli	Asso.Prof.		3	Smt. S. S. Malaj	Asst.Prof.	
4	Sri. D.N. Inamdar	Asst. Prof.		4	Smt. S. S. Kamate	Asst. Prof.	
5	Sri. M. S. Futane	Asst. Prof.		5	Sri. D.M. Kumbar	Asst.Prof.	
6	Sri. S.A Goudadi	Asst. Prof.		6	Sri. S. S. Patil	Asst.Prof.	
7	Dr. M.M. Shivashimpi	Asst. Prof.		7	Sri. D. B. Madihalli	Asst.Prof.	
8	Sri. M. A. Hipparagi	Asst. Prof.		8	Sri. P. V. Patil	Asst.Prof.	
9	Sri. M.I.Tanodi	Asst. Prof.		9	Sri. S. S. Itannavar	Asst.Prof.	
				10	Smt. B.P. Khot	Asst.Prof.	

ELECTRICAL & ELECTRONICS ENGG.DEPT**COMPUTER SCIENCE ENGG. DEPT**

S.N.	Name of the staff	Designation	Sign.	S.N.	Name of the staff	Designation	Sign.
1	Dr. B.V. Madigond	Professor/HOD		1	Dr. K.B.Manawade	Asso. Prof.	
2	Sri. V.B. Dhere	Asst. Prof.		2	Dr. S. G. Gollagi	Asst. Prof.	
3	Sri S. D. Hirekodi	Asst. Prof.		3	Dr. M.G. Huddar	Assoc.Prof.	
4	Smt. H.R. Zinage	Asst. Prof.		4	Sri S. V. Manjaragi	AP/HOD	
5	Sri M.P. Yenagimath	Asst. Prof.		5	Sri. N.K. Honnagoudar	Asst. Prof.	
6	Sri. O. B. Heddurshetti	Asst. Prof.		6	Sri. N.M. Patel	Asst.Prof.	
7	Sri. A.U. Neshti	Asst. Prof.		7	Smt. A.A. Daptardar	Asst. Prof.	
8	Sri. P. M. Murari	Asst. Prof.		8	Sri C. R. Belavi	Asst. Prof.	
9	Sri. S. S. Birade	Asst. Prof.		9	Sri. Manojkumar Chitale	Asst. Prof.	
10	Sri. K.B. Negalur	Asst. Prof.					
11	Smt. S. G. Huddar	Asst. Prof.					

CIVIL DEPT.**APPLIED SCIENCE DEPT.**

S.N.	Name of the staff	Designation	Sign.	S.N.	Name of the staff	Designation	Sign.
1	Sri. S.M.Chandrakanth	HOD/AP		1	Dr. M. S. Hanagadakar	Asso. Prof.	
2	Sri. M.M. Nagarmunnoli	Asst. Prof.		2	Sri. V M Bhumannavar	Asst. Prof.	
3	Sri Mahesh D. Patil	Asst. Prof.		3	Sri. S.L. Patil	Asst. Prof.	
4	Miss. Preeti Patil	Asst. Prof.		4	Sri. S.A. Patil	Asst. Prof.	
				5	Sri. S. S. Thabaj	Asst. Prof.	
				6	Mr. S. I. Shivamoggimath	Asst. Prof.	
				7	Sri. S.J. Walaki	Asst. Prof.	

Asst.Prog/Foremen/Instructor

S.N.	Name of the staff	Designation	Sign.
1	Sri. A.K.Badakar	Asst.Prog.	
2	Sri. V. G. Badiger	Foreman	
3	Sri. A.B. Sankeshwari	Foreman	
4	Sri. P. S. Desai	Foreman	
5	Sri. V. V. Guruwadeyar	Instructor	
6	Sri. M.A.Attar	Instructor	
7	Sri. M. S. Byali	Asst. Inst.	
8	Sri. R. S. Bardol	Instructor	
9	Sri. S.B Beelur	Instructor	
10	Sri. V. M Mutalik	Instructor	
11	Sri. A R Bhiste	Instructor	
12	Mr. Vinayak V. Menasi	Instructor	
13	Smt. S.S.Kankanwadi	Sr. Lab. Supr.	
14	Sri. G.B. Doddagoudar	Instructor	
15	Sri. Mounesh Badiger	Instructor	
16	Miss Shainaj Jakati	Instructor	
17	Sri. C. A. Jodatti	Instructor	

Office staff

S.N.	Name of the staff	Designation	Sign.
1	Sri S.R. Koteppagol	O.S (admn)	
2	Sri. V. S. Hiremath	OS (acad)	
3	Sri S. S. Dhange	Accountant	
4	Sri S.B. Chougala	FDA	
5	Sri. D. G. Kulkarni	FDA	
6	Sri. V. K. Badakar	Typist	
7	Sri T. B. Patil	FDA	
8	Sri. M.B. Patil	FDA	
9	Sri. S.M. Kamate	SDA	
10	Miss. Anita Kamanuri	Suptd. G H	

Mechanic

S.N.	Name of the staff	Designation	Sign.
1	Sri A. A. Patil	Mechanic	
2	Sri D. R. Badiger	Mechanic	
3	Sri A.B.Bennoli	Mechanic	
4	Sri C. B. Patil	Mechanic	
5	Sri. M. S. Sattigeri	Mechanic	
6	Sri S. N. Birangaddi	Electrician	
7	Sri. B.S. Sooji	Electrician	
8	Sri. S.K. Jakati	Electrician	
9	Sri. M.J. Patil	Welder	

Library & Sports Dept.

S.N.	Name of the staff	Designation	
1	Sri. G. S. Solabannavar	Librarian	
2	Sri P. K. Mugali	Asst. Lib.	
3	Sri C. R. Ramane	Asst. Lib.	
4	Sri. S. B. Sarawadi	Phy. Dir	

Auto Dept

S.N.	Name of the staff	Designation	Sign.
1	Sri. D. M. Madihalli	Driver	
2	Sri. M.S. Padmannavar	Driver	
3	Sri. S. B. Shinde	Driver	
4	Sri. S.A.Biskop	Driver	

Helper/Peon & other staff

S.N.	Name of the staff	Designation	
1	Sri R. G. Shivannavar	Helper	
2	Sri N. D. Achari	Helper	
3	Sri B. T. Koli	Helper	
4	Sri A. S. Kankanwadi	Helper	
5	Sri B. D. Gurav	Helper	
6	Sri M. S. Kadalagi	Helper	
7	Sri G. M. Hirekodi	Helper	
8	Sri C. S. Sooji	Helper	
9	Sri. K. M. Kankanwadi	Helper	
10	Sri. M.S. Doddamani	Helper	
11	Sri. M. B. Sankapal	Helper	
12	Sri. S. S. Jodahatti	Helper	
13	Sri. S. S. Chougala	Helper	
14	Sri. S. B. Khot	Helper	
15	Sri. A. S. Jadhav	Helper	
16	Sri. S. D. Kalai	Helper	
17	Sri. Vittal Kumbar	Helper	
18	Sri. S. S. Karishetti	Helper	
19	Sri D. B. Kamate	Attender	
20	Sri. V. T. Yaduri	Peon	
21	Sri. P. S. Pimpalgavi	Peon	
22	Sri I. B. Madyali	Peon	

S.N.	Name of the staff	Designation	Sign.
23	Sri A. D. Kumbar	Peon	
24	Sri A. K. Huddar	Peon	
25	Sri G. S. Tolake	Peon	
26	Sri S. M. Badakar	Peon	
27	Sri. N. M. Wani	Peon	
28	Sri A. R. Goudadi	Peon	
29	Sri V.N. Biskop	Peon	
30	Sri K.A. Hadimani	Peon	
31	Sri G. D. Basapuri	Mali	
32	Sri R. S. Kagi	Mali	
33	Sri Y. H. Gopal	Scavenger	
34	Sri. J. L. Ballarppu	Scavenger	
35	Smt. L.J. Ballarappu	Scavenger	
36	Sri R. S. Kapse	Watchman	
37	Sri C. A. Sangasuri	Watchman	
38	Sri M. D. Banti	Watchman	
39	Sri. R. M. Chinchani	Watchman	
40	Sri M. B. Yashwant	Watchman	
41	Sri B. M. Hunchyali	Watchman	
42	Sri. D.M. Konakeri	Mason	



Attendance Sheet

Event : Technical Talk on “Robot Applications in Automotive Industry”

Resource person: Mr. N.P. Bannibagi, ISDS, Assistant Director, Ministry of Skill Development and Entrepreneurship and Directorate General of Training “National Skill Training Institute”, Govt. of India.

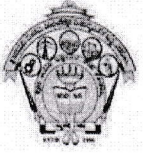
Sem:III

R.No	STUDENT NAME	USN	Signature
1	AKASH RAJU PATIL	2HN20ME001	
2	BASAVARAJ G KAMBAR	2HN20ME002	
3	GONDHALI ATHARV SHANKAR	2HN20ME003	
4	KAUSHIK SHIVAKALE	2HN20ME004	
5	PRAMOD B AMMANAGI	2HN20ME005	
6	SANGAMESH K SURAPPAGOL	2HN20ME006	
7	YOGESH R DHANWADE	2HN20ME007	
8	ABDULRAHIM B KAZI	Diploma	
9	AKASH ASHOK BADIGER	Diploma	
10	AKASH P MADIHALLI	Diploma	
11	AKSHAY MAHADEV CHABBI	Diploma	
12	MALIKJAN MUJAWAR	Diploma	
13	NITISH RAVINDRA BANI	Diploma	
14	RAHUL D MANGASULE	Diploma	
15	RAHUL M NADESHWAR	Diploma	
16	SACHIN S PUJERI	Diploma	
17	SHIVAPRABHU PATROT	Diploma	
18	SHIVARAJ B NEELAKANTH	Diploma	
19	SHRINATH G SOOJI	Diploma	
20	YASH RAMESH MANE	Diploma	

(Signature)

HOD

Mechanical Engg.
HIT, Nidasoshi



ಹಿರಾಸುಗರ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ನಿಡಸೋಸಿ

Hirasugar Institute of Technology

Nidasoshi – 591 236, Karnataka State

Prof. S. C. Kamate Ph. D.
Principal

Phone : (08333) 278887

Fax : (08333) 278886

Ref. No: HSIT/NDS/~~2425~~/2021-22/

Date **3 MAR 2022**

Certificate of Appreciation

We are extremely pleased to have you as a Resource Person for invited Technical Talk on “**Robot Applications in Automotive Industry**” held on 4th March 2022 at our Institute. Your words have motivated our staff and students.


Dr. S. C. Kamate

PRINCIPAL

Hirasugar Institute of Technology
NIDASOSHI – 591 236

To,

Mr. N.P. Bannibagi, ISDS,


Assistant Director,

Ministry of Skill Development and Entrepreneurship
and Directorate General of Training

“National Skill Training Institute”, Govt. of India.

Received

(Bannibagi)
04/03/2022

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		Activities
		Feedback
		2021-22 (Odd)

FEEDBACK

Title of the Activity: **Technical Talk on "Robot Applications in Automotive Industry"**

Gap No.:	Mapped POs	POs Weightage	Mapped PSOs	PSOs Weightage
35	1,3,5,6,12	1,1,2,1,1 3	2,4,3	1,4,2


Date/Duration: 04-03-2022 Venue: Mechanical Seminar Hall

Note: Solicit your response in numeric (10 points:Excellent-0 point: Not Good)

S.No.	Parameter	Numeric Response (0-10)
1	Inclusive of Relevancy/National Interest in the Activity/trained content	10
2	Applicable/Helpful to build and lead the better career after the graduation	10
3	Rate the resource person/s/Competency in the activity/event	10
4	Your development/+ve change during the activity/event	10
5	Overall motivation and inspiration received during the activity period	10
Total points		50

Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.):


Signature of the Participant

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		Activities
		Feedback
		2021-22 (Odd)

FEEDBACK

Title of the Activity: **Technical Talk on "Robot Applications in Automotive Industry"**

GapNo.:	Mapped POs	POs Weightage	Mapped PSOs	PSOs Weightage
35	1,3,5,6,12	1,1,2,1,1 3	2,4,3	1,4,2

Date/Duration: 04-03-2022 Venue: Mechanical Seminar Hall

Note: Solicit your response in numeric (10 points:Excellent-0 point: Not Good)

S.No.	Parameter	Numeric Response (0-10)
1	Inclusive of Relevancy/National Interest in the Activity/trained content	10
2	Applicable/Helpful to build and lead the better career after the graduation	10
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4	Your development/+ve change during the activity/event	10
5	Overall motivation and inspiration received during the activity period	10
Total points		50

Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.):


Signature of the Participant



Impact Analysis and PO & PSO Attainment

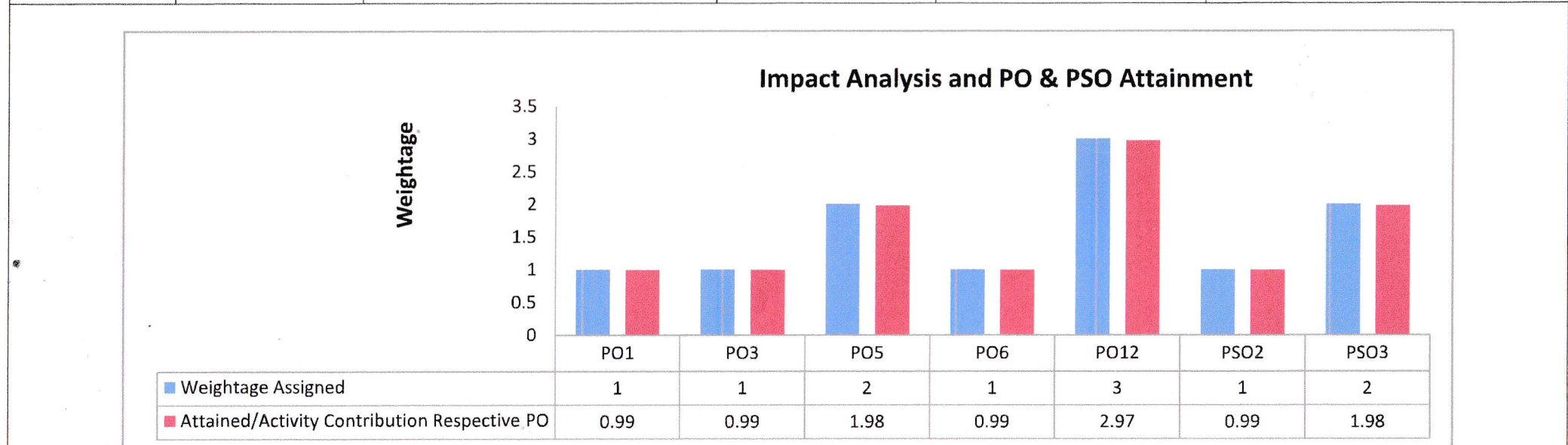
Activity Name: Technical Talk on Robot application in Automotive Industry

No. of Respondents (N): 14

Grand Total Points given by all respondents (T): 693

Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 693 / (14 * 50) = 0.99$

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	0.99	PSO2	1	0.99
PO3	1	0.99	PSO3	2	1.98
PO5	2	1.98			
PO6	1	0.99			
PO12	3	2.97			





Justification:

1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO1	1	This activity enlightens the application of engineering knowledge in robotization.
PO3	1	This activity addresses robotics technology that has allowed the automotive industry to remain one of the most automated supply chains globally and one of the largest users of robots.
PO5	2	This activity addresses briefly robots that can use computer vision and natural language processing and digital assistance in automotive industry applications. Hence robots are programmable machines capable of performing autonomous tasks.
PO6	1	This activity address robots have helped improve factories through automated processes that measure energy efficiency and environmental dangers. Through IoT-based monitoring, robots can assess toxicity levels in factories and on the field. This type of environmental monitoring can reduce greenhouse gas emissions and waste.
PO12	3	This activity addresses substantially the technological changes in modern robot technology and supports recognizing the need for life-long learning. Hence supports substantial job opportunities in the automotive industry.
PSO2	1	This activity enlightens the Robotics deals with the design, construction, operation, and use of robots and computer systems for their control, sensory feedback, and information processing.
PSO3	2	This activity provides exposure to challenges focused on fundamental problems in robotics: developing robot swarms, improving navigation and exploration, and developing artificial intelligence that can “learn how to learn”, and use common sense to make moral and social decisions.

2. The activity mapped with PO1, PO3, PO5, PO6 & PO12 was found satisfactory with attainment levels of 0.99, 0.99, 1.98, 0.99 and 2.97 against the Mapped values during the impact analysis.

3. The activity mapped with PSO2 & PSO3 was found satisfactory with attainment levels of 0.99 & 1.98 against the Mapped value during the impact analysis.

Conclusion: The activity organized to fulfill the program outcomes of engineering knowledge, Design/development of solutions, modern tool usage, engineer and society, and lifelong learning and PSO2 & PSO3 has mitigated the gap identified satisfactorily to some extent.

Future Suggestions: Such activity can be extended to multiple workshops for our students to create interest in understanding robot technology in the automotive industry to produce the best products of the component in the automotive sector.


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