

**Internal Quality Assurance Cell**

**DEPARTMENT OF PRODUCTION ENGINEERING**

**ANNUAL REPORT**

## (15JUNE 2021 to 14June 2022)

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# PROFILE OF

**DEPARTMENT**

* 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. **LABORATORIES IN THE DEPARTMENT**

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| --- | --- | --- | --- |
| **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. **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 | Unigrahics 8.0 Cam Express (Simulation, Modeling, Tool Path Generation) 20 user |  |  |

* 1. **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 |

* 1. **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

* 1. **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 |

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| --- | --- | --- |
| 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 |

* 1. **CONTRIBUTION OF FACULTY (Interaction with outside world)** (ALL FACULTIES)

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| --- | --- | --- |
| **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** |

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| --- | --- | --- | --- | --- |
|  | Mr V Y Sonawane | APT MFMD | Video, PDF TEAMS , ERP | [https://web.microsofts](https://web.microsoftstream.com/studio/videos) [tream.com/studio/vide](https://web.microsoftstream.com/studio/videos) [os](https://web.microsoftstream.com/studio/videos)  [https://drive.google.co](https://drive.google.com/drive/search?q=7001) [m/drive/search?q=700](https://drive.google.com/drive/search?q=7001) [1](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.co m/file/d/18p\_ONH- dZY6IQsuJN9MMgis vcW3tNstA/view?usp  =sharing |
| 3 | Mr M L Chanpur | E-Notes on Strength of Materials | Soft Copy in PDF format | https://drive.google.co m/drive/folders/1yaJb dsXaYz- leMnGPFiafx1AzEjH LF39?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.co m/drive/folders/1yaJb dsXaYz- leMnGPFiafx1AzEjH LF39?usp=sharing |

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| 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.microsofts](https://web.microsoftstream.com/studio/videos) [tream.com/studio/vide](https://web.microsoftstream.com/studio/videos) [os](https://web.microsoftstream.com/studio/videos)  [https://drive.google.co](https://drive.google.com/drive/search?q=7001) [m/drive/search?q=700](https://drive.google.com/drive/search?q=7001) [1](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.co m/file/d/1Om- bOwHqMCBTHl\_Ckl QW6QfexgZcDOS0/v iew?usp=sharing |
| 3 | Mr M L Chanpur | E-Notes on Strength of Materials | Soft Copy in PDF format | https://drive.google.co m/drive/folders/108B 7NaLNr2GLf7Y-  dd26ToTzxBl0vHkZ? usp=sharing |
| 4 | Mr S S Kallurkar | E Notes on Heat and Fluid Engineering | Soft Copy in PDF format | https://drive.goog  le.com/drive/folders/1 9hxKf2fin9r3l7kYXC 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.co m/drive/folders/1yaJb dsXaYz- leMnGPFiafx1AzEjH LF39?usp=sharing |

* 1. **FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY**

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| **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 |

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|  |  |  | 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 04/069/2021 |
| **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 ENGINEERIN G 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 | PRATHYUSH A | 26/07/2021  to |

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|  |  | ENGINEERS AND RESEARCHERS" | ENGINEERIN G 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 |

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| **26** | Mr S K Bidgar | Completed AICTE Quality Improvement (AQIS)  Sponsoredone 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 |

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|  |  | **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 ENGINEERI NG AND TECHNOLO GY | 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 ENGINEERI NG AND TECHNOLO GY | 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 |

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|  |  | 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 |
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**SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY**

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| --- | --- | --- | --- | --- |
| **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 |

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| 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 |

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|  |  | 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 |

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| **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 |

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| **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 |

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| **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 Socie of India (FPSI) | 17/06/2021  To 18/06/2021 |
| **39** | Mr V Y Sonaw | Attended Shri Sant Gajanan Maharaj College of Engineeri 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 |

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|  | 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  Slipring: 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 |

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| **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 | ttending 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 |

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| **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 |

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|  |  |  | 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 |

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| **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 Slipring: A | AISSMS COE | 18/07/2021 |

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|  |  | 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 |

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| **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 |

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| **4** | Mr M L  Chanpur | IP Awareness/Training program | Govt of India | 25/03/2022 |
| **5** | Mr S K  Bidgar | Pledge of “NATIONAL VOTERS DAY” | AISSMS COE | 25/01/2022 |
| **6** | Mr S K  Bidgar | Online workshop on “Advanced Materials Characterisation Techniques " | Annai Vailankanni COE, Chennai | 01/03/2022  to 01/03/2022 |

* 1. **CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY**

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| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| **1** | **S S Kallurkar** | **AICTE Sponsored International E Conference on Mechanical and Material Science Engineering:**  **Innovation and Research** | **SITRC Nashik** | **17/09/2021-**  **18/09/2021** |
| **2** | Mr S K  Bidgar | **Nil** |  |  |
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| **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** |  |  |
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* 1. **ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY** (ALL FACULTIES)

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| **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 |

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|  |  |  | 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 |

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| **16** | Mr S K Bidgar | Completed AICTE Quality Improv Scheme (AQIS)  Sponsoredone 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. BaburaoGanpatra oThakareCOE, 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** | MuffakhamJah COE&T, Hyderabad | 10/12/2021  to 16/12/2021 |

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|  |  | **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 |
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* 1. **EXTENSION LECTURES / WEBINARS (Lectures organized on other than technical topics))** (ALL FACULTIES)

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| **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 |  |

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|  |  | 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 Automatio 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 |

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

# ACTIVITIES ORGANIZED

* 1. **FDP/STTP ORGANIZED BY THE DEPARTMENT**

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

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| 01 | Dr S H Wankhade | Conducted One | Phase I: | Phase I: 70 | AICTE, |
|  | Dr N G Shekapure Mr S S Kallurkar | Week Online STTP sponsored  by AICTE | 22/06/2021 to  27/06/2021  PhaseII: 29/06/2021 to | PhaseII: 194 | 3,92208/- |
|  |  | Quality | 24/07/2021 |  |  |
|  |  | Improvement Scheme “Innovative and  Inventive | Phase III: 06/07/2021 to  11/07/2021  Phase IV:  13/07/2021 to | Phase III: 125  Phase IV: 396 |  |
|  |  | Problem Solving | 17/07/2021 |  |  |
|  |  | (IIPS-2021)” in |  |  |  |
|  |  | 4 Phases |  |  |  |
| 02 | Mr S K Bidgar | Nil |  |  |  |
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* 1. **SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT**

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| **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 | Webinar on "Key to Start- | 12/10/20 | 112 | NIL |
|  | Chiwande | Up" by Mr Shrirang | 21 |  |  |
|  |  | Gokhale & Mr Biman |  |  |  |
|  |  | Gandhi, mentor and Guide |  |  |  |
|  |  | from BYST & PMA |  |  |  |

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| 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 | 09/12/20  21 –  10/12/20  21 | 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 | 17/07/202  1 | 110 | NIL |
| 4 | Mr S K  Bidgar | Online Webinar on “Career Opportunities After Engineering” | 13/01/20  22 | 48 | **–** |
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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.)** |
| **01** | Dr N G | Webinar on “Introduction | 05/03/20 | 68 | - |
|  | Shekapure | to Lean Six Sigma & Its  importance for | 22 |  |  |
|  |  | Professionals” |  |  |  |
| **02** | Mr S K | **Webinar on “** Importance | **24/03/20** | **78** | **–** |
|  | Bidgar | of General Aptitude for | **22** |  |  |
|  |  | Jobs” |  |  |  |
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| **Term Two** | | | | |
| **S**  **N** | **Name of Faculty**  **Coordinator** | **Details of activity conducted** | **Date** | **Number of**  **beneficiarie** |

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|  |  |  |  | **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 |
|  |  |  |  |  |

* 1. **MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS**

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| **erm 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** |  |  |

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| **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** |

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| **04** | Mr S K Bidgar | **UB Cryogenic Solutions LLP Pune** | **04/03/2022** | **03/03/2022** |

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| **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

* 1. **FUNDED RESEARCH PROJECT**

|  |  |  |  |  |
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| **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 |

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| **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 |

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|  |  | Enhancing and Measurement of Tool  Life |  | SPPU  Pune |

PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr No.** | **Name of Faculty** | **Name of the Patent** | **Patent Number and Date** | **Type (National/ International/Com mercialized)** |
| **01** | **Dr N G Shekapure** | **Copyrights** on | L-109933/2021, | National |
|  |  | “Excel Sheet to  Compile and | 29/12/2021 |  |
|  |  | Extract Attendance |  |  |
|  |  | from Microsoft |  |  |
|  |  | Teams Attendee” |  |  |
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| **Term One** | | | | | | |
| **S.**  **No** | **Authors** | **Document Details** | **Year** | **Source**  **Details** | **ISBN/**  **ISSN** | **Publisher** |
|  | Mr S S | Enhancing User | 2021 | [http://www.](http://www.thedesignengineering.com/index.php/DE/article/view/7276) [thedesigneng](http://www.thedesignengineering.com/index.php/DE/article/view/7276) [ineering.com](http://www.thedesignengineering.com/index.php/DE/article/view/7276)  [/index.php/D](http://www.thedesignengineering.com/index.php/DE/article/view/7276) [E/article/vie](http://www.thedesignengineering.com/index.php/DE/article/view/7276) [w/7276](http://www.thedesignengineering.com/index.php/DE/article/view/7276) | ISSN: | Design |
| Kallurkar | Experience for | -22 | 0011- | Engineeri |
| Dr P R  Baviskar Dr S H  Wankhade | Computer Aided Design packages through Artificial Intelligence |  | 9342 |  Year 2021 |  Issue:  9 | | ng |
|  |  |  | Pages: |  |
|  |  |  | 2973- |  |
|  |  |  | 2982 |  |

**BOOK/ ARTICLE PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Author** | **Title of the Book** | **Published by** | **ISBN** | **Year** |
| **Dr N G** | Data Science - Techniques | Taylor & Francis Group, | 978103 | 2021 |
| **Shekapure** | and Intelligent | LLC, USA | 225449 |  |
|  | (Chapter No 13- |  | 4 |  |
|  | Applications |  |  |  |
|  | Data Analysis for |  |  |  |
|  | Technical Business |  |  |  |
|  | Incubation Performance |  |  |  |
|  |  |  |  |  |

INTERACTION WITH INDUSTRY

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| **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** | **08/04/20**  **22** |

**EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS**

|  |  |  |  |  |  |
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| **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 “IMPORTA NCE OF SUPPLY CHAIN MANAGE MENT IN NEAR FUTURE” | 24/07/2  021 |
|  |  |  |  |  |  |

* 1. **MOU SIGNED WITH INDUSTRY**

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| **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** |

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| **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** |

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| **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** |
|  |  |  |  |  |

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| **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 |