



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Internal Quality Assurance Cell

DEPARTMENT OF PRODUCTION ENGINEERING

ANNUAL REPORT

(15JUNE 2021 to 14June 2022)

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1. PROFILE OF DEPARTMENT

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)

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		

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		

FACULTY IN THE DEPARTMENT

Name of faculty	Designation
1.Prof.V.D.Dholle	Head/WS ,Asst. Prof
2.Prof.V.Y.Sonawane	Asst. Prof
3.Prof.M.A.Kelakr	AWS
4.Dr.N.G.Shekapure	Asst. Prof

5.Prof.S.S.Kallurkar	Asst. Prof
6.Prof.S.N.Chiwande	Asst. Prof
7.Prof.S.K.Bidgar	Asst. Prof
8.Prof.M.L.Chanpur	Asst. Prof
9.Prof.Ms. Y.K.Funde	Asst. Prof

DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
1.Mr.Rahul S Gangawane	Lab Assistant
2.Mr A.Chopane	Store Keeper
3.Mr N V Walke	Instructor
4.Mr V N Hire	Instructor
5.Mr G M Kadam	Instructor
6.Mr Sanjay M K	Instructor
7.Mr P D Pawar	Electrician
8.Mr.B.H.Gade	Attendant
9.Mr.Y.G.Patil	Attendant
10.Mr R M Khedekar	Attendant
11.Mr N V Adhav	Attendant
12.Mr A U Dhame	Attendant

FACULTY CONTRIBUTION

ACHIEVEMENTS OF FACULTY

(AWARDS, RECOGNITION, PHD COMPLETION ETC.)

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Mr VY Sonawane	NPTEL DOMAIN STAR
2	Mr VY Sonawane	NPTEL BELIEVER
3	Mr VY Sonawane	National best Teacher award Sarvepalli Radhakrishnan best teacher award
4	Mr VY Sonawane	NPTEL Motivated learner
5	Mr VY Sonawane	3rd IJMST EXCELLENCE AWARD international journal for modern trends in Science and Technology
6	Mr S K Bidgar	Nil

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Mr VY Sonawane	3rd IJMST EXCELLENCE AWARD international journal for modern trends in Science and Technology
2	Mr VY Sonawane	Indo Asian teaching excellence award International multidisciplinary Research Foundation 2021
3	Dr N G Shekapure	Award of degree of Doctor of Philosophy (Ph.D.) in the subject of Mechanical Engineering
4	Mr S K Bidgar	Nil

CONTRIBUTION OF FACULTY (Interaction with outside world) (ALL FACULTIES)

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	S S Kallurkar	Delivered session in FDP on Software Based Case Studies for Development of Multidisciplinary Projects

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
	Mr V Y Sonawane	APT MFMD	Video, PDF TEAMS , ERP	https://web.microsoftstream.com/studio/videos https://drive.google.com/drive/search?q=7001
2	Dr N G Shekapure	e - Book on Material Management and Logistics	Soft Copy in PDF format	https://drive.google.com/file/d/18p_ONH-dZY6IQsuJN9MMgisvcW3tNstA/view?usp=sharing
3	Mr M L Chanpur	E-Notes on Strength of Materials	Soft Copy in PDF format	https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing

4	Ms Y K Funde	E-Notes on Mechatronics & Robotics	Soft Copy in PDF format	
5	Mr S K Bidgar	E-Notes on Material Science & Metallurgy	Soft Copy in PDF format, Video, TEAM, ERP	https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing

Term Two

Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
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1	Mr V Y Sonawane	APT MFMD	Video, PDF TEAMS , ERP	https://web.microsoftstream.com/studio/videos https://drive.google.com/drive/search?q=7001
2	Dr N G Shekapure	e - Book on Industrial Engineering and Management	Soft Copy in PDF format	https://drive.google.com/file/d/1Om-bOwHqMCBTHI_CklQW6QfexgZcDOS0/view?usp=sharing
3	Mr M L Chanpur	E-Notes on Strength of Materials	Soft Copy in PDF format	https://drive.google.com/drive/folders/108B7NaLnr2GLf7Y-dd26ToTzxBI0vHkZ?usp=sharing
4	Mr S S Kallurkar	E Notes on Heat and Fluid Engineering	Soft Copy in PDF format	https://drive.google.com/drive/folders/19hxKf2fin9r3l7kYXC EIQBOCeh7k-ugb?usp=sharing
5	Ms Y K Funde	E-Notes on World Class Manufacturing	Soft Copy in PDF format	Video, PDF TEAMS ,

6	Mr S K Bidgar	E-Notes on Manufacturing Process - II	Soft Copy in PDF format, Video, TEAM, ERP	https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing
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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 V Y Sonawane	NPTEL Theory of Production Processes	NPTEL MHRDC, GOI	Sep-Dec 2021
2	Mr VY Sonawane	NPTEL Manufacturing system Technology I and II	NPTEL MHRDC, GOI	Sep-Dec 2021
3	Mr V Y Sonawane	NPTEL Introduction to Robotics	NPTEL MHRDC, GOI	Sep-Dec 2021
4	Mr V Y Sonawane	ATAL FDP Advancements in Computational Fluid Dynamics using FLUIDYN Computational Fluid Dynamics Engineering	AICTE ATAL The Department of Aerospace Engineering, Alliance University	02/06/2021 To 06/06/2021
5	Mr V Y Sonawane	ATAL FDP Research Methodology: Design and Technology Design and Technology Design & Media	AICTE ATAL Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070	07/06/2021 To 11/06/2021
6	Mr VY Sonawane	Training on “Salesforce Technology - Admin”	Nagpur Institute Of Technology, Nagpur 441501	04/09/2021 To 11/09/2021
7	Mr VY Sonawane	Attended FDP on AICTE-Workshop on Examination Reforms	ICT 250 NIITTR, Kolkata	10/01/2022 To 12/01/2022
8	Mr V Y Sonawane	Attended FDP on Fusion Welding Processes	ICT 250 NIITTR, Kolkata	10/01/2022 To 14/01/2022

9	Mr V Y Sonawane	Attended Faculty Development Program on "Trends and Innovations in Healthcare	Vishwakarma Institute of Information Technology, Pune 411 048	25/10/2021 To 29/10/2021
10	Mr V Y Sonawane	Attended Industrial Visit: International Exhibition on automation	Goregaon Bombay Exhibition	22/092021 To 25/09/2021

			Centre	
11	Mr V Y Sonawane	Attended FDP One Week Virtual Training on "Sales force Technology-Admin" as an Internal Quality Assurance Cell (IQAC)	NIT, Nagpur	04/09/2021 To 11/09/2021
12	Mr V Y Sonawane	Attended FDP 13th Summer School in Tribology	Indian Oil Corporation Ltd and Tribology Society of India	31/08/2021 To 04/06/2021
13	Mr V Y Sonawane	Attended FDP Advances in Fluid, Heat and Mass Transfer	Pravara SVIT Nashik	05/07/21 To 09/06/2021
14	Mr V Y Sonawane	Attended FPTS 2021	Fluid Power Society of India (FPSI)	18/06/2021 To 19/06/2021
15	Dr N G Shekapure	FDP on "Software Based Case Studies for Development of Multidisciplinary Projects"	AISSMS College Of Engineering, Pune	22/11/2021 to 26/11/2021
16	Ms Y K Funde	FDP on Application of Internet of the Things in Environmental, Medical Science and Human Life	Shri Shankaracharya Group of Institutions, SSTC. (ATAL)	04/10/2021 TO 8/10/2021
17	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "EMINENCE OF ELECTRIC VEHICLES AND ROBOTICS IN AGRONOMY"	DHANALAKS HMI SRINIVASAN ENGINEERING COLLEGE	21/06/2021 to 25/06/2021
18	Mr S N Chiwande	Short Term Training Program on "Innovative & Inventive Problem Solving"	Department of Production Engineering, AISSMS COE, Pune	13/07/2021 to 18/07/2021
19	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "PATENT LAW FOR	PRATHYUSHA	26/07/2021 to

		ENGINEERS AND RESEARCHERS"	ENGINEERING COLLEGE	30/07/2021
20	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "Faculty Development Program on Sensor Technology"	ATAL & University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra.	06/09/2021 to 10/09/2021
21	Mr M L Chanpur	Finite Element Method (with applications to solid mechanics, heat transfer and fluid mechanics)	AICTE Training and Learning (ATAL) Academy Online FDP	17/08/2021- 21/08/2021
22	Mr M L Chanpur	Research Methodology	AICTE Training and Learning (ATAL) Academy Online FDP	23/08/2021 – 27/08/2021
23	Mr M L Chanpur	Software Based Case Studies for Development of Multidisciplinary Projects	AISSMS COE, FDC	22/11/2021- 26/11/2021
24	Mr S S Kallurkar	ATAL FDP on Design Thinking: Aspirations for Innovations	AISSMS COE, AICTE	29-11-2021 to 03-12-2021
25	Mr S K Bidgar	Completed ISTE approved one week FDP on “Augmented Reality and Virtual Reality”	AISSMS College of Engineering, Pune	21 /06/2021 to 25/06/2021

26	Mr S K Bidgar	Completed AICTE Quality Improvement (AQIS) Sponsordone week online Short Term Training Program On“ Innovative & Inventive Problem Solving ”	Department of Production Engineering, AISSMS COE, Pune	22 /06/2021 to 27/06/2021
27	Mr S K Bidgar	Attended one week online FDP on “ Foundations of Data Science ”	MIT Academy of Engineering, Alandi	26 /07/2021 to 30/07/2021
28	Mr S K Bidgar	National Level Workshop on “ Recent Trends in Mechatronics and Automation ”	Karmaveer Adv. BaburaoGanpat raoThakareCOE , Nashik	24 /09/2021 to 25/09/2021
29	Mr S K Bidgar	Completed the AICTE-ISTE approved One Week FDP on “ Electric Mobility as a Future ”	Dr. D.Y.Patil IOEM&R Akurdi Pune in association with SAE India	25/10/2021 to 29/10/2021
30	Mr S K Bidgar	Participated in Five Days FDP on “ Software Based Case Studies for Development Of Multidisciplinary Projects ”	Department of Computer Engineering, AISSMS COE, Pune	22/11/2021 to 26/11/2021
31	Mr S K Bidgar	Completed the AICTE-ISTE approved Orientation/ Refresher Programme on “ Nanotechnology ”	MuffakhamJah COE&T, Hyderabad	10/12/2021 to 16/12/2021

		Application in Mechanical Engineering		
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Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
01	Mr V Y Sonawane			
02	Dr N G Shekapure	STTP/Refresher Program on “Project Based Learning”	AISSMS College Of Engineering, Pune	21/02/2022 to 16/02/2022
03	Ms Y K Funde	Orientation /Refresher Program “Nanotechnology Application In Mechanical Engineering”.	MUFFAKHA M JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	10/12/2021 to 16/12/2021
04	Mr S N Chiwande	AICTE-ISTE sponsored refresher program on "Nanotechnology Applications in Mechanical Engineering"	MUFFAKHA M JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	10/12/2021 to 16/12/2021
05	Mr S N Chiwande	Faculty Development Program on “INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION” from 21st February to 25th February 2022	in Association with ISTE and IQAC Cell, DYPCOE, Akurdi.	21/03/2022 to 25/03/2022
06	Mr S K Bidgar	Faculty Development Program on “INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION” from 21st February	in Association with ISTE and IQAC	21/03/2022 to 25/03/2022

		to 25th February 2022	Cell, DYPCOE, Akurdi.	
07	Mr S S Kallurkar	Faculty Development Program on “INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION” from 21st February to 25th February 2022	in Association with ISTE and IQAC Cell, DYPCOE, Akurdi.	21/03/2022 to 25/03/2022
08	Mr M L Chanpur	Intellectual Property Rights	Cummins COE	07/03/2022 to 12/03/2022
09	Mr M A Kelkar	FDP on “Software Based Case Studies for Development of Multidisciplinary Projects”	AISSMS College Of Engineering, Pune	22/11/2021 to 26/11/2021
10	Mr S K Bidgar	Online FDP on “Industry 4.0 with Emphasis on Robotics and Automation”	DYPCOE Akurdi, Pune	21/02/2022 to 25/02/2022
11	Mr S N Chiwande	National Level Faculty Development Program on “INDUSTRY 4.0 & SMART MANUFACTURING”,	Dr. V. B. Kolte CoE Malkapur	31/05/2022 to 04/06/2022

**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 V Y Sonawane	Attended Webinar on National education Policy	AICTE	16/12/2021
2	Mr V Y Sonawane	Attended Webinar "Symbol of Knowledge" program on the occasion of “Constitution Day"	AISSMS COE Pune	08/12/2021

3	Mr VY Sonawane	Web seminar: Session 5 – Green rating system and Smart Cities	ASSOCHAM INDIA	02/12/2021
	Mr VY Sonawane	Attended Webinar orientation program for 12th pass out students	AISSMS COE Pune	18/11/2021
4	Mr VY Sonawane	Attended Webinar on Commvault Connections 21 APJ	Commvault	11/11/2021
5	Mr VY Sonawane	Attended Webinar Moldex 3D E-learning	Moldex 3D E-learning	11/11/2021
6	Mr V Y Sonawane	Attended Webinar Inauguration Ceremony Event of 16th AISSMS Engineering	AISSMS COE Pune	29/09/2021
7	Mr V Y Sonawane	Attended National Workshop on Digital Disruption	ASSOCHAM, New Delhi	17/09/2021 To 18/09/2021
8	Mr V Y Sonawane	One faculty one Industry OFOI done During International Exhibition	SHRIDHAN Automation Pvt. Ltd Bangalore	23/09/2021
9	Mr VY Sonawane	Attended WINGS OF NSS Chief Guest Savita Kulkarni Nodal Officer NSS SPPU	NSS, AISSMSCOE	23/09/2021
10	Mr VY Sonawane	Attended National Workshop for Educators on Integration of Building Heat Transfer in Engineering Curriculum	IIT Bhilai	28/08/2021 To 29/08/2021
11	Mr V Y Sonawane	Attended Webinar Inauguration Ceremony of AISSMS COE	AISSMS COE Pune	26/08/2021

		SESI Institutional Member and AISSMS COE SESI Students'		
12	Mr VY Sonawane	Attended Webinar on AISSMS COE ISTE Students' Chapter, AISSMS COE IEEE Student Branch, IEI Students' Chapter & IETE Students Forum (ISF)	Dr. Rajesh Jalnekar, Director VIT Pune	24/08/2021
13	Mr V Y Sonawane	Attended Webinar and Quiz Industrial Automation and Control AISSMS (I) Connect under ISTE Chapter Mr. Shivaji Suryawanshi Director Mr. Sanket and Aero circle Automation Pvt limited Pune	AISSMS COE Pune	17/07/2021
14	Mr VY Sonawane	Attended Parent Meet for BE Production Sandwich	Production Engineering Department	24/07/2021
15	Mr VY Sonawane	Attended Expert Session on "Enhancement of Energy Dissipation using Combination of Solid Roller Bucket & Type II Stilling Basin for Ogee Stepped Spillway"	Indian Water Works Association, Pune Centre in association with AISSMS College of Engineering, Pune	24/07/2021
16	Mr V Y Sonawane	Attended webinar on "Ask Me Anything about Data Science and Analytics"	Great Learning	28/07/2021
17	Mr V Y Sonawane	Attended webinar on "Importance of Material & Supply Chain Management in Near Future"	ASSOCHAM INDIA	24/07/2021

18	Mr V Y Sonawane	Attended Webinar on Expert Talk on Financial Literacy AISSMSCOE ISTE Students'	AISSMS COE Pune	17/07/2021
19	Mr V Y Sonawane	Attended Webinar on ESG (Environmental, Social and Governance) in FMCG Sector'	ASSOCHAM INDIA	22/07/2021
20	Mr V Y Sonawane	Attended Webinar on AISSMS I - Connect Program (An Industry Institute Interaction Program) on "Automotive Industry Trends and Challenges"	Mr. Parvin Dhole, Sr. Manager, R & D, Truck Division Knorr-Bremse Technological Centre, Hinjewadi, Pune	10/07/2021
21	Mr V Y Sonawane	Attended Webinar on AISSMS I - Connect Program Do's and Don'ts for Career Aspirants	Aspirants Mr. Raghu Nair, Head Steam Engineering Centre, Forbes Marshall, Pune	09/07/2021
22	Mr V Y Sonawane	Attended Webinar on IEEE Publications: Technical Writing and Enhancing Your Research	IEEE Publications	14/07/2021
23	Mr V Y Sonawane	Attended Webinar on "Anyone Can Automate" Automation Anywhere	Automation	08/07/2021
24	Mr V Y Sonawane	Attended Webinar AISSMS I-CONNECT brings you an expert Lecture on *"Career Opportunities for Engineering Students."	AISSMS COE Pune	06/07/2021

25	Mr V Y Sonawane	Attended Webinar on "Innovative Way for Successful Entrepreneurship"	AISSMS COE Pune	07/07/2021
26	Mr V Y Sonawane	Attended ISTE Students Chapter Inauguration Ceremony and Keynote Address	ISTE Students	26/06/2021
27	Mr V Y Sonawane	Attended International Certified Career Coach Foundation Program	International Certified Career Coach Foundation Program Delhi	25/06/2021 To 25/07/2021 26/06/2021
31	Mr V Y Sonawane	Attended "Webinar on OBE – IN PURSUIT OF ACADEMIC EXCELLENCE - II		26/06/2021
28	Mr V Y Sonawane	Attended International Exhibition KROHNE Germany	KROHNE Germany	21/06/2021
29	Mr V Y Sonaw	Attended AISSMS I- CONNE Industry- Institute-Interaction Programmed	Mr. Bhushan Pati (Senior VP Tech Mahindra)	26/06/2021
30	Mr V Y Sonaw	Attended Webinar on "Cycles way for Innovation & Entrepreneurship"	AISSMS COE Pu	22/07/2021
21	Mr V Y Sonaw	Attended AISSMS College of Engineering Pune-01, National Service Scheme, Unnat Bharat Abhiyan and GYMKHANA celebrating 7th International Yoga Day in association with Savitribai Phule Pune University, Pune-0	AISSMS COE Pu	21/06/2021
32	Mr V Y Sonaw	Attended FPTS 2021	Fluid Power Socie India (FPSI)	18/06/2021 To 19/06/2021

33	Mr V Y Sonaw	Attended Savitribai Phule Pune University Board Sports Physical Education in collabor	Pune City, Pune Ahmednagar Dist Nashik District	21/06/2021
34	Mr V Y Sonaw	Attended Webinar on AICTE Initiatives	AICTE	18/06/2021
35	Mr V Y Sonaw	Attended Savitribai Phule Pune University, Pune and Department of Higher Education, Maharashtra	Savitribai Phule Pune University, and Department Higher Education Maharashtra	21/06/2021
36	Mr V Y Sonaw	Attended Webinar on OBE – I PURSUIT OF ACADEMIC EXCELLANCE – II	Great Learning	24/06/2021
37	Mr V Y Sonaw	Attended Webinar, webinar with Automation Anywhere & CNBC TV18 together present Future Ready India	TV18 CNBC	15/06/2021
38	Mr V Y Sonaw	Attended Two Days workshop 2021	Fluid Power Society of India (FPSI)	17/06/2021 To 18/06/2021
39	Mr V Y Sonaw	Attended Shri Sant Gajanan Maharaj College of Engineering Shegaon Department of Ele And Tele Engg An Webinar o Benefits and Opportunities of Professional Students' Chapter Pandemic."	Shri Sant Gajanan Maharaj College Engineering, She	11/06/2021
40	Mr V Y Sonaw	Attended the Webinar on "Symbol of Knowledge".	AISSMS COE Pu	
41	Mr V Y Sonaw	Attended "Effective Online Teaching using Bodhi Tree"	IIT Bombay	
42	Mr V Y Sonaw	Attended National level Quiz Environment Day	AISSMS COE Pu	
43	Mr V Y Sonaw	Attended Webinar shivswrajya Din	AISSMS COE Pu	
44	Dr N G	Webinar on	Department of	07/07/2021

	Shekapure	“Innovative way for Successful Entrepreneurship”	Production Engineering and Institution’s Innovation Council, AISSMS COE, Pune	
45	Dr N G Shekapure	Webinar on “Innovation in Technology Adoption and Development of High Precision Slipping: A Case Study”	Department of Production Engineering and Institution of Engineers (India), Kolkata Students’ Chapter, AISSMS COE, Pune in association with TRIZ Association of Asia	18/07/2021
46	Dr N G Shekapure	Webinar on “Importance of Material & Supply Chain Management in Near Future”	Department of Production Engineering, AISSMS COE, Pune	24/07/2021
47	Ms Y K Funde	Disha Pragatichi	AISSMS COE	18/09/2021
48	Ms Y K Funde	Current Scenario of India	AISSMS COE	02/10/2021
49	Ms Y K Funde	“IPR with reference patent drafting and filing in Indian context”	Institution’s Innovation Council AISSMS COE	14/10/2021
50	Mr S N Chiwande	Webinar on “Cycle - Proven way for Innovation & Entrepreneurship”	Department of Production Engineering, AISSMS COE PUNE SOURCE : ZOOM	01/07/2021

51	Mr S N Chiwande	Webinar on AICTE - Envisioning the reforms in Higher Education in the context of National Education Policy 2020 on 08th July 2021 at 15:00 Hrs	AICTE - Envisioning the reforms in Higher Education	08/07/2021
52	Mr S N Chiwande	Expert session on “Enhancement of Energy Dissipation using Combination of Solid Roller Bucket & Type II Stilling Basin for Ogee Stepped Spillway”	Organized by Indian Water Works Association, Pune Center in association with AISSMS CoE, Pune	24/07/2021
53	Mr S N Chiwande	Webinar on “Importance of Material & Supply Chain Management in Near Future” By Mr. Gaurav Joshi	Organised by Department of Production Engineering, AISSMS COE, Pune on 24 July 2021.	24/07/2021
54	Mr S N Chiwande	National Webinar on ‘Industry Automation and Control’ and passing the quiz	Organised by AISSMS COE ISTE Students’ Chapter	17/08/2021
55	Mr S N Chiwande	Attending World Entrepreneurship Day, “Powering Yuvoudhyamis” on Saturday 21st August from 10:10am to 1:00pm. With this virtual event, focus on building collaborations and partnerships to fuel youth entrepreneurship as a viable and aspirational career path.	IUCEE Partner GAME on	21/08/2021

56	Mr S N Chiwande	Webinar on the Topic: Internship & innovation as a career opportunities	Department of E&TC, AISSMS COE, PUNE Platform: Microsoft Teams	25/08/2021
57	Mr S N Chiwande	Participated in a Webinar on 'Problem Based Learning' Guest Speaker: Dr. Gayatri M Phade, Professor, Sandip Foundation Nashik	Department of Electronics & Telecommunicat ion Engineering, AISSMS College of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IE(I) & ISTE Student Chapter and ISTE Student Forum (ISF)	25/08/2021
58	Mr S N Chiwande	Webinar on Inauguration Ceremony_Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter	Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter at 2.00 pm	26/08/2021
59	Mr S N Chiwande	Webinar on EduSkills & ISTE "Industry Center of Excellence"	AISSMS College of Engineering, Pune	07/09/2021
60	Mr S N Chiwande	Webinar on "Global Trends and Challenges in NanoTechnology"	AISSMS College of Engineering, Pune is inviting you for	30/09/2021

			Inauguration Ceremony SCITECH-IDEATHON	
61	Mr S N Chiwande	Webinar on "Key to Start-Up" by Mr Shrirang Gokhale & Mr Biman Gandhi, mentor and Guide from BYST & PMA Pune	Organised by Department of Production Engineering , AISSMS COE PUNE	12/10/2021
62	Mr M L Chanpur	Automotive Sensor System	AISSMS COE, Prod Engg Dept	04/10/2021
63	Mr M L Chanpur	Developing a Culture of Innovation	AISSMS COE, Mech and Prod Engg Dept	15/09/2021
64	Mr M L Chanpur	NPTEL E-Awareness workshop	NPTEL	22/12/2021
65	Mr M L Chanpur	Role of IPR In Start-up	Institution's Innovation Council AISSMS COE	14/10/2021
66	Mr M L Chanpur	CII Mystic South - Global Linkages Summit	CII	23/09/2021 – 24/09/2021
67	Mr M L Chanpur	NEP	NAAC	16/12/2021
68	Mr M L Chanpur	IPR with reference patent drafting and filing in Indian context	Institution's Innovation Council AISSMS COE	14/10/2021

69	Mr M L Chanpur	How to carry out Research? Tips for Research Scholars	Dr. Vithalrao Vikhe Patil college of Engineering, Ahmednagar	15/09/2021
70	Mr S S Kallurkar	Webinar on Inauguration Ceremony_Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter	Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter at 2.00 pm	26/08/2021
71	Mr S S Kallurkar	National Webinar on 'Industry Automation and Control	AISSMS COE	17/08/2021
72	Mr S S Kallurkar	National Webinar on MATERIAL FORMING	AISSMS COE	17/08/2021
73	Mr S K Bidgar	webinar on "Awareness program of Manthan Hackathon"	AISSMS COE	08/10/2021
74	Mr S K Bidgar	"IPR with reference patent drafting and filing in Indian context"	AISSMS COE	14/10/2021
75	Mr S K Bidgar	"Innovation in Technology Adoption and Development of High Precision Slipping: A	AISSMS COE	18/07/2021

		Case Study”		
76	Mr S K Bidgar	webinar on “Developing a Culture of Innovation”	AISSMS COE	15/09/2021
76	Mr S K Bidgar	Online National Level Workshop on ‘Recent Trends in Mechatronics and Automation’	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik	24/09/2021 to 25/09/2021

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Mr M L Chanpur	Advanced Materials Characterisation Techniques	COE AVK Nagar, Kanyakumari Dist	01/03/2022 - 03/03/2022
2	Mr M L Chanpur	IP Awareness/Training program	Govt of India	10/03/2022
3	Mr M L Chanpur	Design Thinking, Critical Thinking and Innovation Design	Moradabad Institute of Technology	24/03/2022

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Mr S N Chiwande	International Conference on Intelligent Technologies (ICIT- 2021)	(ICIT – 2021) – Singapore	17/12/2021 TO 19/12/2021
2	Mr S K Bidgar	Nil		

**ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY
DEPARTMENT FACULTY (ALL FACULTIES)**

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Mr V Y Sonawane	NPTEL Theory of Production Processes	NPTEL MHRDC, GOI	Sep-Dec 2021
2	Mr VY Sonawane	NPTEL Manufacturing system Technology I and II	NPTEL MHRDC, GOI	Sep-Dec 2021
3	Mr V Y Sonawane	NPTEL Introduction to Robotics	NPTEL MHRDC, GOI	Sep-Dec 2021
4	Mr V Y Sonawane	ATAL FDP Advancements in Computational Fluid Dynamics using FLUIDYN Computational Fluid Dynamics Engineering	AICTE ATAL The Department of Aerospace Engineering, Alliance University	02/06/2021 To 06/06/2021
5	Mr V Y Sonawane	ATAL FDP Research Methodology: Design and Technology Design and Technology Design & Media	AICTE ATAL Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070	07/06/2021 To 11/06/2021
6	Mr VY Sonawane	Training on “Salesforce Technology - Admin”	Nagpur Institute Of Technology,	04/09/2021 To 11/09/2021

			Nagpur 441501	
7	Mr VY Sonawane	Attended FDP on AICTE- Workshop on Examination Reforms	ICT 250 NIITTR, Kolkata	10/01/2022 To 12/01/2022
8	Mr V Y Sonawane	Attended FDP on Fusion Welding Processes	ICT 250 NIITTR, Kolkata	10/01/2022 To 14/01/2022
9	Mr V Y Sonawane	Attended Faculty Development Program on "Trends and Innovations in Healthcare	Vishwakarma Institute of Information Technology, Pune 411 048	25/10/2021 To 29/10/2021
10	Dr N G Shekapure	Coursera Course on "Ask Questions to Make Data-Driven Decisions"	Google	20/08/2021 to 10/09/2021
11	Dr N G Shekapure	Coursera Course on "Foundations: Data, Data, Everywhere"	Google	15/08/2021 to 08/09/2021
12	Dr N G Shekapure	Coursera Course on "Prepare Data for Exploration"	Google	25/08/2021 to 12/09/2021
13	Dr N G Shekapure	Coursera Course on "Process Data from Dirty to Clean"	Google	28/08/2021 to 19/09/2021
14	Mr S S Kallurkar	ATAL FDP on Design Thinking: Aspirations for Innovations	AISSMS COE, AICTE	29-11-2021 to 03-12-2021
15	Mr S K Bidgar	Completed ISTE approved one week FDP on "Augmented Reality and Virtual Reality"	AISSMS College of Engineering, Pune	21 /06/2021 to 25/06/2021

16	Mr S K Bidgar	Completed AICTE Quality Improvement Scheme (AQIS) Sponsored one week online Short Term Training Program On “Innovative & Inventive Problem Solving”	Department of Production Engineering, AISSMS COE, Pune	22 /06/2021 to 27/06/2021
17	Mr S K Bidgar	Attended one week online FDP on “Foundations of Data Science”	MIT Academy of Engineering, Alandi	26 /07/2021 to 30/07/2021
18	Mr S K Bidgar	National Level Workshop on “Recent Trends in Mechatronics and Automation”	Karmaveer Adv. Baburao Ganpatrao Thakare COE, Nashik	24 /09/2021 to 25/09/2021
19	Mr S K Bidgar	Completed the AICTE-ISTE approved One Week FDP on “Electric Mobility as a Future”	Dr. D.Y.Patil IOEM&R Akurdi Pune in association with SAE India	25/10/2021 to 29/10/2021
20	Mr S K Bidgar	Participated in Five Days FDP on “Software Based Case Studies for Development Of Multidisciplinary Projects”	Department of Computer Engineering, AISSMS COE, Pune	22/11/2021 to 26/11/2021
21	Mr S K Bidgar	Completed the AICTE-ISTE approved Orientation/ Refresher Programme on “Nanotechnology”	Muffakham Jah COE&T, Hyderabad	10/12/2021 to 16/12/2021

		Application in Mechanical Engin		
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Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
01	Mr S K Bidgar	Online FDP on “Industry 4.0 with Emphasis on Robotics and Automation”	DYPCOE Akurdi, Pune	21/02/2022 to 25/02/2022

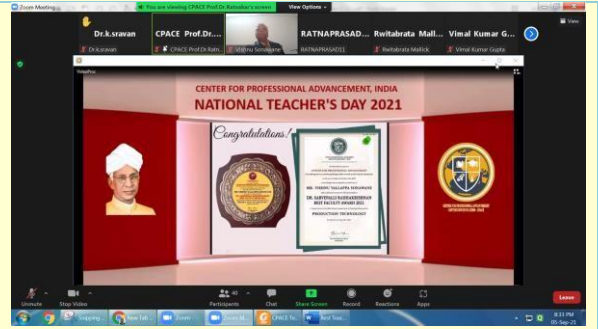
EXTENSION LECTURES / WEBINARS (Lectures organized on other than technical topics)) (ALL FACULTIES)

Term One					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiarie s
1	Mr V Y Sonawane	National level Quiz on World Environment Day		05/06/2021	89
2	Ms Y K Funde2	Industrial Automation	Ms Nital Sarap	15/11/2021	50
3	Mr V Y Sonawane	Social program and National Quiz on World's Conservation day	Dr Suhas Gore, Assistant General Manager Mailhem Ikos Enviro Pvt. Ltd. Pune	28/07/2021	105
4	Mr V Y Sonawane	National Quiz on Industrial Automati	Mr. Shivaji Suryawa Director and Joint	17/07/2021	

		Control AISSMS (I) under ISTE Chapter	partner Mr. Sanket Palkar of Aero circle Automation Pvt limited Pune		
5	Mr V Y Sonawane	National webinar on Industrial Automation Control AISSMS (I) under ISTE Chapter	Mr. Shivaji Suryawa Director and Joint partner Mr. Sanket P Aero circle Automati limited Pune	17/07/2021	
6	Mr V Y Sonawane	National webinar on Worlds Conservation Day	Dr Suhas Gore, Assistant General Manager Mailhem Ikos Enviro Pvt. Ltd. Pune	28/07/2021	
7	Mr S K Bidgar	Online Webinar on “Career Opportunities After Engineering”	Mr B V Reddy Mobile No. - 8208525714	13/01/2022	48

Term Two

S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Mr S K Bidgar	“Importance of General Aptitude for Jobs”	Mr Kusumanchi Rajesh Mobile No. - 9007322356	24/03/2022	78





Webinar on “Importance of General Aptitude for Jobs” on 24/03/2022, Organized by Mr S K Bidgar



FDP attended by S N Chiwande on 31/05/2022 to 04/06/2022

2. ACTIVITIES ORGANIZED

Term One					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo Sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr S H Wankhade Dr N G Shekapure Mr S S Kallurkar	Conducted One Week Online STTP sponsored by AICTE Quality Improvement Scheme “Innovative and Inventive Problem Solving (IIPS-2021)” in 4 Phases	Phase I: 22/06/2021 to 27/06/2021 PhaseII: 29/06/2021 to 24/07/2021 Phase III: 06/07/2021 to 11/07/2021 Phase IV: 13/07/2021 to 17/07/2021	Phase I: 70 PhaseII: 194 Phase III: 125 Phase IV: 396	AICTE, 3,92208/-
02	Mr S K Bidgar	Nil			

SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
01	Mr S N Chiwande	Webinar on "Key to Start- Up" by Mr Shrirang Gokhale & Mr Biman Gandhi, mentor and Guide from BYST & PMA	12/10/20 21	112	NIL

02	Mr M L Chanpur	First Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Western Region for the year 2021-22 : Poster Competition	09/12/2021 – 10/12/2021	103	IE in association with AISSMS COE, Production Engineering Department
3	Mr V Y Sonawane	National Quiz on Industrial Automation and Control AISSMS (I) Connect under ISTE Chapter Mr. Shivaji Suryawanshi Director and Joint partner Mr. Sanket Palkar of Aero circle Automat limited Pune	17/07/2021	110	NIL
4	Mr S K Bidgar	Online Webinar on “Career Opportunities After Engineering”	13/01/2022	48	–

Term Two					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr N G Shekapure	Webinar on “Introduction to Lean Six Sigma & Its importance for Professionals”	05/03/2022	68	-
02	Mr S K Bidgar	Webinar on “ Importance of General Aptitude for Jobs”	24/03/2022	78	–

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiarie s
1	Mr S K Bidgar	Industrial Visit Organized in Vanaz Engineers Ltd., Kothrud, Pune for SE Production S/W Engineering Students	08/04/2022	17

MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
2	Ms Y K Funde	Sofcon Pvt Ltd Pune	18/10/2017	17/10/2022
3	Mr S N Chiwande	Pune Management Association, Pune	20/09/2021	
4	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
5	Mr V Y Sonawane	X-Cubator	18/03/2021	18/03/2024
6	Mr S K Bidgar	Nil		

Term Two				
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 S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022

Total Functional / Live MoUinitiated 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
2	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
3	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

**RESEARCH CONTRIBUTION
FUNDED RESEARCH PROJECT**

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Mr S K Bidgar	Development of Cryogenic Treatment Setup & Testing for Enhancing and Measurement of Tool Life	InProcess	ASPIRE 2020 SPPU Pune

Term Two				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Mr S K Bidgar	Development of Cryogenic Treatment Setup & Testing for	InProcess	ASPIRE 2020

		Enhancing and Measurement of Tool Life		SPPU Pune
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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)
01	Dr N G Shekapure	Copyrights on "Excel Sheet to Compile and Extract Attendance from Microsoft Teams Attendee"	L-109933/2021, 29/12/2021	National

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
	Mr S S Kallurkar Dr P R Baviskar Dr S H Wankhade	Enhancing User Experience for Computer Aided Design packages through Artificial Intelligence	2021-22	http://www.thedesignengineering.com/index.php/DE/article/view/7276	ISSN: 0011-9342 Year 2021 Issue: 9 Pages: 2973-2982	Design Engineering

BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr N G Shekapure	Data Science - Techniques and Intelligent (Chapter No 13- Applications Data Analysis for Technical Business Incubation Performance	Taylor & Francis Group, LLC, USA	9781032254494	2021

INTERACTION WITH INDUSTRY

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
01	Mr S K Bidgar	SE Production S/W	Vanaz Engineers Ltd Kothrud	08/04/2022

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

	Dr N G Shekapure	SE, TE, BE Production SW (168)	Mr Gaurav Joshi Global Project Manager (Atlas Copco India Limited)	Expert Talk on “IMPORTANCE OF SUPPLY CHAIN MANAGEMENT IN NEAR FUTURE”	24/07/2021

MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
01	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
02	Ms Y K Funde	Univision Automation	08/01/2021	07/01/2026

Term Two				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
1	Ms Y K Funde	Univision Automation	08/01/2021	07/01/2026

2	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022
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TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
01	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022

Term Two

Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name
01	Mr M L Chanpur	Testing of Measuring Gauge	Jaws Industries, Pune
2	Mr M L Chanpur	Designing of Furnace Oil chamber	Unity DesignTech Pvt Ltd