



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes



Internal Quality Assurance Cell

DEPARTMENT OF PRODUCTION ENGINEERING ANNUAL REPORT

(15 JUNE 2022 to 14 June 2023)

TERM ONE: 15 June 2022 to 30 November 2022

TERM TWO: 01 December 2022 to 14 June 2023

Academic Year 2022 – 23

Guidelines:

*Fill up this sheet for all the contributions /activities conducted at **Department level only**.*

- ❖ *In case data does not exist please mention it as 'No Data'.*
- ❖ *Please add rows to the table below to suit your requirements*
- ❖ *Ensure that data does not differ from other official records and all the supporting documents are available.*
- ❖ *Use: Font Type: Times New Roman, Font Size: 12, Sentence case, Spacing: 1.15*
- ❖ *Use a separate row for every detail.*
- ❖ *For any queries, you may contact: Dr C S Choudhari, Coordinator, IQAC*
- ❖ *email: iqac@aiissmscoe.com*

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1. PROFILE OF DEPARTMENT

1.1 INTRODUCTION

Year of Establishment	1994
UG Programmes	PRODUCTION ENGINEERING
PG Programmes	NA
Number of Teaching Staff	09
Number of Non-Teaching Staff	12 (Production + Workshop)

1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory		Name of Laboratory	
1	CAD/CAM Laboratory	5	NonTraditional Machine Laboratory
2	Robot & Automation Laboratory	6	Advanced Production Technology
3	Production Management Laboratory	7	Department Central Facility
4	Tool Engineering Laboratory		

1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available		Software Available	
1	Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos. and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos.and eMplant- 02 Nos.	5	ANSYS Academic Teaching + CFD Version 16.2 for (25 user)
2	Computer Software Autodesk Inventor Professional Edu. License (03)	6	JASP- Version 2 (Janatics Animation Software & Pneumatics) (01)
3	Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user	7	Systat Statistical Software -Version 12 (01)
4	Unigraphics 8.0 Cam Express (Simulation, Modeling, Tool Path Generation) 20 user		

1.4 FACULTY IN THE DEPARTMENT

Name of faculty	Designation
Dr N G Shekapure	Head & Assistant Professor
Mr V Y Sonawane	Assistant Professor
Mr V D Dholle	Workshop Superintendent
Mr M A Kelkar	Asst Workshop Superintendent
Mr S S Kallurkar	Assistant Professor
Mr S N Chiwande	Assistant Professor
Mr S K Bidgar	Assistant Professor
Mr M L Chanpur	Assistant Professor
Ms Y K Funde	Assistant Professor

1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
Mr Rahul S Gangawane	Technical Assistant
Mr A Chopane	Store Keeper
Mr N V Walke	Instructor
Mr V N Hire	Instructor
Mr R M Khedekar	Instructor
Mr Sanjay M K	Instructor
Mr P D Pawar	Electrician
Mr B H Gade	Attendant
Mr Y G Patil	Attendant
Mr N V Adhav	Attendant
Mr A U Dhame	Attendant

1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (FE) (Prod/Sw)	-	-	-	-	-	-	1	-	-	-	-	-	1	-

1.7 STUDENTS–FACULTY FEEDBACK DETAILS

Term One					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr N G Shekapure	BE Prod SW, Creative Product Design	87	93	90
2	Mr V Y Sonawane	BE Prod SW, Manufacturing Automation	68	81	74.50
3	Mr V D Dholle	BE Prod SW, Operation Research	78	91	84.5
4	Mr M A Kelkar	SE Prod SW, MPI	90	90	90
5	Mr M A Kelkar	BE Prod SW, Mini Project	95	95	95
6	Mr S S Kallurkar	SE Prod SW, H&FE	100	100	100
7	Mr S S Kallurkar	BE Prod SW, Mini Project	86	90	88
8	Mr S N Chiwande	BE Prod SW, Industrial Robotics	80	91	86
9	Mr S K Bidgar	SE Prod SW, Material Science & Metallurgy	100	100	100
10	Mr M L Chanpur	SE Prod SW, Strength of Materials	100	100	100
11	Ms Y K Funde	TE Electrical, Industrial & Technology Management	79	79	79
12	Ms Y K Funde	/BE PSW Mini Project	79	96	87.50

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr N G Shekapure	SE Prod SW, Industrial Engineering & Management	100	96	98
2	Mr V Y Sonawane	TE Prod SW, Metal Forming and Mold Design	89	87	88
3	Mr V D Dholle	TE Prod SW, Kinematics and Design of Machines	89	81	85
4	Mr M A Kelkar	TE Prod SW, Metrology & Quality Control	90	90	90
5	Mr S S Kallurkar	TE Prod SW, Statistics and Numerical Optimization methods	89	79	84
6	Mr S N Chiwande	SE Prod SW, Theory of Machines	100	88	94
7	Mr S K Bidgar	SE Prod SW, Manufacturing Process - II	100	100	100
9	Mr M L Chanpur	SE Prod SW, Design of Machine Elements	99	83	91
10	Mr M L Chanpur	SE Prod SW, Soft Skills	100	84	92
11	Ms Y K Funde	TE Prod SW, World Class Manufacturing	92	86	89
12	Ms Y K Funde	SE Prod SW, Programming in C Language Lab	100	98	99

1.8 RESULT ANALYSIS

Term One (Nov/Dec 2021)					
Name of faculty	Class and Subject Taught	% Passing	Name of faculty	Class and Subject Taught	% Passing
SE					
Mr K B Kshirsagar	MIII	96.29	Mr M A Kelkar	MP I	100
Mr S S Kallurkar	H & FE	100	Mr S K Bidgar	M S & M	100
Mr M L Chanpur	SOM	100			
TE					
Dr N G Shekapure & Staff	IIT (TW)	100	Dr N G Shekapure & Staff	Seminar (OR)	100
Dr N G Shekapure & Staff	IIT (OR)	100	Mr V D Dholle	MT (PP)	100
Dr N G Shekapure & Staff	Seminar (TW)	100	Mr V D Dholle	MT (TW)	100
BE					
Mr V D Dholle	OR	100	Mr S N Chiwande	AE	100
Ms Y K Funde	M & R	100	Dr N G Shekapur	MML	100
Mr V Y Sonawane	APT	100	Mr M A Kelkar	E&HFE	100

Term Two (May/June 2022)					
Name of faculty	Class and Subject Taught	% Passing	Name of faculty	Class and Subject Taught	% Passing
SE					
Dr L S Godse	EIE	86	Dr N G Shekapure	IE& M	71
Mr S N Chiwande	TOM	75	Mr S K Bidgar	MP II	61
Mr M L Chanpur	DME	61			
TE					
Mr V D Dholle	KDM	85	Mr M A Kelkar	MQC	90
Mr S S Kallurkar	S&NOM	90	Mr V Y Sonawane	MF& MD	87
Ms Y K Funde	WC MFG	80			
BE					
Dr N G Shekapure & Staff	IIT(TW)	100	Dr N G Shekapure & Staff	TPP (TW)	100
Dr N G Shekapure & Staff	IIT(OR)	100	Dr N G Shekapure & Staff	TPP (OR)	100
Dr N G Shekapure & Staff	Project (TW)	100	Mr M A Kelkar	SCM(PP)	100
Dr N G Shekapure & Staff	Project(O R)	100	Mr M A Kelkar	SCM(TW)	100

1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)

Term One												
SN	Class	Number of Students = 154									Percentage of Passing	
		App eare d	Clear Passe d	Outstandi ng (O) (9.1 -10)	Excellen t (A+) (8.1 – 9)	Very Goo d (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Avera ge (B) (5.1 – 6)	Averag e / pass class (4 – 5)	Fail (F) 0 – 3.99	All Clear	With ATK T
1	SE	27	26	—	19	7	—	—	—	—	96.3	100
2	TE	53	52	52	—	—	—	—	—	—	98.12	100
3	BE	73	73	72	1	—	—	—	—	—	100	—

Term Two												
SN	Class	Number of Students = 155									Percentage of Passing	
		Appe ared	Clear Passed	Outstandin g (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Averag e (B) (5.1 – 6)	Average / pass class (4 – 5)	Fail (F) 0 – 3.99	All Clear	With ATK T
1	SE	28	13	—	2	10	1	—	—	—	43	100
2	TE	54	39	12	23	4	—	—	—	—	72.22	100
3	BE	73	73	69	4	—	—	—	—	100	—	—

Term Two Final Result for BE Classes (Based on CGPA)												
SN	Class	Number of Students									Percentage of Passing	
		App eare d	Clear Passe d	Outstandi ng (O) (9.1 -10)	Excellen t (A+) (8.1 – 9)	Ver y Goo d (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Averag e / pass class (4 – 5)	Fail (F) 0 – 3.99	All Clea r	Wit h AT KT
1	BE	73	73	69	4	—	—	—	—	—	100	—

1.10 UNIVERSITY RANKERS (Consider last five academic years)

Year 2021 - 22 (Oct 21) Academic Term I			
Sr No	Name of the Ranker	Class	Rank
1	DHAKE PURVESH PRAVIN	SE	1st
2	DESHMUKH SHRIGANESH PRAVINCHANDRA	SE	2nd
3	YASH JAGDISH TADAS	SE	3rd
4	MANDHARE ATHARVA RAVINDRA	SE	4th
5	PATIL ADITYA KAILAS	SE	4th
1	THAKARE JANHAVI CHANDRASHEKHAR	TE	1st
2	PAWAR SHANKAR GANESH	TE	2nd
3	SONAR PRATIK DATTATRAY	TE	2nd
4	CHAWARE KARTIKI SHANKAR	TE	3rd
5	JAJU KESHAV MATHURADAS	TE	4th
1	SHINDE RAJVEER VEERENDRA	BE	1st
2	SHINDE ANURAG AVADHUT	BE	1st
3	MARKANDE KALYANI MILIND	BE	1st
4	SARODE OMKAR SANJAY	BE	2nd
5	PAWAR PRATHAMESH JIJABHAU	BE	3rd

Year 2021 - 22 (May 22) Academic Term II			
Sr No	Name of the Ranker	Class	Rank
1	DESHMUKH SHRIGANESH P	SE	1st
2	GHAROTE SAISHNU SANJAY	SE	2nd
3	PATIL ADITYA KAILAS	SE	3rd
4	THAKUR EKTA SHANMUKH	SE	4th
5	MANDHARE ATHARVA RAVINDRA	SE	5th
1	MANE HRUSHIKESH GORAKH	TE	1st
2	WAGH RUTUJA SURESH	TE	2nd
3	CHAWARE KARTIKI SHANKAR	TE	3rd
4	KADAM RUTUJA UDAY	TE	3rd
5	AMRUTKAR RUSHIKESH LAXMAN	TE	4th
1	SHREYASH DNYANDEO ASANE	BE	1st
2	SOMOSHI AKSHAY RAKHMAJI	BE	2nd
3	KAKADE PRATIKSHA ANANT	BE	3rd
4	KACHI OMKAR BIPIN	BE	4th
5	RANE TEJAS ATUL	BE	4th

2. FACULTY CONTRIBUTION

2.1 ACHIEVEMENTS OF FACULTY

(AWARDS, RECOGNITION, PHD COMPLETION ETC.) (ALL FACULTIES)

SN	Name of Faculty	Awards & Recognitions
1	Dr N G Shekapure	Elected as a BOS Member (Production & Industrial Engineering) at SPPU, Pune
2	Mr V Y Sonawane	Eminent Jury member National convention, Indian Institution of Industrial engineering Pune chapter 16th and 17th December 2022 theme paper contest

2.2 CONTRIBUTION OF FACULTY (Interaction with outside world)

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National, International level, corporate world, Social Platforms, etc)
1	Dr N G Shekapure	Delivered a Expert lecture on topic “Ensuring Students Engagement during Online teaching”, at FabTech College of Engineering on 25/08/2022
2	Mr S K Bidgar	Published an International Patent on “Hybrid Technology for Facilitating Parking for Vehicles in Congested Areas” on 03/08/2022.

Term Two		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National, International level, corporate world, Social Platforms, etc)
1	Mr V Y Sonawane	Resource person for One Week Short Term Training Program (STTP) on “EMERGING TRENDS IN MECHANICAL ENGINEERING” at Dr. V. B. Kolte College of Engineering, Malkapur Dist-Buldana, In association with ISTE Local Chapter
2	S S Kallurkar	Published and Presented paper at International Conference on Material Characterization at GHIRET Hyderabad titled “Identifying User Experience Issues For Computer Aided Design (CAD) Software: A Survey and Exploratory Factor Analysis To Identify The Issues To Implement Artificial Intelligence For Improving User Experience.”

2.3 E-CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE

Term One				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	Link of the content
1	Ms Y K Funde	PPT/ Video	Mail/ Whatsapp	
2	Mr M L Chanpur	Lecture Notes	Google Drive and ERP	
3	Dr N G Shekapure	PPT / Lecture Notes / Question Bank	Google Drive	
4	Mr V Y Sonawane	PPT / Lecture Notes / Question Bank	Mail/ Whatsapp Google Drive	
5	Mr Veejhay Dholle	PPT / Lecture Notes / Question Bank	Google Drive	
6	Mr S K Bidgar	PPT / Lecture Notes / Question Bank	Google Drive and Whatsapp Group	

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Ms Y K Funde	PPT/ Video	Mail/ Whatsapp	
2	Mr V Y Sonawane	PPT / Lecture Notes / Question Bank	Google Drive	
3	Mr M L Chanpur	Lecture Notes	Google Drive and ERP	
4	Mr S K Bidgar	PPT / Lecture Notes / Question Bank	Google Drive and Whatsapp Group	

2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Mr S N Chiwande	Developing Soft Skills & Personality	NPTEL MoE GoI & IITK	08 Week Course
2	Mr M L Chanpur	Trends and Challenges in Development of Electric Vehicles and Hybrid Electric Vehicles	Lendi Institute of Engineering and Technology, Kakinada	01 Week
3	Dr N G Shekapure	E-Learning Authoring Tools	NITTTR, Chennai	01 Week
4	Dr N G Shekapure	Entrepreneurship Development and Start-ups	NITTTR, Chennai	01 Week
5	S S Kallurkar	E-Learning Authoring Tools	NITTTR, Chennai	01 Week
6	S S Kallurkar	Entrepreneurship Development and Start-ups	NITTTR, Chennai	01 Week
7	Mr V Y Sonawane	FDP on One Week Faculty Development Program on “Machine Learning”	Sinhgad Institute of Technology, Lonavala	01 Week
8	Mr V Y Sonawane	FDP on Trends and challenges in the development of Electrical vehicles and Hybrid electrical vehicles (Series 1)	Lendi Institute of Engineering and Technology Vizianagaram, Andhra Pradesh	01 Week
9	Mr V Y Sonawane	FDP on One Week Faculty Development Programme (Online) on “Industry 4.0 & Smart Manufacturing”	Padm. Dr. V. B. Kolte College of Engineering	01 Week
10	Mr V Y Sonawane	FDP on 14th Summer School in Tribology	Indian Oil Institute of Petroleum Management (IIPM), Gurugram	01 Week
11	Mr Veejhay Dholle	Laser Based Manufacturing	NPTEL MoE GoI & IIT Guwahati	08 Week Course
12	Mr S K Bidgar	LaTeX and Desktop Publishing	NITTTR, Chennai	01 Week
13	Mr S K Bidgar	E-Learning Authoring Tools	NITTTR, Chennai	01 Week

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
01	Mr S N Chiwande	IoT based Predictive Analytics using Artificial Intelligent	ATAL FDP	13/02/2023 to 24/02/2023
02	Mr V Y Sonawane	One Week Short Term Training Program (STTP) on “EMERGING TRENDS IN MECHANICAL ENGINEERING” Dr. V. B. Kolte College of Engineering, Malkapur Dist-Buldana,	ISTE	13th March 2023 to 17th March 2023
03	Mr S K Bidgar	One Week National Level Faculty Development Program on “Recent Advancement in Material, Micro-Manufacturing and Characterization (RAMMC-23)	ISTE	13 - 17 March 2023

2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Mr S N Chiwande	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023
2	Ms Y K Funde	Lean six Sigma yellow belt certification program	Binghamton University, USA	15/10/2022 to 18/10/2022
3	Ms Y K Funde	Energy Literacy Training	Energy Swaraj Foundation	23/02/2023
4	Dr N G Shekapure	PARAKH AICTE Self learning Assessment Test	AICTE	04/10/2022
5	Mr V D Dholle	PARAKH AICTE Self learning Assessment Test	AICTE	17/10/2022
6	Mr M L Chanpur	Triz Talk Chapter 7	Triz Asia	29/07/2022
7	Mr S N Chiwande	A one-day workshop on industrial robotics	Autofina Robotics.	30/07/2022

8	Mr S N Chiwande	“What do you mean by Prakriti, How disease is formed? Solution is Agnihotra Healing.”	AISSMS COE & NSS	26/08/2022.
9	Mr S N Chiwande	“Rejuvenate with Yoga”	NSS and FE Department	05/09/2022
10	Mr S N Chiwande	"Awareness in Industrial Automation & PLC-SCADA " delivered by Sofcon India Pvt Ltd on	Department of Production Engineering	15/09/2022.
11	Mr S N Chiwande	Attended PCSIC Startup Conclave	PCSIC, Pune	22/12/2022
12	Mr V Y Sonawane	Attended Webinar Augmented Reality in Learning Environment Resource Person Dr. Syed Ali Fathima	Kumaraguru College of Technology Coimbatore	25/07/2022
13	Mr V Y Sonawane	Attended a Seminar by Ayurvedacharya, an event coordinated with NSS on the topic “What do you mean by Prakriti, how disease is formed? Solution is Agnihotra Healing.”	AISSMS COE	26/08/2022
14	Mr V Y Sonawane	Attended a guest lecture on “Rejuvenate with Yoga”, which was organized by the NSS and FE Department	AISSMS COE	05/09/2022
15	Mr V Y Sonawane	Attended online Inauguration Ceremony of SPPU Pavilion Building, Synthetic Track and Indoor Hall	Savitribai Phule Pune University	07/07/2022
16	Mr V Y Sonawane	Attended Unnat Bharat Abhiyan,	MHRD Govt. of India program at AISSMS COE	07/07/2022.
17	Mr V Y Sonawane	Attended “YUVAWANI- Author's meet”, an initiative of Shivdarpan Magazine Committee,	AISSMS COE	29/08/2022
18	Mr M A Kelkar	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr N G Shekapure	Energy Literacy Training	Energy Swaraj Foundation	20/02/2023
2	Mr S N Chiwande	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023
3	Mr V Y Sonawane	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023
4	Mr M L Chanpur	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023
5	Mr V Dholle	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023
6	Mr S N Chiwande	Symbol of Knowledge	AISSMS COE NSS	13/04/2023
7	Dr N G Shekapure	Symbol of Knowledge	AISSMS COE NSS	13/04/2023
8	Mr S K Bidgar	Symbol of Knowledge	AISSMS COE NSS	13/04/2023
9	Mr S N Chiwande	Intellectual Property Rights: An overview for Innovation & Growth”	Production Engineering Department AISSMS COE	14/03/2023
10	Mr V Y Sonawane	Intellectual Property Rights: An overview for Innovation & Growth”	Production Engineering Department AISSMS COE	14/03/2023
11	Mr S K Bidgar	Intellectual Property Rights: An overview for Innovation & Growth”	Production Engineering Department AISSMS COE	14/03/2023
12	Dr N G Shekapure	Intellectual Property Rights: An overview for Innovation & Growth”	Production Engineering Department AISSMS COE, Pune on	14/03/2023
13	Mr M A Kelkar	Intellectual Property Rights: An overview for Innovation & Growth”	Production Engineering Department AISSMS COE, Pune	14/03/2023
14	Mr S N Chiwande	NASSCOM SME Confluence 2023, Pune	NASSCOM	23/03/2023
15	Ms Y K Funde	“Symbol of Knowledge”	AISSMS COE NSS	13/04/2023
16	Mr S K Bidgar	Energy Literacy Training	Energy Swaraj Foundation	27/02/2023

2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1				

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Mr S S Kallurkar	International Conference on Material Characterization 2023 (ICMPC 2023).	GRIET Hyderabad	24/03/2023 to 26/03/2023

2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Mr M L Chanpur	Matlab Modelling of Physical Systems	Inspire Infotech Solutions	26/11/2022 to 28/11/2022
2	Mr V D Dholle	Laser Based Manufacturing- NPTEL Course	IIT- Guwahati	8 Weeks (22 August -14 Oct 2022)

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
01				

2.8 EXTENSION LECTURES / WEBINARS (Lectures organized on other than technical topics))

Term One					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Dr N G Shekapure	“Opportunities for higher education in Germany after an Undergraduate Degree’	Miss Aishwarya Bhosale	21/09/2022	26
2	Mr V Y Sonawane	Organized Engineers Day with production Students and Faculty	AISSMS COE Pune Production Department	15/09/2022	35

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1					

2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr N G Shekapure	Ensuring Students Engagement during Online teaching	FabTech College of Engineering	25/08/2022
2	Dr N G Shekapure	Judge for Avishkar Competition 2022-23	AISSMS COE, Pune	15/09/2022
3	Mr S N Chiwande	FE Induction on Entrepreneurship Awareness	FE Department, AISSMS COE, Pune	21/11/2022 to 24/11/2022
4	Mr V Y Sonawane	Judge for Avishkar Competition 2022-23	AISSMS COE, Pune	15/09/2022

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Mr S N Chiwande	Appointed as judge for FTC-Asia Pacific Robotic Competition 2022–23 at Shree Shiv Chhatrapati Sports Complex, Pune	FTC-Asia Pacific Robotic	10/03/2023 to 12/03/2023
2	Mr S N Chiwande	Delivered the lecture in Entrepreneurship Awareness Camp sponsored by DST GoI, under E&SD-Cell	AISSMS E&SD Cell in association with DST GoI	08/02/2023

3. ACTIVITIES ORGANIZED

3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/Seminar/Symposium	Duration/Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)

Term Two					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/Seminar/Symposium	Duration/Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)

3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator /s	Title of the Seminar/Webinar	Duration/Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Mr S N Chiwande	AISSMS CoE, ESD-cell organized a two-day training on the "Entrepreneur Awareness Program" in collaboration with BYST, Pune	29/08/2022 to 30/08/2022	20	BYST, Pune
2	Mr S N Chiwande	Entrepreneurship Pune Summit in association with IIT-B & AISSMS COE Pune	24/11/2022 to 26/11/2022	200	AISSMS COE, Pune Rs 29000/-
3	Mr V Y Sonawane	Organised one day workshop PLC /SCADA awareness for Industrial Automation with Sofcon India Pvt Lid Pune	11/09/2022	48	AISSMS COE Pune, Production Department collaboration with Sofcon India Pvt Lid Pune

	Mr V Y Sonawane	Industrial visit at Automation EXPO 2022 Bombay Exhibition Center at Goregaon Mumbai	15/09/2022	48	Bombay Exhibition Center at Goregaon Mumbai
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Term Two					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
	Mr V Y Sonawane	Event Name: “ Intellectual Property Rights: An Overview for Innovation and Growth. ” Guest Name: Mr ARPIT JAIN Topic : Examiner of Patents and Designs & NIPAM officer Patent office, Mumbai DPIIT, Ministry of commerce and industry, Govt. of India	14/03/20 23	109	NIPAM office Patent office, Mumbai DPIIT, Ministry of commerce and industry, Govt. of India

3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the Conference / Symposium	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)

Term Two					
S N	Name of Coordinator/ s	Title of the Conference / Symposium	Duration n/ Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)

3.4 EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT

(Social activities / Quizzes at national/international level/any other activity)

Term One				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1				

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1				

3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Mr S N Chiwande	BYST, Pune	04/12/2020	04/12/2025
2	Mr S N Chiwande	Pune Management Association, Pune	20/09/2021	

Term Two				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
01	Mr S N Chiwande	B&R Industrial Automation, Pune	01/03/2023	01/03/2025

Total Functional / Live MoU initiated by Department				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
01	Dr N G Shekapure	Elon Power Pvt. Ltd	22/02/2022	21/02/2027
02	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
03	Ms Y K Funde	Sofcon Pvt Ltd Pune	18/10/2017	17/10/2022
04	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
05	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022

06	Mr S N Chiwande	BYST, Pune	04/12/2020	04/12/2025
07	Mr S N Chiwande	Pune Management Association, Pune	20/09/2021	
08	Mr S N Chiwande	B&R Industrial Automation, Pune	01/03/2023	01/03/2025

3.6 STUDENTS' CHAPTERS/CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	IE(I) Production Engineering Students Chapter	Nil

EVENTS ORGANISED (By Students' Chapters / Clubs and others)

Name of Students' Chapter: IE(I) Production Engineering Students Chapter

Faculty Advisor: Mr Veejhay Dholle

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Seminar by Ayurvedacharya, an event coordinated with NSS on the topic "What do you mean by Prakriti, How disease is formed? Solution is Agnihotra Healing."	Dr. Girija Rajimwale	26/08/2022.	60
2	One day Seminar- Awareness of Industrial Automation for PLC - SCADA along with Sofcon India Pvt. Ltd Pune	Sofcon India Ltd.,	15/09/2022	42
3	Organized Engineers Day with production Students and Faculty	1.Mr. Shubham Sharma 2.Ms. Priya Morgaonkar Sofcon India Pvt. Ltd.,	15/09/2022	42

4	Expert talk on “Opportunities for Higher Studies in Germany”	Ms Aishwarya Bhosale	21/09/2022	19
5	Industrial Visit of BE PSW Students at Automation 2022, Mumbai	Mr S S Kallurkar	18/08/2022	

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries

3.7 SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment, Awareness Programms, etc.)

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

Term Two			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended

3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
Mr M A Kelkar	Saturday, 25/02/2023	as per report	45

3.10 SUPPORT FROM ALUMNI:

Term One					
Sr No	Name of Alumni	Position and Organization	Batch (e.g. 2014 – 2018)	Details of Support	Date
1	Miss Aishwarya Bhosale	MS Student at University of Hof, Germany	2018-2021	Delivered a Expert lecture on topic “Opportunities for higher education in Germany after an Undergraduate Degree’	21/09/2022

Term Two					
Sr No	Name of Alumni	Position and Organization	Batch (e.g. 2014 – 2018)	Details of Support	Date

3.11 INTERACTION WITH ALUMNI

Term One				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
01	Miss Aishwarya Bhosale	Expert lecture	21/09/2022	32

Term Two				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries

3.12 DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL

Number of students referred for counseling	
Number of Faculty referred for counseling	9

Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS



Glimpses of the Alumni Meet on 25/02/2023
Department of Production Engineering



Department Advisory Board Meeting on 04/03/2023



Mr V Y Sonawane as a resource person

AISSMS COLLEGE OF ENGINEERING
ज्ञानम् सफलजननदियाय
Approved by AICTE, New Delhi, Recognized by Government of Maharashtra
Affiliated to Savitribai Phule Pune University and recognized 201 and 12(B) by UGC
(Ed No. PUP/Engg./093 (1992)
Accredited by NAAC with "A" Grade

75 Azadi Ka Amrit Mahotsav
G20 भारत 2023 INDIA
INSTITUTION'S INNOVATION COUNCIL
University of Excellence Institute

Presenting the glimpses of an enlightening session on
THE INTELLECTUAL PROPERTY RIGHTS: AN OVERVIEW FOR INNOVATION & GROWTH

Led by
Mr. Arpit Jain
Examiner of Patents & Designs
Patent office, Mumbai
DPIIT, Ministry of Commerce & Industry, Govt. of India

Held on 14th March 2023

Regards,
Mr. V. Y. Sonawane (Coordinator), **Dr. N. G. Shekapure** (HOD, Production Engineering)
Dr. D. S. Bormane (Principal)

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Glimpses of the Event organized by Department of Production Engineering



Dr D S Bromane, Principal AISSMS, COE facilitated the guest Mr Arpit Jain on
14/03/2023

4.RESEARCH CONTRIBUTION

4.1 FUNDED RESEARCH PROJECT

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency

Term Two				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency

FUNDING RECEIVED FOR ANY OTHER ACTIVITY

Term One				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1				

Term Two				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1				

4.2 TESTING AND CONSULTANCY

Term One			
Sr. No.	Faculty Coordinator	Details of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)

Term Two			
Sr. No.	Faculty Coordinator	Details of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)

4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

Term One				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)

Term Two				
Sr No	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1	Dr N G Shekapure	IOT BASED SOLAR POWERED AGRICULTURE ROBOT	381449-001 Date: 14/03/2023	National

PUBLICATIONS

4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by

4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr N G Shekapure	Evaluation of Success Factors in Professional	2022	Journal Of Optoelectronics Laser	1005-0086	Journal Of Optoelectr

		Business Incubation, pg no. 202-210		Volume 41 Issue 8		onics Laser
2	Dr N G Shekapure	Survey Paper on Extraction of 3D image Data for Detecting Chest Diseases, pg no. 249-253	2022	Journal of Optoelectronics Laser Volume 41 Issue 8	1005-0086	Journal of Optoelectronics Laser
3	Dr N G Shekapure	Cognitive Analysis of Employer for Identifying Incubation Success Factors, pg no. 6139-6147	2022	Journal of NeuroQuantology Volume 20 Issue 6	1303-5150	Journal of NeuroQuantology
4	Dr N G Shekapure	Cognitive Analysis of User for Suggesting Learning Objects, pg no. 6130-6138	2022	Journal of NeuroQuantology Volume 20 Issue 6	1303-5150	Journal of NeuroQuantology
5	Dr N G Shekapure	Clinical Data Analysis of Patient and Recommendation , pg no. 6148-6155	2022	Journal of NeuroQuantology Volume 20 Issue 6	1303-5150	Journal of NeuroQuantology

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr N G Shekapure, Mr S S Kallurkar	Improving Productivity by Using RULA: A Case Study	2023	Scandinavian Journal of Information Systems, Vol 35 No 1, Pg No 219-225	0905-0167	Scandinavian Journal of Information Systems

4.6 BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr N G Shekapure	Data Analysis for Technical Business Incubation Performance Improvement, pg no. 195 to 211	Data Science: Techniques and Intelligent Application	97810 03283 249	2022

Term Two				
Author	Title of the Book	Published by	ISBN	Year

4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30thMay)

Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-index, i10 index
Dr N G Shekapure			

Total Citations of Department:

4.8 ME AWARDED (NA)

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate

4.9 PhD GUIDE DETAILS (NA)

Name of Faculty who are PhD Supervisor	Number of Scholars Registered

4.10 PhD AWARDED (For departments having Ph.D research centers) (NA)

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate

INTERACTION WITH INDUSTRY

5.1 INDUSTRY VISITS ORGANIZED

Term One				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Mr V Y Sonawane	BE Prod SW 48	Industrial visit at Automation EXPO 2022 Bombay Exhibition Center at Goregaon Mumbai	18 th August, Thursday , 2022

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit

5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date

5.3 INDUSTRY –SPONSORED PROJECTS (UG/PG) ((Excluding Sandwich Projects)

Sr. No.	Name of Project guide	Title of Industry Sponsored Project	Name of Sponsoring Industry

5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)

Term Two				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid up to (00/00/0000)
1	Mr S N Chiwande	B&R Automation, Pune	01/03/2023	01/03/2025
2	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
3	Dr N G Shekapure	Elon Power Pvt. Ltd	22/02/2022	21/02/2027
4	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022

TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
2	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
3	Mr S N Chiwande	B&R Automation	01/03/2023	01/03/2025
4	Mr V Y Sonawane	X-Cubator	18/03/2021	18/03/2024
5	Dr N G Shekapure	Elon Power Pvt Ltd	22/02/2022	21/02/2027

5.5 FACULTY MEMBERS UNDERGO INDUSTRIAL TRAINING

Term One			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration
01	Mr M L Chanpur	Cluster Engineering, Chinchwad	12/12/2022 to 23/02/2023, (11 week)

Term Two			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration

5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME (Excluding Sandwich Training)

5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANIZATION OF WORKSHOPS/SEMINARS/WEBINARS/CONFERENCES/COURSES AND ANY OTHER CONTRIBUTION OF INDUSTRY

Term One			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution
01	Mr M L Chanpur	Mr Rahul Mali, ARaymond Fasteners Pvt Ltd	Industry Institute Interaction and Alumni Interaction at Company on 19/08/2022

Term Two			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution

5.8 TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY

Term One			
Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name

Term Two			
Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name

5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

Term One			
Sr. No.	Faculty coordinator	Name of Activity	Remark
01	Mr M L Chanpur	MCCIA Edu Fest 2022 in Maharashtra Chambers of Commerce Senapati Bapat Road on 26/11/2023	Interacting with Industry HR and Director for identifying their expectation from the colleges
02	Mr M L Chanpur	Faculty visit to SAJ Test Plant Pvt Ltd, Mundhwa and Jaw Industries	For Placement, IIT and Consultancy.
03	Dr N G Shekapure	Faculty Visit to Autofina Robotics	Interaction on future prospect in Robotics and Automation
04	Mr S K Bidgar	Schneider Electric India Pvt. Ltd. A-9/10, MIDC, Ahmednagar	for TE PSW Student visit Reading students Industrial Inplant Training and Project Activity
05	Mr V Dholle	SAJ Test Plant Pvt Ltd, Mundhwa , Pune	for TE PSW Student visit Reading students Industrial Inplant Training and Project Activity

Term Two			
Sr. No.	Faculty coordinator	Name of Activity	Remark
1	Ms Y K Funde	DAB	Syllabus / Lab development/ CO-PO Framing & mapping
2	Mr V Y Sonawane	Visit to ALPHA LAVAL Industry PUNE	For Placement, IIT

03	Mr M L Chanpur	Soudamini Instruments, Pune	For IIT and Placement
04	Ms Y K Funde	Visit to ElectroFab Pvt Ltd, Pune	BE PSW Student Reading students project activity
05	Mr S K Bidgar	Harish Trading Company, MIDC, Ahmednagar & Schneider Electric India Pvt. Ltd. A-9/10, MIDC, Ahmednagar	for BE PSW Student visit Reading students Industrial Inplant Training and Project Activity
06	Mr V Dholle	ATS Conveyors Pvt Ltd., Chakan, Pune	for BE PSW Student visit regarding students Industrial Inplant Training and Project Activity

5.10 STUDENTS UNDERGONE SANDWICH TRAINING (For Mechanical & Production departments)

Term One						
Sr. No	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	KALE PRANAV PRATAP	FIAT India Automobile Private limited	TE	7/12/2022	1/4/2023	177
2	PARNERKAR ATHARVA UMESH	Thermax Limited	TE	8/5/2022	2/5/2023	185
3	TAKUR EKTA SHANMUKH(ES)	Vanaz Engineers Ltd	TE	7/5/2022	1/4/2023	183
4	GHAROTE SAISHNU SANJAY	Thermax LTD	TE	8/5/2022	2/5/2023	185
5	KHAN MUHAMMED JAWWAD	Sharada Industries	TE	7/18/2022	1/4/2023	171
6	PATIL ADITYA KAILAS	Cu-built Engineers PVT LTD	TE	7/5/2022	1/5/2023	184

7	GAIKWAD PRATIK TRUSHANT	Sharada Industries	TE	7/18/2022	1/4/2023	171
8	TADAS YASH JAGDISH	SKF	TE	7/18/2022	1/11/2023	178
9	BHOSALE SAHIL MANOJ	Thermax Ltd	TE	8/5/2022	2/5/2023	185
10	DESHMUKH SHRIGANESH PRAVINCHAND RA	THERMX LTD, Bhosari, Pune.	TE	8/5/2022	2/5/2023	185
11	DESHMUKH SATYAJEET GOPALKRUSHN A	SKF India Pvt	TE	7/4/2022	1/4/2023	184
12	DHAKE PURVESH PRAVIN	Victory Precision Pvt.Ltd	TE	7/15/2022	1/15/2023	185
13	KACHI ADITYA GIRISH	SAJ TEST PLANT PUNE	TE	7/11/2022	1/10/2023	184

(Guide of TE Sem I (ALL))

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
01	PAWAR SWEJAL RAJENDRA	ADVIK HI-TECH PVT. LTD	BE	23/12/20 23		180
02	MANE HRUSHIKESH GORAKH	ALFA LAVAL INDIA PVT. LTD	BE	15/01/20 23		180
03	MACHE RADHIKA SANJAY	ATHARVA GROUP OF INDUSTRIES PVT LTD	BE	16/01/20 23		180
04	SIDDHANT DEVIDAS PASALKAR	ATLAS COPCO INDIA LIMITED	BE	16/01/20 23		180
05	JAWALKAR ABHISHEK SHEKHAR	ATLAS COPCO INDIA LIMITED	BE	16/01/20 23		180

06	CHAWARE KARTIKI SHANKAR	ATLAS COPCO INDIA LIMITED	BE	16/01/23		180
07	PATIL AAYUSH SHRINIWAS	ATLAS COPCO INDIA LIMITED	BE	16/01/20 23		180
08	SHIVALIKAR SACHHIDANAN D SANJAY	ATLAS COPCO INDIA LIMITED	BE	17/01/20 23		180
09	RITE AKASH SATISH	ATLAS COPCO INDIA LIMITED	BE	17/1/202 3		180
10	THAKARE JANHAVI CHANDRASHEK HAR	ATS CONVEYORS PTV LTD.	BE	13/ 01/ 2023		180
11	GHARDE NOVIL PRAMOD	CEAT TYRES LTD	BE	09/01/20 23		180
12	DALVI PRAJAKTA HEMANT	CRANE PROCESS FLOW TECHNOLOGY	BE	1/02/202 3		180
13	ABHIJEET PANDEY	GIRNAR ISUZU CARS PVT. LTD	BE	23/01/20 23		180
14	GUJARATI PALASH	HARISH TRADING CO	BE	01/01/20 23		180
15	PATIL DNYANESH MUKUNDA	INTEVA PRODUCTS INDIA AUTOMOTIVE PVT LTD	BE	15/01/20 23		180
16	MULAY KAIWALYA SANDIP	K.K.NAG PVT. LTD	BE	13/02/20 23		180
17	PATIL PRASHANT GOKUL	KAIVALYA ELECTRICALS	BE	15/01/20 23		180
18	JAJU KESHAV MATHURADAS	KNEST ALUFORMS	BE	27/01/ 2023		180
19	DODAL KALPESH KISHOR	KNEST MANUFACTURERS LLP	BE	13-01- 2023		180
20	THORAT VAIBHAV NANDKISHOR	L. E. TRANSFORMATION	BE	23/01/20 23		180
21	GAIKWAD SUSHANT SHESHRAO	L.E TRANSFORMATION	BE	23/01/20 23		180

22	PATIL AKASH RANGNATH	L.E TRANSFORMATION CONSULTANT FIRM.	BE	23/01/20 23		180
23	KOLEKAR MEHUL BALKRISHNA	L.E. TRANSFORMATION	BE	23/01/20 23		180
24	EKSHINGE PRASAD PANDHARINAT H	L.E. TRANSFORMATION	BE	23/01/20 23		180
25	PAWAR SHANKAR GANESH	LE TRANSFORMATION	BE	23/01/20 23		180
26	PATIL LOKESH RAJIV	LEAR CORPORATION	BE	16/01/20 23		180
27	LOHANDE SAHIL ASHOK	MAGNUM FORGE & MACHINE WORKS PVT LTD	BE	15/01/20 23		180
28	ABHISHEK UTTAM AMBUPE	MAURYA GROUP OF INDUSTRIES	BE	05/02/20 23		180
29	MORE ROHIT RAJENDRA	MAURYA INDUSTRIES	BE	24/01/20 23		180
30	SAID SIDDHANT VISHWAS	METACOAT INDUSTRIES UNIT 2	BE	24/01/20 23		180
31	GAIKWAD SAKSHI MOHAN	METAMORPHIC HEAT TREATMENT	BE	15/01/20 23		180
32	HONKARPE ABHIJEET BALASAHEB	NOQS DIGITAL PVT. LTD	BE	13/01/20 23		180
33	SIDDIQUI ZAIN FARHATEJAJ	SAARLOHA ADVANCE PVT LTD	BE	12/12/20 23		180
34	VINAYKUMAR SRINIVASULU JALAGAM	SANJAY INDUSTRY	BE	23/01/20 23		180
35	KACHAVE NARAYAN BHAGWAN	SAUDAMINI INSTRUMENT KOTHRUD PUNE	BE	01/02/20 23		180
36	JADHAV SHREYAS VIJAY	SERUM INSTITUTE OF INDIAN PVT.LTD	BE	10/01/20 23		180
37	BHAKRE SHIVAM DILIP	SHREE KAMDHENU AGRO INDUSTRIES	BE	06/02/20 23		180

38	SUROSHE KRUSHNA SHRIRAM	SHRI DAMODAR GINNING AND PRESSING INDUSTRIES	BE	05/02/20 23		180
39	BANDGAR SHUBHAM KISHOR	SOUDAMINI INSTRUMENT	BE	20/02/20 23		180
40	PAWAR GAURAV SUNIL	SPARKLE KITCHEN PVT LTD	BE	20/01/20 23		180
41	PATIL DHANARAJ SUMANT	STAR ENGINEER'S PVT,LTD.	BE	03/02/20 23		180
42	LATE SHREYAS JITENDRA	STAR MECH CONTROLS PVT. LTD	BE	01/02/20 23		180
43	MULANI ARMAN DADABHAI	STARS ENGINEERS INDIA PVT LTD	BE	06/02/23		180
44	PHAD PRANAV BALIRAM	SWIFT TOOLS AND MACHINES	BE	07/03/20 23		180
45	CHAVAN SARANG SUNIL	TALENTCORP SOLUTIONS PVT LTD	BE	28/01/20 23		180
46	BHOSALE GAURAV RAJENDRA	TATA CUMMINS PVT LTD	BE	17/02/20 22		180
47	ZAREKAR PRANAV SANTOSH	TATA MOTORS LTD	BE	21/02/20 23		180
48	SONAR PRATIK DATTATRAY	UDYOG ENGINEERING	BE	10/02/20 23		180
49	BHAGWAT KUANL VIJAY	UDYOG ENGINEERING	BE	10/02/20 23		180
50	PAROLEKAR SUNNY YATIN	UDYOG ENGINEERING	BE	10/02/20 23		180
51	KADAM RUTUJA UDAY	VANAZ ENGINEERS LIMITED	BE	01/02- /2023		180
52	AMRUTKAR RUSHIKESH LAXMAN	VANAZ ENGINEERS LIMITED	BE	16/01/20 23		180
53	WAGH RUTUJA SURESH	VANAZ ENGINEERS LIMITED	BE	16/01/20 23		180
54	SONWANE GANESH ASHOK	YEDESHWARI AGRO PRODUCTS LIMITED	BE	01/02/20 23		180

6.STUDENTS' ACHIEVEMENTS

6.1 STUDENTS' ACHIEVEMENT(Professional) (Individual Level) (Technical activities such as design competitions, paper presentation, technical quiz, Product development, innovation, etc.)

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

6.2 STUDENTS' ACHIEVMENTS (other than Professional) (Individual Level) (Social activities, etc.)

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)

6.3 CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS

(Certificate courses, value added courses, MOOC, etc.)

Term One				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1	Panday Abhijeet	Developing Soft Skills & Personality	NPTEL	08 Weeks
2	S D Pasalkar	Developing Soft Skills & Personality	NPTEL	08 Weeks
3	Prajakta H Dalvi	Developing Soft Skills & Personality	NPTEL	08 Weeks
4	Zarekar Pranav S	Developing Soft Skills & Personality	NPTEL	08 Weeks
5	Pratik G Mohire	Developing Soft Skills & Personality	NPTEL	08 Weeks
6	Mache Radhika S	Developing Soft Skills & Personality	NPTEL	08 Weeks
7	Rohit R More	Developing Soft Skills & Personality	NPTEL	08 Weeks
8	Amrutkar R L	Developing Soft Skills & Personality	NPTEL	08 Weeks
9	Rutuja S Wagh	Developing Soft Skills & Personality	NPTEL	08 Weeks
10	S Shivalikar	Developing Soft Skills & Personality	NPTEL	08 Weeks
11	Sahil A lokhande	Developing Soft Skills & Personality	NPTEL	08 Weeks
12	S M Gaikwad	Developing Soft Skills & Personality	NPTEL	08 Weeks
13	Chavan Sarang S	Developing Soft Skills & Personality	NPTEL	08 Weeks
14	Shivam D Bhakre	Developing Soft Skills & Personality	NPTEL	08 Weeks
15	Siddhant V Said	Developing Soft Skills & Personality	NPTEL	08 Weeks
16	Shankar G Pawar	Developing Soft Skills & Personality	NPTEL	08 Weeks
17	S Y PAROLEKAR	Developing Soft Skills & Personality	NPTEL	08 Weeks
18	Rutuja U Kadam	Developing Soft Skills & Personality	NPTEL	08 Weeks
19	V S JALAGAM	Developing Soft Skills & Personality	NPTEL	08 Weeks
20	K S Mulay	Developing Soft Skills & Personality	NPTEL	08 Weeks
21	AAYUSH PATIL	Developing Soft Skills & Personality	NPTEL	08 Weeks
22	A S Jawalkar	Developing Soft Skills & Personality	NPTEL	08 Weeks
23	Akash R Patil	Developing Soft Skills & Personality	NPTEL	08 Weeks
24	Akash Rite	Developing Soft Skills & Personality	NPTEL	08 Weeks
25	Dhanaraj S Patil	Developing Soft Skills & Personality	NPTEL	08 Weeks
26	P D SONAR	Developing Soft Skills & Personality	NPTEL	08 Weeks
27	D M Patil	Developing Soft Skills & Personality	NPTEL	08 Weeks
28	G A Sonwane	Developing Soft Skills & Personality	NPTEL	08 Weeks
29	G R Bhosale	Developing Soft Skills & Personality	NPTEL	08 Weeks
30	Janhavi Thakare	Developing Soft Skills & Personality	NPTEL	08 Weeks

31	K S Chaware	Developing Soft Skills & Personality	NPTEL	08 Weeks
32	DODAL K K	Developing Soft Skills & Personality	NPTEL	08 Weeks
33	H G MANE	Developing Soft Skills & Personality	NPTEL	08 Weeks
34	Mehul B Kolekar	Developing Soft Skills & Personality	NPTEL	08 Weeks
35	KACHAVE N B	Developing Soft Skills & Personality	NPTEL	08 Weeks
36	Lokesh Patil	Developing Soft Skills & Personality	NPTEL	08 Weeks
37	Prashant G Patil	Developing Soft Skills & Personality	NPTEL	08 Weeks
38	Swejal R Pawar	Developing Soft Skills & Personality	NPTEL	08 Weeks
39	Thorat Vaibhav N	Developing Soft Skills & Personality	NPTEL	08 Weeks
40	A U Ambupe	Developing Soft Skills & Personality	NPTEL	08 Weeks
41	Honkarpe A B	Developing Soft Skills & Personality	NPTEL	08 Weeks
42	Arman Mulani	Developing Soft Skills & Personality	NPTEL	08 Weeks
43	Kunal Bhagwat	Developing Soft Skills & Personality	NPTEL	08 Weeks
44	Keshav M Jaju	Developing Soft Skills & Personality	NPTEL	08 Weeks

Term Two				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates

6.4 NUMBER OF STUDENTS PLACED

Term One			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Fleetguard Filters		1
2	Inspira Enterprises		1
3	Knest Manufacturers LLP		1

Term Two			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed

Lower Package Offered: 3.00 Lakh

Higher package Offered: 4.00 Lakh

Average Package Offered: 3.5 Lakh

6.5 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS (GATE, GRE, UPSC, MPSC, CAT, TOEFL, any other examination)

Sr. No.	Name of Student	Examination	Examination / registration number

6.6 SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level achievements to be mentioned in institute level sports/Cultural committee report)

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

6.7 STUDENTS' ACHIEVEMENTS (Team Level)

Term One			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

Term Two			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

7. SUMMARY AND SWOC ANALYSIS

7.1 ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT (Not mentioned above) (HOD & ALL FACULTIES)

Sr. No.	Details

7.2 MISCELLANEOUS (SYLLABUS IMPLEMENTATION, MAJOR ADDITION IN INFRASTRUCTURE AND FACILITY, INNOVATIONS INTRODUCED, ETC.)

FACULTY	ACTIVITY

7.3 FEEDBACK FROM STAKEHOLDERS

Sr No	Stakeholder	Number of Feedbacks Received	Overall Feedback
1	Alumni		
2	Parents		
3	Employers		
4	Students		

7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

Developing Teaching-Learning Materials: The department prioritizes the development of high-quality teaching-learning materials. This includes creating comprehensive course materials, presentations, and digital resources that are accessible to students. By investing in well-structured and up-to-date educational materials, the department enhances the teaching process, making it more engaging and effective for both faculty and students. Regularly updating these materials to align with the latest developments in the field ensures that students receive the most relevant and valuable education.

Industry-Embedded Projects and Internships: To establish and maintain strong connections with industry, the department encourages students to engage in industry-embedded projects and internships. These experiences provide students with practical exposure to real-world challenges and solutions, allowing them to apply their academic knowledge in a professional context. By collaborating with industry partners, the department ensures that its curriculum remains industry-relevant and that students are well-prepared for future employment. These connections often lead to better placement opportunities for students and foster ongoing collaboration between the department and industry stakeholders.

7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

Nil

7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

Strengths:

1	Liasoning With Industries: The department's strong relationships with industries provide valuable insights, resources, and potential collaboration opportunities, enhancing students' practical knowledge.
2	Industry Exposure: Students benefit from exposure to real-world industry practices, which can better prepare them for the job market and foster a deeper understanding of their field.

3	Experienced Faculty & Good Retention Ratio: Having experienced faculty members contributes to the quality of education. A high retention ratio indicates faculty satisfaction and stability, which is crucial for maintaining academic excellence.
4	Specialized Facilities: Mention any state-of-the-art facilities or equipment the department has access to, which can further enhance teaching and research capabilities.
5	Strong Alumni Network: A strong alumni network can provide mentorship, job opportunities, and financial support to the department.

Weaknesses:

1	Less Number of PhD Faculty: To enhance research and academic credibility, the department should focus on recruiting and retaining more PhD-qualified faculty members.
2	Limited Consultancy and Research Grants: Insufficient funding for consultancy and research projects hampers innovation and collaboration with industries, hindering the department's growth.
3	Few R&D Funded Projects: A low number of research and development funded projects limit opportunities for faculty and students to engage in cutting-edge research.
4	Outdated Infrastructure: If there are any infrastructure limitations or outdated equipment, they should be addressed to stay competitive.
5	Limited Publication Output: The department's faculty should aim to increase their research publication output, contributing to the academic prestige of the institution.

Opportunities:

1	Utilization of Industrial Laboratories: The department can maximize the use of industrial laboratories for practical training and collaborative research during the students Industrial Inplant Training
2	Partnerships Through MoUs: By entering into Memorandums of Understanding with industries, the department can expand opportunities for training programs, consultancy, and joint projects.
3	Faculty Qualification and Up-Gradation: Supporting faculty in pursuing higher qualifications and professional development can enhance their teaching and research capabilities.
4	Diversify Research Funding: Explore diverse sources of research funding, including government grants, private organizations, and international collaborations.

5	Online and Hybrid Education: Leveraging online and hybrid teaching methods can help reach a broader student base and expand the department's influence.
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Challenges

1	Placement in Core Companies: Ensuring that students are placed in core companies related to their field of study can be challenging in a competitive job market.
2	Improving Patents and Copyrights: Encouraging faculty and students to engage in innovative research and seek patents and copyrights can be a lengthy process and may require additional resources.
3	Attracting Students for Production Programs: Attracting students to production programs may be challenging due to changing industry demands and competition from other departments or institutions.
4	Balancing Research and Teaching: Faculty may face difficulty in maintaining a balance between teaching and research, impacting the quality of both.
5	Financial Sustainability: Securing long-term financial sustainability for the department to support its growth and development is an ongoing challenge. Future plans should address this concern through strategic initiatives and fundraising efforts.

7.7 FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)

1	Enhance PhD Faculty Enrollment: The department aims to enroll a maximum number of faculty members for PhD programs to bolster research and academic excellence.
2	Strengthen Industry Connections for Placement: The department will intensify efforts to strengthen its industry connections, facilitating increased placement opportunities for students.
3	Expand Robotics and Automation Lab: There are plans to develop and expand the Robotics and Automation Lab, providing cutting-edge resources for research and hands-on learning in this rapidly evolving field.
4	Implement Smart Classrooms: The department will implement smart classrooms to enhance the effectiveness of the teaching and learning process, leveraging technology for a more interactive and engaging educational experience.

7.8 INITIATIVES TAKEN BY THE DEPARTMENT AT DEPARTMENT AND INSTITUTE LEVEL TO IMPROVE AND ASSURE QUALITY IN THE FOLLOWING AREAS

Area	Initiatives
Academics and overall profile of Department	To prepare course manual according to Blooms Taxonomy. To participate students' projects in National Design Research Forum competition, paper presentation, BAJA, SUPRA, EFFICYCLE and GARUDSHWA competitions. Students are motivated to participate various sports and cultural activities.
Organization of different activities	
Research and Innovation	Faculty members are provided with financial assistance and research grants to conduct research. As part of a commitment to fostering academic excellence, the department is actively promoting faculty development through doctoral programs. Currently, four dedicated faculty members are pursuing their PhDs in their respective fields.
Industry institute Interaction	Faculties are establishing contact with Industries, arranging guest lecture and students' projects with industry. Students' internship in Industry, industry visit and participation on advisory board.
Students' Achievements	Students are motivated to participate in various sports and cultural activities and for competitive examination.

SUMMARY SHEET (Annual)

S N	Activity/ Item	Activity		
		Term I	Term II	Total
		Numbers		
1	Students in the department	93		
FACULTY CONTRIBUTION				
2	e content development by faculty and available online	06	04	10
3	Number of FDP/STTP attended by the department faculty	13	03	16
4	Number of Seminars/ workshops/ webinars attended by the department faculty	18	16	34
5	Number of Conferences/ symposiums attended by the department faculty	-	01	01

6	Number of Online courses / certificate courses completed by department faculty	02	-	02
7	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	02	-	02
8	Number of Faculty served as resource person, expert, chairperson	04	02	06
ACTIVITIES ORGANISED				
9	Number of FDP/STTP organized by the department	-	-	-
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	04	01	05
11	Number of Conferences/ symposiums organized by the department (for faculty)	-	-	-
12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	-	-	-
13	MOU signed with academic and professional organizations	02	01	03
14	Number of Students' chapters /clubs	01	-	01
15	Number of Social activities organized	-	-	-
16	Number of Parent meeting	-	01	01
17	Number of Alumni meet	-	01	01
18	Number of student counseling and career guidance at the department level	-	19	19
RESEARCH CONTRIBUTION				
19	Number of Funded research project	-	-	-
20	Number of Testing and consultancy	-	-	-
21	Number of Patents, copyright, trademark and other (IPR)	-	01	01
22	Number of papers published/ presented in proceedings of conferences	-	-	-
23	Number of Papers published in journals	05	01	06
24	Number of Book/ article publications	01	-	01
25	Total Research citations (Google Scholar)	01	0	01
26	Number of ME awarded	-	-	-
27	Number of PhD Awarded	-	-	-
INTERACTION WITH INDUSTRY				
28	Number of Industrial visits organized	01	-	01
29	Number of Expert lectures delivered by industry experts	-	-	-
30	Number of Industry –sponsored projects (UG/PG)	-	-	-
31	Number of MOU signed with industry	-	04	04
32	Number of Faculty members undergone industrial training	01	-	01

33	Number of Students undergone in-plant training and (or) internship programme	-	-	-
34	Number of students placed	-	07	07
35	Number of students qualified in the competitive examinations	-	-	-
36	Any other additional activities organized	05	06	11

Declaration by the Head of the Department

I am aware that the above information provided by the Department will be validated by the AAA committee during the visit.

Dr N G Shekapure
Head of Department

Name and Signature of External Member _____

Name and Signature of External Member _____

Name and Signature of External Member _____