



Pradnya Niketan Education Society, Pune's
**N. K. ORCHID COLLEGE OF ENGINEERING
& TECHNOLOGY, SOLAPUR**

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere

E-mail : office@orchidengg.ac.in, Website : www.orchidengg.ac.in, Phone No. 9423084363

Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

Criteria 3- Research, Innovations and Extension

Key Indicators 3.5 – Collaboration

3.5.1 The number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years

List of year wise activities

Year	2022-23	2021-22	2020-21	2019-20	2018-19
MoUs/ Linkage / Collaboration	71	40	43	92	72



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Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise
Academic Year 2022-23					
1	Training & Placement	Skillwayz India (MoU)	2022-23	05 years	Nil
2	Resource Sharing	Gubbi Constructions (MoU)	2022-23	05 years	Nil
3	Resource Sharing	Patentees IP Services, Solapur (MoU)	2022-23	Lifetime	Patent Filing-I of Prof. B. R. Birajdar
					Patent Filing-II of Prof. Akhtar Nadaf
					Patent Filing-III of Dr. Vipul Bag
					Patent Filing-IV of Prof. Mukesh Bandu Rangdal
4	Academic Activity	Maharashtra state Electricity Distribution Co. Ltd, Mahavitaran Solapur (MoU)	2022	3 Years	6 Month Internship for Final Year Students
5	Internship	Acmegrade Pvt. Ltd.	2022-23	0.5 years	Student internship
6	Internship	Agre India Engineering Consultancy	2022-23	0.5 years	Student internship
7	Internship	Apte Consultants	2022-23	0.5 years	Student internship
8	Internship	DG Design & Construction	2022-23	0.5 years	Student internship
9	Placement	Eagle Infra India Ltd.	2022-23		Placement to students
10	Placement	Monarch Surveyors and	2022-23		Placement to students



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		Engineering Consultants Pvt. Ltd.			
11	Internship	NCC	2022-23	0.5 years	Student internship
12	Placement	Neilsoft	2022-23		Placement to students
13	Internship	PK Construction & Consultants	2022-23	0.5 years	Student internship
14	Internship	Shree Consulting & Engineers	2022-23	0.5 years	Student internship
15	Internship	Shree Siddheshwar Constructions	2022-23	0.5 years	Student internship
16	Internship	Shrikant Consultancy	2022-23	0.5 years	Student internship
17	Internship	Softenger (India) Pvt. Ltd.	2022-23	0.5 years	Student internship
18	Internship	SpazeVision Pvt. Ltd.	2022-23	0.5 years	Student internship
19	Internship	Sthapati Designers & Consultants Pvt. Ltd.	2022-23	0.5 years	Student internship
20	Internship	Suroj Buildcon Pvt. Ltd.	2022-23	0.5 years	Student internship
21	Internship	Suwarnasatya Design & Construction	2022-23	0.5 years	Student internship
22	Placement	Tata Consultancy Services Ltd.	2022-23	One day	Placement to students
			2022-23		Expert lecture on the topic Machine Design was conducted by Mr. Madhav Jadhav, Sr. Product Design Engineer; TCS on 30/12/2022



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23	Internship	The Urban Learning Internship Program (TULIP)	2022-23	0.5 years	Student internship
24	Internship	UltraTech Cement Ltd.	2022-23	0.5 years	Student internship
25	Internship	Urban Pandit Infra-consultants Pvt. Ltd.	2022-23	0.5 years	Student internship
26	Internship	Vikram Infratech Pvt. Developers	2022-23	0.5 years	Student internship
27	Expert Lecture	Soft Tech Data Securities, Pune	2022-23	2 hrs	Blockchain & Dapps development
28	Workshop	Gobal Talent Track	2022-23	5 days	Introduction to Python Programming
29	Workshop	Hitachi Vantara,Pune	2022-23	1 day	Hands-on Experiments using Javascrpts
30	Expert Lecture	Walchand College of Sangali	2022-23	2 hrs	Recent Trends in AI & ML
31	Expert Lecture	Yog Parichay & Digislate	2022-23	2 hrs	Cyber Security
32	Expert Lecture	Research & Innovation Neilsoft	2022-23	2 hrs	Roadmap for Programming Skill Enhancement and Hackathon
33	Internship	Sciqus Infotech Pvt, Limited	2022-23	6 months	11 students completed internship
34	Internship	Infostack Software Development Training and	2022-23	6 months	02 students completed internship



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		Research Center Solapur			
35	Internship	IntelliseIT Solutions Solapur	2022-23	6 months	05 students completed internship
36	Internship	Katare Informatics, Solapur	2022-23	6 months	03 students completed internship
37	Internship	TIAA GBS, Mumbai	2022-23	6 months	03 students completed internship
38	Internship	Vertex Technologies, Solapur	2022-23	6 months	05 students completed internship
39	Internship	Maxgen Technologies Pvt. Ltd	2022-23	6 months	03 students completed internship
40	Internship	PHN Technology Pvt. Ltd	2022-23	6 months	04 students completed internship
41	Internship	TCS	2022-23	6 months	01 student completed internship
42	Resource Sharing	Om Constructions	2022-23	01 day	Testing of Concrete Cube
43	Resource Sharing	ConBrain, Pune	2022-24	1 day	Guest lecture
44	Industrial Visit	Rudrali Tools Pvt. Ltd	2022-23	One day	Third student industrial visit was conducted on 18/04/2023 for the subject MP-II
45	industrial visit	MSRTC Workshop Solapur	2022-23	One day	Third student industrial visit was conducted on 17/04/2023 for the IC Engines
46	Expert Lecture	SAJ Consultancy Services	2022-23	One day	Expert lecture on the topic Strengthening Mechanisms was conducted by Er. S.A.Jeurkar, Consulting Metallurgical Engineer, SAJ Consultancy Services on 29/12/2022



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					Expert lecture on the topic Processing of Powder Metals was conducted by Er. S.A.Jeurkar, Consulting Metallurgical Engineer, SAJ Consultancy Services on 05/06/2022
					Expert lecture on the topic Awareness Session on Entrepreneurship – Career Opportunities by Er. S.A.Jeurkar, Consulting Metallurgical Engineer, SAJ Consultancy Services on 25/05/2023
					Expert lecture on the topic Awareness Session on Joining process by Er. S.A.Jeurkar, Consulting Metallurgical Engineer, SAJ Consultancy Services on 29/05/2023
47	Expert Lecture	VJTI, Mumbai	2022-23	One day	Expert lecture on Engine Cooling and Lubrication System, Engine Governing System conducted by Prof. Shrikant Pawar, Retired Professor from VJTI, Mumbai on 28/04/2023. Expert lecture on Constitution of India by Dr. D. N. Raut, Professor, VJTI, Mumbai. Professor from VJTI, Mumbai on 31/05/2023.
48	Internship	Allied Digital	2022-23	6 Months	2 Students Completed Internship
49	Internship	Fourfront	2022-23	6 Month	3 Students Completed Internship
50	Internship	Kinetic Greens	2022-23	6 Months	4 Students Completed Internship
51	Internship	OEN India Pvt Ltd	2022-23	6 Months	6 Students Completed Internship



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52	Internship	SMJ Buildcon Pvt Ltd	2022-23	6 Months	4 Students Completed Internship
53	Internship	Siemens Ltd	2022-23	6 Month	1 Student Completed Internship
54	Internship	Coding Ninja Education	2022-23	6 Months	1 Student Completed Internship
55	Internship	Lumilight Solutions	2022-23	6Month	3 Students Completed Internship
56	Internship	The Kiran Academy	2022-23	6 Months	1 Student Completed Internship
57	Industrial Visit	ACG Solar Plant Malumbra	2022-23	1 Day	Industrial Visit 2022-2023
58	Industrial Visit	SCADA Centre,MSED CL Solapur	2022-23	1 Day	Industrial Visit 2022-2023
59	Internship	Anand Techno Creations	2022-23	15 Days	Three Students completed Internship
60	Internship	Brembo Brake India Bybre	2022-23	15 Days	One Students completed Internship
61	Internship	Avishkar Academy	2022-23	15 Days	Three Students completed Internship
62	Internship	CADD Centre	2022-23	15 Days	One Students completed Internship
63	Internship	Energy Swaraj Foundation	2022-23	15 Days	Five Students completed Internship
64	Internship	Cisco Networking Academy	2022-23	15 Days	Thirty seven Students completed Internship
65	Internship	Dassault Systems Aakruti 2022	2022-23	15 Days	One Students completed Internship
66	Internship	Educba	2022-23	15 Days	One Students completed Internship
67	Internship	G Great Learning	2022-23	15 Days	Four Students completed Internship



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68	Internship	Microsoft Technology Associate	2022-23	15 Days	Two Students completed Internship
69	Internship	K-tech Centre of Excellence in Aerospace & Defence	2022-23	One Month	Twenty one Students completed Internship
70	Internship	GIRI'S TECH HUB PVT LTD	2022-23	15 Days	Eighty Students completed Internship
71	Academic Activities	Vedam Labs Solapur	2022-23	3 years	Expert / Guest Lecture to Students
Academic Year 2021-22					
1	Guest Lecture	Eywa Solutions, Solapur	2021-22	Life Time	Conducted guest lecture on "Internship & Placement Opportunities for Full Stack Developer" for BE CSE students.
2	Workshop	IDBI Intech Ltd	2021-22	Life Time	Conducted 2 days workshop on "Java training" for TECSE students.
3	Expert Lecture	A.K.Electronics, Solapur	2021-22	One day	Mechatronics - Mr. Amol Kshirsagar A.K.Electronics, Solapur
4	Expert Lecture	Omcon Consultancy Pvt.Ltd.	2021-22	One day	Governing of IC Engine - Mr. Shrikant Pawar Consultant Omcon Consultancy Pvt.Ltd.
5	Expert Lecture	Disha Institute Commerce, Solapur	2021-22	One day	Basic Human Rights - Miss. Nanda Bhattad, Disha Institute Commerce, Solapur
6	Academic Activities	IIRS, Dehradun	2021-22	1 year	Training
7	Academic Activities	Jay Constructions	2021-22	1 year	Training



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8	Resource Sharing	Antariksha Multicons Pvt. Ltd., Solapur	2021-22	1 year	Consultancy & Testing
9	Resource Sharing	Baba Udyog, Dhanbad	2021-22	1 year	Consultancy & Testing
10	Resource Sharing	Grampachayat Kini, Tal.- Akkalkot, Dist.-Solapur	2021-22	1 year	Consultancy & Testing
11	Resource Sharing	Grampachayat Pathari, Tal.- North Solapur, Dist.-Solapur	2021-22	1 year	Consultancy & Testing
12	Resource Sharing	Grampanchayat Ankalage, Tal.-Akkalakot	2021-22	1 year	Consultancy & Testing
13	Resource Sharing	Kuber Heights, Solapur	2021-22	1 year	Consultancy & Testing
14	Resource Sharing	M/s. Lonawat M. M.	2021-22	1 year	Consultancy & Testing
15	Resource Sharing	Mr. Sachin Ghatge, Akkalkot	2021-22	1 year	Consultancy & Testing
16	Resource Sharing	Mr. Vivek Kokate, Osmanabad	2021-22	1 year	Consultancy & Testing
17	Resource Sharing	Rathi Cement, Solapur	2021-22	1 year	Consultancy & Testing
18	Resource Sharing	Sunil Furde Constructions Pvt. Ltd, Solapur	2021-22	1 year	Consultancy & Testing
19	Resource Sharing	Urban Pandit Infra-consultant Pvt. Ltd, Mumbai.	2021-22	1 year	Consultancy & Testing



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20	Academic Activities	Innovative Vastunirman Private Limited	2021-22	1 year	Placement
21	Academic Activities	Mahadev R. Kalburgi	2021-22	1 year	Internship
22	Academic Activities	Shri Datta Construction	2021-22	1 year	Internship
23	Academic Activities	JV ENGINEERING & CONSTRUCTION CO.	2021-22	1 year	Internship
24	Academic Activities	Shapoorji Pallonji Real Estate Private Limited	2021-22	1 year	Internship
25	Academic Activities	CATALYST ENGINEERS & TRAINERS	2021-22	1 year	Internship
26	Academic Activities	Ever Electronics Pvt Ltd	2021-22	6 Months	Final year student Internship (2021-22)
27	Academic Activities	Chheda Electricals & Electronics Pvt. Ltd., Shirwal, Pune	2021-22	6 Months	Final year student Internship (2021-22)
28	Academic Activities	OEN India Pvt Ltd Pune	2021-22	6 Months	Final year student Internship (2021-2022) at OEN India Pvt Ltd Pune
29	Academic Activities	Kirloskar Pneumatic Company		6 Months	Final year student Internship (2021-22)



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		Limited. Pune			
30	Academic Activities	Bharat Electricals, Pune	2021-22	6 Months	Final year student Internship (2021-22)
31	Academic Activities	Qspiders Pune	2021-22	6 Months	Final year student Internship (2021-22)
32	Academic Activities	Nigs India Engitech, Pune	2021-22	6 Months	Final year student Internship (2021-22)
33	Academic Activities	Pisyst India pvt.Ltd Kharadi,	2021-22	6 Months	Final year student Internship (2021-22)
34	Academic Activities	PhoenixZone Technologies Pune	2021-22	6 Months	Final year student Internship (2021-22)
35	Academic Activities	Active Power Controls Pvt Ltd.	2021-22	6 Months	Final year student Internship (2021-22)
36	Academic Activities	Laxmi Controls, Solapur	2021-22	6 Months	Final year student Internship (2021-22)
37	Academic Activities	Skyline Solar & Electricals, Solapur	2021-22	6 Months	Final year student Internship (2021-22)
38	Academic Activities	Solar Wavez Solapur	2021-22	6 Months	Final year student Internship (2021-22)
39	Academic Activities	MSEDCL Solapur	2021-22	1 Day	Expert / Guest Lecture to Students
40	E - Waste recycling	Avis Technoways, Osmanabad (MoU)	2021-22	3 years	Handing over E-waste material (2021)
					Handing over E-waste material (2022)
					Handing over E-waste material (2023)



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Academic Year 2020-21					
1	Academic Activities	Precision CamShaft Ltd Solapur (MoU)	2020-21	Lifetime	<p>Dr. Shrinivas S Metan has organized Sessions on “What should students do to be industry ready and what should they do in order to grow within the organization that they join” on 10th, 16th and 26th April 2020, organized by Mr Yatin Shah (MD/Founder Member of PCL).</p> <p>NK Orchid College of Engineering and Technology Solapur and Precision Camshaft Ltd, Solapur are developing Two Seater Solar Car in Precision Camshaft from 1st February 2021. 18 Final Year students from Mechanical, Electrical and Electronics are developing this vehicle in “Vehicle Development Center” in Precision Camshaft Ltd under 6 Months Internship. This is first of its kind that any Engineering College is developing vehicle in Industry Premises.</p>
2	Development of Solar Research Centre Phase-2 (Project Sponsorship)	Dassault Systemes Laa Foundation (MoU)	2020-21	1 year	<p>Sponsored Project- Solar Tree for village and remote area electricity needs (2019-20)</p> <p>Sponsored Project-Solar operated Automatic Water Sprinkler System for smart agriculture (2019-20)</p> <p>Sponsored Project- Solar DC Water Pump</p>



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					Sponsored Project- Solar Operated Milk Pasteurizing system
					Sponsored Project- Solar Dehydration System with energy storing material for Agricultural Products
					Sponsored Project- Solar Panel Laminating Machine
					Sponsored Project- Solar Thermoelectric Refrigerator
					Peer Learning Experience Program
					Expert lecture on Carrer Planning by Mr. Hemant Gadgil (2019-20)
					Donated 3D scanning system which includes 3D scanner sensor, turn table, arduino, holding clamp and stand, filament box
					Webinar on, "Solar Energy for Self-Reliant Village Eco System" by Dr. S. S. Metan
					Team Mechanizer's from Mechanical Engineering Department Won the National Competition Aakruti 2021. Students developed Sholder Rehabilitation Machine unde the guidance of Dr. S. S. Metan
					Dr Shrinivas S Metan was one of the speaker in "Meet La Fondation" program of La Fondation Dassault Systems across globe on April 7, 2022. From INDIA, France and USA one project each was nominated for the presentation.



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					<p>Project developed in Solar Research Centre titled, "Solar Krishi Yantra" got 3rd rank in Sustainability in the "PROJECT OF THE YEAR 2022" competition from Dassault Systemes, Pune</p> <p>One Day Workshop was organized on Aakruti-2022 3D Experience Platform Hands on Training on 12/07/2022 at ARC Hall.</p> <p>Faculty development program on "C++ Programming for Scientific Application Development"</p>
3	Academic Activity	MACCIA (MoU)	2020-21	Life time	Pilot Project for Industry connect Internship Program
4	Academic Activity	ADJ Infotech (MoU)	2020-21	3 Years	One month training given on C, C++ and Data Structure
5	Academic Activity	My Skills My Future (MoU)	2020-21	1 Year	GATE Coaching
6	Resource Sharing, Consultancy & Testing	MPCB, Mumbai, (Solapur) (MoU)	2020-21	2 years	Faculty trained by Industry-1 (Solapur)
					Faculty trained by Industry-2 (Barshi, Pandharpur, Osmanabad)
					Infrastructure Provided by Industry-1 (Solapur)
7	Resource Sharing, Consultancy & Testing	MPCB, Mumbai, (Barshi, Osmanabad, Pandharpur) (MoU)	2020-21	2 years	Infrastructure Provided by Industry-2 (Barshi, Pandharpur, Osmanabad)
					Infrastructure Provided by Industry-3
					Consultancy-1 (Solapur)
					Consultancy-2 (Barshi, Pandharpur, Osmanabad)



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8	Resource Sharing, Academic Activities	PMS Robotics Pune (MoU)	2020- 21	2 years	Industrial Training to students (2020-21)
					Industrial Training to students (2021-22)
9	Academic Activities, Exchange Academic Knowlwdge	Purnamal Lahoti Polytechnic Latur (MoU)	2020-21	2 years	Expert sessions for students
10	Academic Activities, Exchange Academic Knowlwdge	Women's Polytechnic Latur (MoU)	2020-22	Life time	Expert sessions for students
11	Academic Activity	Vidya Vyavasay Margdarshan, Solapur (MoU)	2020-21	One Year	Counselling Lecture- New ways in new hopes
					Counselling Lecture - Be ready to Compete Globally
					Counselling Lecture - Be ready to Compete Globally
12	Training and Placement	GTT Foundation (MoU)	2020-21	One Year	Corporate Readiness Programme
13	Academic Activity	Examobility Pune (MoU)	2020-21	Life time	Final year Student Industrial Training Completion Certificates
14	Resource Sharing	N. B. Mandhana, Solapur	2020-21	One Year	Calibration of Load Cell of 5T Capacity (2020-21)
					Calibration of Load Cell of 50 T Capacity (2020-21)
15	Internship	Sudarshan Textiles Mills, Solapur	2020-21	4 Months	Two Students completed Internship



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16	Internship	Shree Kartik Engg. Works, Solapur	2020-21	3 Months	One Student completed Internship
17	Internship	Cygnat Industries Kolhapur	2020-21	3 Months	One Student completed Internship
18	Internship	Kilburn Engineering Ltd. Thane	2020-21	6 Months	One Student completed Internship
19	Internship	Needa Engineering works	2020-21	6 Months	One Student completed Internship
20	Internship	Prime Engineering Works, Pune	2020-21	6 Months	One Student completed Internship
21	Internship	Atlas Copco, Pune	2020-21	6 Months	One Student completed Internship
22	Internship	Gurumauli Power Control Pvt. Ltd., Pune	2020-21	6 Months	One Student completed Internship
23	Academic Activities	Abhiraj Constructions	2020-21	1 year	Internship
24	Resource Sharing	Alcon Organic, Solapur	2020-21	1 year	Consultancy & Testing
25	Resource Sharing	Alpha Equipments	2020-21	1 year	Consultancy & Testing
26	Resource Sharing	Bang Polyweave Private Limited, Solapur	2020-21	2 years	Consultancy & Testing (2020-21)
					Consultancy & Testing (2021-22)
27	Resource Sharing, Academic Activities	Gayatri Builders & Developers, Solapur	2020-21	2 years	Internship (2020-21)
					Consultancy & Testing (2021-22)



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28	Academic Activities	Gessner Engg.	2020-21	01 day	Guest Lecture
29	Resource Sharing	Homkar (Land Lovers Property Solutions,Solapur)	2020-21	1 year	Consultancy & Testing -1
					Consultancy & Testing -2
30	Resource Sharing	Kalyani Enterprises (Ohol)	2020-21	1 year	Consultancy & Testing
31	Resource Sharing	M/s. Alok Baswanti & associates, Solapur	2020-21	1 year	Consultancy & Testing
32	Resource Sharing	N. B. Mandhana , Solapur	2020-21	1 year	Consultancy & Testing
33	Resource Sharing	Patil Shivaji Gund	2020-21	1 year	Consultancy & Testing
34	Resource Sharing	Shriram Enterprise, Haglur, Solapur	2020-21	1 year	Consultancy & Testing
35	Academic Activities	Standard Chartered BankAPAC, Singapore	2020-21	01 day	Guest Lecture
36	Resource Sharing	Unimix RMC LLP, Solapur	2020-21	1 year	Consultancy & Testing
37	Academic Activities	STARCOM Information Technology Limited	2020-21	1 year	Internship
38	Academic Activities	ThinkTech, Pune	2020-21	1 year	Internship



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39	Academic Activities	Mayuresh Construction	2020-21	1 day	Industrial Visit
40	Academic Activities	SP, Solapur Gramin, Solapur	2020-21	01 day	Guest Lecture
41	Academic Activities	Central Railway	2020-21	01 day	Guest Lecture
					Training
42	Academic Activities	Ministry of Youth Affairs and Sports of India	2020-21	01 day	Guest Lecture
43	Diploma Connect	GP, Solapur	2020-21	One day	Conducted 1 day workshop on "Introduction to Virtual Labs"
44	One Day Workshop	Xpanxion Private Ltd.	2020-21	One day	Conducted One Day Workshop on "Cloud Computing" to BECSE students
Academic Year 2019-20					
1	Resource Sharing, Academic Activities	Computer Help Structural Engineering & Software developers, Mumbai (MoU)	2019-20	2 years	Guest Lecture (2019-20)
					Internship (2019-20)
					Faculty on board of Industry (2019-20)
					Internship (2020-21)
					Faculty on board of Industry (2020-21)
2	Exchange Industrial Knowledge	Indian Society of Structural Engineers, Solapur Chapter (MoU)	2019-20	05 years	Program Attended by Industry - 1
					Program Attended by Industry - 2
					Program Attended by Industry - 3
					Faculty on board of Industry
					Guest Lecture
3	Resource Sharing, Academic	Vasant Vihar Reality Pvt. Ltd. (MoU)	2019-20	3 years	Industrial Visit (2019-20)
					Faculty on board of Industry (2019-20)



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	Activities, Exchange Industry/Academic Knowledge				Training to Industry (2020-21) Consultancy & Testing (2020-21) Consultancy & Testing (2021-22)
4	Academic Activities, Exchange Industry/Academic Knowledge	Vitarag Associates (MoU)	2019-20	3 years	Training to Industry (2019-20) Placement (2019-20) Faculty on board of Industry (2019-20) Placement (2020-21) Internship (2020-21) Paper Authored to Industry (2020-21) Paper Authored to Industry (2021-22)
5	Academic Activities	Technique Design group Secunderabad (MoU)	2019-20	3 years	Guest Lecture (2019-20)
6	Resource Sharing, Academic Activities, Exchange Industry/Academic Knowledge	Government Polytechnic Osmanabad (MoU)	2019-20	3 years	Expert sessions for students
7	Academic Activities, Exchange Industry/Academic Knowledge	Government Polytechnic Solapur (MoU)	2019-20	2 years	Expert sessions for students Expert sessions for students
8	Academic Activity	Vidya Vyavasay	2019-20	1 Year	Personal/ Psychological Counselling



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		Margdarshan, Solapur (MoU)			
9	Academic Activity	PSP-IP & Associates Pvt. Ltd. (MoU)	2019-20	One Year	A Session on Intellectual Property Rights-Patents
10	Academic Activities	Zensar Technologies (MoU)	2019-20	3 years	ESD Training conducted on Aptitude Soft Skills AI/ML, SQL/PL Core Java (2019-20)
					Conducted 15 days training for third year CSE & ENTC students, on recent technologies with industry relevant case studies. (2019-20)
					Employability skill development Program 10 Days training was conducted under the Zensar ESD program for Third year students on SQL, Java, Python and Soft skill. (2020-21)
		Employability Skill Development Program 93 students of TE CSE were trained on Advanced Java, Python programming & Database. (2021-22)			
11	Expert Lecture	Varderland Industries, Pune	2019-20	One day	Industry Requirements for Placements - Mr.Chaitnya Kulkarni, Project Manager, Varderland Industries, Pune
12	Expert Lecture	Johnson Controls, Pune	2019-20	One day	Industry Requirements for Placements -Mr. Anand Dulange, Assistant Manager, Johnson Controls, Pune



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13	Expert Lecture	KSB Pump, Pune	2019-20	One day	Pump Design - Miss. Madhurima Neel Patil, Assistant Manager, KSB Pump, Pune
14	Expert Lecture	TATA Power, Bengalore	2019-20	One day	Project Management and Inventory - Mr. Jagadish V.K., TATA Power, Bengalore
15	Expert Lecture	Auto Desk Education Experience, Bengalore	2019-20	One day	Preparing for Mechathon Competition - Mr. Anand Pujari, Education Account Manager, Auto Desk Education Experience, Bengalore
16	Academic Activities	Trend Innovations, Pune	2019-20	One day	Recent Trends in Boiler & Condenser & its Performance improvement Methods -Mr. Vijay C. Gunge, Founder Trend Innovations, Pune.
			2020-21	One Year	Sponsored Project - Design & development of heat exchanger for solar water heater application, under the guidance of Prof. C. V. Papade
17	Expert Lecture	Data M Sheet Metal Solutions, Pune	2019-20	One day	Opportunities in CAD/CAM & CAE - Mr. Dhawal D. Thakkar, Product Manager, Data M Sheet Metal Solutions, Pune
18	Expert Lecture	COEP, Pune	2019-20	One day	Overview of Global & Indian Energy Scenario with focus on Solar Energy - Dr. Gajanan V. Parishwad, HOD Mechanical, COEP, Pune.
19	Expert Lecture	Setco Spindles India Pvt. Ltd., Pune	2019-20	One day	Skill Sets required for Mechanical Engineering in Industry 4.0 - Mr. Rajesh Mandlik Chief Strategist Setco Spindles India Pvt. Ltd., Pune



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20	Internship	Prasad Industries Kolhapur	2019-20	15 Days	One Student completed Internship
21	Internship	Suvarna Engineering Works, Solapur	2019-20	15 Days	One Students completed Internship
22	Internship	Laxmi Hydraulics Pvt. Ltd., Solapur	2019-20	15 Days	Two Students completed Internship
23	Internship	Sudarshan Plastic Industries	2019-20	15 Days	Two Students completed Internship
24	Internship	ASK Chevrolet, Solapur	2019-20	15 Days	One Student completed Internship
25	Internship	Solapur Municipal Transport, Solapur	2019-20	15 Days	3 Students completed Internship
26	Internship	Irshad Air Systems, Solapur	2019-20	15 Days	10 Students completed Internship
27	Internship	IntelliseIT	2019-20	15 Days	One Student completed Internship
28	Internship	Padalkar Mechanical and Engineering Works, Solapur	2019-20	15 Days	2 Students completed Internship
29	Internship	Sharp Engineering works, Solapur	2019-20	15 Days	2 Students completed Internship



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30	Internship	Om Pipe Industries, Solapur	2019-20	15 Days	3 Students completed Internship
31	Internship	Shriram Textile, Solapur	2019-20	15 Days	One Students completed Internship
32	Internship	Bharat Packing, Solapur	2019-20	15 Days	One Student completed Internship
33	Internship	Gandhi TVS, Solapur	2019-20	15 Days	One Student completed Internship
34	Internship	Shree Systems Pvt Ltd	2019-20	15 Days	Two Students completed Internship
35	Internship	Rivigo Services Pvt. Ltd.	2019-20	15 Days	One Student completed Internship
36	Internship	Ashwini Bajaj, Akkalkot	2019-20	15 Days	Two Students completed Internship
37	Internship	ESBEE Engineering Equipment Pvt. Ltd. Solapur	2019-20	15 Days	One Student completed Internship
			2020-21	3 Months	One Student completed Internship
38	Internship	Sterling Motors, Solapur	2019-20	15 Days	One Student completed Internship
39	Internship	Rayone Oil Seals, Solapur	2019-20	30 Days	One Student completed Internship
40	Internship	Samarth Motors, Naldurg	2019-20	15 Days	One Student completed Internship
41	Internship	Laxmi Hero, Solapur	2019-20	15 Days	One Student completed Internship
42	Internship	Prabhu Rockshape Machinery Pvt. Ltd., Solapur	2019-20	15 Days	One Student completed Internship



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43	Resource Sharing	Abhishek Construction, Solapur	2019-20	01 year	Consultancy & Testing
44	Resource Sharing	Aditya Corporation	2019-20	01 year	Consultancy & Testing
45	Resource Sharing	Alacrity Constructions PVT. Ltd., Solapur	2019-20	01 year	Consultancy & Testing
46	Resource Sharing	Darshan Executive, Tuljapur	2019-20	01 year	Consultancy & Testing
47	Resource Sharing	Er. Jawahar Upase, Solapur	2019-20	01 year	Consultancy & Testing
48	Resource Sharing	Er. Sachin Birajdar (NCC Ltd., Bangalore)	2019-20	01 year	Consultancy & Testing
49	Resource Sharing	Kailash Devbuild (India) Pvt. Ltd.	2019-20	01 year	Consultancy & Testing
50	Resource Sharing	M/s. Roshan Builders & Devp. , Solapur	2019-20	01 year	Consultancy & Testing
51	Resource Sharing	M/s. Vijay Infra Projects Pvt. Ltd.	2019-20	01 year	Consultancy & Testing
52	Resource Sharing, Academic Activities	NHAI, Solapur	2019-20	03 years	Internship (2020-21)
53	Resource Sharing	Noble Enterprises	2019-20	1 year	Consultancy & Testing



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54	Resource Sharing	OC specialities MIDC, Solapur	2019-20	1 year	Consultancy & Testing
55	Resource Sharing	Priyadarshai Corporation, Solapur	2019-20	1 year	Consultancy & Testing
56	Resource Sharing	Raghvendra G. Kota	2019-20	1 year	Consultancy & Testing
57	Resource Sharing	Sahyadri Construction Company, Sangli	2019-20	2 years	Consultancy & Testing (2019-20)
					Consultancy & Testing (2020-21)
58	Resource Sharing	Shri Datta Construction	2019-20	1 year	Consultancy & Testing
59	Resource Sharing	Solapur-City Devp. Corporation Ltd.	2019-20	1 year	Consultancy & Testing
60	Resource Sharing	Vamsi Lab	2019-20	1 year	Consultancy & Testing
61	Resource Sharing	Zuari Cement Ltd	2019-20	2 years	Consultancy & Testing (2019-20)
					Consultancy & Testing (2020-21)
62	Academic Activities	Ghanate Group Builders & Developers	2019-20	1 year	Internship
63	Academic Activities	BJR Constructions Pvt. Ltd.	2019-20	1 year	Internship
64	Academic Activities	M. Sadique M. Shaikh	2019-20	1 year	Internship
65	Academic Activities	Samarth Constructions	2019-20	1 year	Internship
66	Academic Activities	Yogi Design Associates	2019-20	1 year	Internship (2019-20)
					Internship (2020-21)



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67	Academic Activities	WATER TREATMENT PLANT SOREGAON SOLAPUR	2019-20	1 day	Industrial Visit
68	Academic Activities	Kshirsagar S S, Govt. Contractor	2019-20	1 year	Training
69	Academic Activities	Renuka Constructions	2019-20	1 year	Training
70	Academic Activities	Shree Venkatesh Multicon	2019-20	1 year	Training
71	Academic Activities	Conceptual Designs	2019-20	1 year	Training
72	Academic Activities	Chaitanya Constructions	2019-20	1 year	Training
73	Academic Activities	Ankita Constructions	2019-20	1 year	Training
74	Academic Activities	AB Architects	2019-20	1 year	Training
75	Academic Activities	Siddhi Constructions	2019-20	1 year	Training
76	Academic Activities	Shree Sadguru Constructions	2019-20	1 year	Training
77	Academic Activities	Jitendra Bagalkoti & Associates	2019-20	1 year	Training
78	Academic Activities	Er. Madhukar Kodam	2019-20	1 year	Training
79	Academic Activities	Girija Developers	2019-20	1 year	Training



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80	Academic Activities	Shiva Constructions	2019-20	1 year	Training
81	Academic Activities	Shri Sai Vishwa Builders & Developers	2019-20	1 year	Training
82	Academic Activities	A. M. Dharashivkar	2019-20	1 year	Training
83	Academic Activities	Sirsai Engg & Contractors	2019-20	1 year	Training
84	Academic Activities	Raut Salunkhe Associates	2019-20	1 year	Training
85	Academic Activities	Kanhaiya Construction & Surveyors	2019-20	1 year	Training
86	Academic Activities	Srushti Engineers and Consultants	2019-20	1 year	Training
87	CST Lecture	Vedam Lab	2019-20	One day	Conducted Capgemini CST lecture on "IoT" to TECSE students
88	Guest Lecture	Ruchkar Soalpur.com	2019-20	One day	Conducted guest lecture on "Startup and Entrepreneurship" to TECSE students
89	CST Lecture	Vpace Tecnologies	2019-20	One day	Conducted One Day Workshop on "Website development using Wordpress" to SECSE students
					Conducted 2 days Capgemini CST lecture on "Node JS & JavaScript" to TECSE students.
90	Academic Activity	220KV Bale Substation, Bale MSETCL	2019-20	1 Day	Industail Visit 2019-2020



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91	Academic Activity	MSEDCL Solapur	2019-20	1 Day	Expert/Guest/ Lecture for students on 3 Phase Transformer
92	Academic Activity	Sofcon Ind Pvt Ltd	2019-20	1 Day	1 Day Workshop on PLC and SCADA
Academic Year 2018-19					
1	Developme nt of Solar Research Centre, Project Phase-I Sponsorship and Donation of Equipment	Dassault Systemes Laa Foundation (MoU)	2018-19	3 Years	<p>One day workshop on “C ++ Programming for Scientific Application Development” on 7th July 2018</p> <p>Dr Shriniwas S Metan worked as a JURY MEMBER for National Design Competition AAKRUTI 2018 by Dassault Systems Pune.</p> <p>Solar lab is funded by Dassault System Foundation to make Future Solar Industry Ready Engineers & also for R & D work in the solar domain. Solar lab was inaugurated on the eve of 11th Foundation Day on 19th January 2019 by Honourable Dr. Anil. D. Sahasrabudhe Chairman AICTE New Dehli along with Mr.Hemant Gadgil & Mr.Sudhrashan Mogasale CEO 3DPLM Dassault System Pune</p> <p>Mr. Sudarshan Mogasale, CEO, Dassault Systemes, R&D Center (3DPLM) India delivered a Session on “Powering Innovation: How global industries are innovating?” for the Faculty members and students of Mechanical Engineering Department on 19th January 2019.</p>



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					Total 120 students and 08 Faculty members were present.
					La Fondation Dassault Systems has conducted webinar sessions by Industry experts to guide the students on identifying appropriate and meaningful projects to make them "Industry Ready". Many faculties attended the same along with students. It's 7 Days Webinar Series for bridging the gap between Academia & Industry.
					Prof. B R Birajdar, Prof P N Kulkarni and Prof. M B Awate has participated in 10 Days ACM India Winter Schools 2019- on Geometric Algorithms and Their Applications, organized by Dassault Systemes LA fondation & IISER, Pune.
					Dr. Shrinivas S Metan attended "Solidworks World 2019" in Dallas USA from 10th to 13th February 2019 as a Technical Expert. He has received a Travel & Stay Grant worth 250000/- (Two Lakhs Fifty Thousand Rs) from Dassault Systems, USA for attending the Conference



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					<p>A session on "Your success story in Akrti Competition 2018" by Mr Yash Dhake to sensitize the students regarding the Akrti Competition 2019.</p> <p>Mr Salim Huzefa and Mr Milind Desai from Dassault Systemes was Jury members for the "Project Competitions 2019-20" Final Year Projects. Total 28 projects were displayed on 12th April 2019 in our campus.</p> <p>120 hours Training Course on Solar Ready Engineer</p>
2	Placement Activity	Giri's Tech Hub Pvt. Ltd., Pune (MoU)	2018-19	4 Years	<p>Pre-placement workshop - 2019-20</p> <p>Pre-placement workshop - 2020-21</p> <p>Pre-placement workshop - 2021-22</p>
3	Project Sponsorship	Krishi Vigyan Kendra, Solapur	2018-19	One Year	Sponsored Project - Development of Mini Kitchen Garden Model under the guidance of Prof B. R. Birajdar
			2018-19	One Year	Sponsored Project - Development of "Weedicides" Application Module under the guidance of Prof B. R. Birajdar
4	Project Sponsorship	Dhaiphule Industries, Solpaur	2018-19	One Year	Sponsored Project -Design and Development of Cloth Duster for Textile Industries under the guidance of Prof A. S. Kashid
5	Academic Activities	JSW Steel Ltd.	2018-19	One day	Growth In Challenges - Mr. Sambhaji Kudale Sr. Manager, Corporate Internal Audit, JSW Steel Ltd.



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				30 Days	One Student completed Internship
6	Expert Lecture	Mechanical Outsourcing Solution, Pune	2018-19	One day	Current Trends of Design & Development in Mechanical Engg. - Mr. Sumeet Patil, MD, Mechanical Outsourcing Solution, Pune
7	Expert Lecture	Maruti Products Ltd., Kolhapur	2018-19	One day	Metallurgy & Foundry Technology - Mr. Atul Kulkarni, Maruti Products Ltd., Kolhapur.
8	Expert Lecture	Thyssenkrupp, Pune	2018-19	One day	Expectation of Companies & Organization from Fresh Engineering Graduates - Mr. Nitin Gawhane, Senior General Manager, Thyssenkrupp, Pune
9	Expert Lecture	Spectrum Academy, Mumbai.	2018-19	One day	Opportunities for Engineering Students in Banking Sectors - Mr. Sunil Patil, Director, Spectrum Academy, Mumbai.
10	Expert Lecture	Chanakya IAS Academy, Pune.	2018-19	One day	Preparation for Competitive Exams - Mr. Amit Medhekar, Chanakya IAS Academy, Pune.
11	Expert Lecture	CAD/CAM Guru, Pune.	2018-19	One day	Falcon 9-A Revolution in commercial space travel - Mr. Shrikant Bidwai, Marketing Head, CAD/CAM Guru, Pune.
12	Internship	Gandhi Hyudai, Solapur	2018-19	15 Days	Two Students completed Internship
13	Internship	Siddha Laxmi Engg. INDS. Pvt. Ltd. Pimpri, Pune	2018-19	15 Days	One Student completed Internship
14	Internship	S. Engineering Solapur	2018-19	15 Days	One Student completed Internship
15	Internship	Mahatma Phule	2018-19	15 Days	One Students completed Internship



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		Anusuchit Jati Jamati Shetkari Sahakari Soot Girani Niyamit, Mohol			
16	Internship	R. I. Engineering Works Solapur	2018-19	15 Days	One Student completed Internship
17	Internship	Prime Engineering Works, Pune	2018-19	15 Days	Nine Students completed Internship
18	Internship	Kuuality Conveyors, Pune	2018-19	15 Days	Two Students completed Internship
19	Internship	Akshay Metal Industries, Osmanabad	2018-19	15 Days	Two Student completed Internship
20	Faculty on Board	S-Global Engineering, Pune	2018-19	One Year	Two faculties Prof. A. S. Dhobale and Prof. B. R. Birajdar had appointed as a technical consultant
21	Internship	Kirloskar Ferrous Ltd., Solapur	2018-19	15 Days	5 Students completed Internship
22	Internship	Ashwini Bajaj, Akkalkot	2018-19	15 Days	One Students completed Internship
23	Internship	Jai Shiv Enterprises Chinchwad Pune	2018-19	15 Days	One Student completed Internship
24		Thirumala Precicasts, Ule	2018-19	15 Days	12 Students completed Internship
			2019-20	15 Days	02 Students completed Internship



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	Internship, Industrial Visit		2022-23	One day	Industrial visit was arranged for TE Mechanical students on 24th and 25th April 2023
25	Internship	Precise engineers, Solapur	2018-19	30 Days	Two Students completed Internship
26	Internship	Balaji Accu-Preci Parts Pvt. Ltd., Solapur	2018-19	30 Days	4 Students completed Internship
27	Internship	Microtech Engineering Works	2018-19	30 Days	One Student completed Internship
28	Internship	Jakraya Sugar Ltd, Mangalwedha	2018-19	30 Days	One Student completed Internship
29	Internship	Babanraoji Shinde Sugar & Allied Industries Ltd., Turk Pimpri	2018-19	30 Days	One Student completed Internship
30	Internship	Vishal Industries Pune	2018-19	25 Days	4 Student completed Internship
31	Internship	Pragati Industries, Ahmednagar	2018-19	15 Days	One Student completed Internship
32	Internship	CAD DESK Solapur	2018-19	3 Months	6 Students completed Internship
33	Internship	Shahuraj Mags. Audy. Sah. San. Maryadit, Chandur	2018-19	25 Days	3 Students completed Internship
34	Internship	Gryphon Automobile, New Delhi	2018-19	1 Month	8 Students completed Internship



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35	Internship	Irshad Air Systems, Solapur	2018-19	15 Days	One Student completed Internship
36	Resource Sharing	Aadavann infra india pvt ltd, Mumbai	2018-19	1 year	Consultancy & Testing
37	Resource Sharing	Asim Sindagi Architect & int. design., Solapur	2018-19	1 year	Consultancy & Testing
38	Resource Sharing	Dayanand College of Arts & Science	2018-19	1 year	Consultancy & Testing
39	Resource Sharing	Dr. Anand Mudkanna, Solapur	2018-19	1 year	Consultancy & Testing
40	Resource Sharing	Er. Madur P. C.	2018-19	3 years	Consultancy & Testing (2018-19)
					Consultancy & Testing (2019-20)
					Consultancy & Testing (2020-21)
41	Resource Sharing	Er. Raghavendra Kota	2018-19	3 years	Consultancy & Testing (2018-19)
					Consultancy & Testing (2019-20)
					Consultancy & Testing (2020-21)
42	Resource Sharing	Global Construction Solapur	2018-19	1 year	Consultancy & Testing
43	Resource Sharing	Gurukrupa Enterprises, Nashik	2018-19	1 year	Consultancy & Testing
44	Resource Sharing	Jagprayag Infrastructure Pvt. Ltd., Latur	2018-19	1 year	Consultancy & Testing
45	Resource Sharing	Lande Sitaram Jalindar	2018-19	2 years	Consultancy & Testing (2018-19)
					Consultancy & Testing (2019-20)



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46	Resource Sharing	Lokhandwala Consultancy, Solapur	2018-19	1 year	Consultancy & Testing
47	Resource Sharing	Pathan Developers	2018-19	1 year	Consultancy & Testing
48	Resource Sharing	Noble Hospital, Solapur	2018-19	1 year	Consultancy & Testing
49	Resource Sharing, Academic Activities	Om Constructions, Solapur	2018-19	2 years	Consultancy & Testing (2018-19)
					Consultancy & Testing (2020-21)
					Internship (2020-21)
50	Resource Sharing	Origin Associates, Solapur	2018-19	1 year	Consultancy & Testing
51	Resource Sharing	Pandurang Industries, Solapur	2018-19	1 year	Consultancy & Testing
52	Resource Sharing	Polad Steel	2018-19	1 year	Consultancy & Testing
53	Resource Sharing	RSM Unity Devp, Solapur	2018-19	4 year	Consultancy & Testing (2018-19)
					Consultancy & Testing (2019-20)
					Consultancy & Testing (2020-21)
					Consultancy & Testing (2021-22)
54	Resource Sharing	Samarth Industries, Haglur	2018-19	1 year	Consultancy & Testing
55	Resource Sharing	Shinde Developers Pvt. Ltd.	2018-19	1 year	Consultancy & Testing
56	Resource Sharing	Shraddha Infra, Pune	2018-19	1 year	Consultancy & Testing
57	Resource Sharing	Versatile Prestress Products, Solapur	2018-19	1 year	Consultancy & Testing



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58	Resource Sharing	Vijaykar Constructions, Vijaypur	2018-19	1 year	Consultancy & Testing
59	Academic Activities	IRB Asphalt Batchmix Plant	2018-19	1 day	Industrial Visit
60	Academic Activities	Solapur-City Devp. Corporation Ltd.	2018-19	1 year	Training
61	Academic Activities	Amogh Constructions	2018-19	1 year	Training
62	Academic Activities	Gurumaharaj Developers	2018-19	1 year	Training (2018-19)
					Training (2019-20)
63	Academic Activities	Lokmangal Developers Ltd.	2018-19	1 year	Training
64	Academic Activities	CWPRS, Pune	2018-19	2 year	Internship (2018-19)
					Internship (2020-21)
65	Academic Activities	SB Multicon Builders & Developers	2018-19	1 year	Training
66	Academic Activities	Meraj Constructions	2018-19	1 year	Training
67	Academic Activities	Amar Constructions	2018-19	1 year	Training
68	Academic Activity	MSEDCL PLC and SCADA centre Solapur	2018-2019	1 day	Industrial Visit 2018-2019
69	Industrial Training	Techdata Pune	2018-19	1	Industrial training
70	Industrial Training	Zensar Technologies Pune	2018-19	1	Industrial training
			2019-20	2	Industrial training



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71	Guest Lecture	JP Morgan Chase & Co.	2018-19	One day	Conducted guest lecture on "Software Engineering" to TECSE students
72	Skill Development Activity	Tata Technologies Ltd (MoU)	2015-16	Lifetime	Distant Ready Engineer Program Sponsorship under Prayatna Scholarship for the innovation and development of SUPRA vehicle (2018-19) Distant Ready Engineer Program (2019-20) Sponsorship under Prayatna Scholarship for the innovation and development of "Two Seater Solar Vehicle". (2019-20) Distant Ready Engineer Program (2020-21) Distant Ready Engineer Program (2021-22)