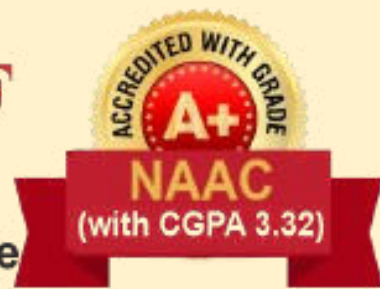




Pradnya Niketan Education Society Pune's
**NAGESH KARAJAGI ORCHID COLLEGE OF
ENGINEERING & TECHNOLOGY, SOLAPUR**
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to DBATU, Lonere
Accredited by NAAC with A+ Grade



Mechanical Engineering Department

NEWS LETTER



January - July 2024

Prof. A. H. Kamble
News Letter Editor

Prof. S. S. Kale
HoD – Mech. Engg. Dept.

Vision & Mission

Vision

To be a preferred destination for Mechanical Engineering ensuring academic excellence, fostering Industry readiness, and promoting techno-societal research.

Mission

- To strive for excellence in our teaching-learning process, encouraging creativity and critical thinking
- Strengthening industry-institute interaction
- Providing holistic education for the students' personality development
- To imbibe universal values of respect, commitment and team spirit
- Providing employable education
- Promoting innovation, research and consultancy

From the Desk of HoD

Dear Students, Faculty, and Alumni, I am delighted to share the latest updates and achievements of our Mechanical Department for AY 2023-24, Semester II. We are proud to announce that our institution has been accredited by NAAC with an A+ grade, reflecting our commitment to academic excellence. Additionally, we have achieved autonomous status, allowing us greater flexibility in curriculum design and teaching methodologies. Our department continues to excel



academically, with faculty publishing in high-impact journals and students consistently performing well in examinations. We have also been actively involved in societal projects, addressing real-world challenges and contributing to community betterment. Furthermore, our students have excelled in national competitions, showcasing their talents and bringing laurels to the department. As we move forward, we remain committed to nurturing our students' talents and achieving new heights of success. Congratulations to all for your remarkable contributions.

Thank you for your continued support and dedication.

Warm regards,

Prof. S S Kale,

Head of the Department

Mechanical Engineering

Research & Development Activities

Projects Shortlisted

Two projects from Mechanical Engineering Department were shortlisted in top 100 Innovative Projects in all second in top 20 in Engineering Sector in CIIA-3 Innovation National Competitions.

The titles of the project were;

1. Solar Floating Power Plant for Rural Ecosystem.
2. IOT based Insect and Bird Repellent System.

Team Ashwamedh got Sponsorship of Rs. 1,00,000/-

"Team Ashwamedh, representing the SAE Supra vehicle from the Mechanical Engineering Department, has received a sponsorship amount of Rupees One Lakh from Precision Camshaft Ltd.

Project Guides -

Prof. B R Birajdar

Prof. D D Bhoge

Team Ashwamedh got Sponsorship of Rs. 50,000/-

"Team Ashwamedh, representing the SAE Supra vehicle from the Mechanical Engineering Department, has received a sponsorship amount of Rupees 25,000/- from Jalsamrudhi, Ule, Solapur

Project Guides -

Prof. B R Birajdar

Prof. D D Bhoge



Research & Development Activities

International Internship Program

Four students of Nagesh Karajagi Orchid College of Engineering & Technology, Solapur, were undergone 3-month internship from 15th March 2024 to 7th June 2024, at Polytech Nancy - Université de Lorraine, 2 rue Jean Lamour - VANDOEUVRE-LES-NANCY - F-54519 FRANCE, on "Development of Sustainable System of Green Electricity Production Based on Photovoltaic Panels". During this internship Program students developed Solar Tree for the Sustainable City Development for the European Conditions, Course work in Solar domain, practical's and industrial visits. They completed this Project work along with three French students under the guidance of Prof Tarak Ben Zineb and Dr. S. S. Metan.

Students undergoing the Internship:

1. Mr Rishikesh S Marathe (Final Year Mechanical Engineering)
2. Mr Aditya S Metan (Final Year Mechanical Engineering)
3. Mr Mayur S Katgaonkar (Final Year Mechanical Engineering)
4. Mr Umesh S Kangeti (Final Year Mechanical Engineering)

Course Coordinatr: Prof. C. V. Papade

Program Coordinator and Project Guide: Dr. S. S. Metan



Research & Development Activities

3 Months International Internship Program on “Solar Energy for Sustainable Development of Cities and Rural Ecosystem”

Four students from Polytech Nancy University France are undergoing 3 months Internship Program in Solar Research Center. They are working on two solar energy driven projects “Solar Tree Optimization” and “Solar operated Milk Pasteurization Unit” under the guidance of Dr S S Metan and Prof C V Papade.

Program Coordinator and Project Guide: Dr. S. S. Metan



Departmental Activities

New FDM 3D Printer in Mechanical Engineering Department

Mechanical Engineering purchased a new FDM 3D Printer - Pratham Desktop for the Product Innovation Centre under MODROB. The machine is having build volume of 200 x 200 x 250 mm. It is installed in Product Innovation Center on 25th January 2024 and following faculty members have undergone the training.

Prof. A. S. Dhobale, Prof. S. K. Khillare, Prof. B. R. Birajdar, Dr. S. E. Gudur.

The 3D Printing facility is now available for projects or any other academic or research related work of students and faculty members.

Prof. Dhobale A. S. - Project Co-coordinator

Prof. S. S. Kale - Project Coordinator



Departmental Activities

Interaction of Team Avengineers with Mr. Banoth Champla (Airport Authority Solapur Airport)

On 29th January 2024, Mr Banoth Champla Airport Authority Solapur Airport conducted a Session for Team Avengineers of Mechanical Engineering Department on the Rules and Regulations to fly the Aircraft. He appreciated the work done by students. He visited Aircraft Room and also Solar Research Center.

He will be one of the Experts on Aircraft and Drone Advisory Board of Mechanical Engineering Department.

Dr. S. S. Metan coordinated this visit with Team Avengineers.



Dr Vikas Shinde delivered a session on "Problem Based Learning and Opportunities of International Internship" for TY Students.

On 15/02/2024, Mechanical Engineering Department organised a session on "Problem Based Learning and Opportunities of International Internship". Dr Vikas Shinde has guided the TY MECH students on above topic. Prof K. A. Shaikh coordinated the event.



Departmental Activities

A World in Motion City Olympics 2024

SAEINDIA WS AND NK Orchid College of Engineering and Technology conducted A World in Motion (AWIM) CITY OLYMPICS on 24th Feb 2024. Total 56 students from 7 schools of Solapur City participated in it. Mr. Pravin Parde (PSI) was the Chief Guest for inauguration and Prof. S. S. Kale (HOD MECH) were the Chief Guest for Prize Distribution. 16 students volunteers from mech dept. made this event successful. Prof. M. B. Awate , Prof D. D. Bhoge and Mr. Rishi Marathe coordinated the event. Prof. Priyanka Gandhi, Prof. Koli, Prof. B. R. Birajdar were the judge for the program.

Congratulations to Winners for AWIM SOLAPUR CITY OLYMPICS Jet toy winner: Sidheshwar Montessori School Solapur Skimmer Winner: Sidheshwar English Medium School Solapur.



Departmental Activities

Session on “Piping Design Engineering in Process Industries” was conducted to TY Mechanical Students.

On Wednesday 14/02/2024 Session on Piping Design Engineering in Process Industries was conducted on Third Year Mechanical Engineering by Mr Pramod Deshmukh from Asian Academy Pune. He briefed about importance of Piping Layout, Equipment Layout, Isometric Drawings, BOM, Softwares etc. Total 60 students were present.

Dr. S. S. Metan has organized this session and Prof. T. A. Garande, Prof. D. R. Gaikwad, Mr Samadhan Patil were present.



Expert lecture "Testing of IC Engine" conducted for TY Mechanical Students..

Expert lecture of Dr. Siddappa Busnoor (Ph.D. IIT Bombay, M Tech. IIT Delhi) conducted on 17/02/24, to TE Mechanical class on "Testing of IC Engine".

He covered various points like Performance Parameters, Testing etc.



Departmental Activities

Industrial Visit of SY Mechanical Engineering Students to Suresh Metal Works Solapur.

On 22/02/2024, S.E Mechanical Div. B and on 01/03/2024 S.E Mechanical Div. A students visited to Suresh Metal Works, Solapur. Students have learned following things practically;

1. Sand Casting Process
2. Mould making
3. Melting practice
4. Metal Pouring
5. Oxyacetylene gas cutting process.

This industrial visit was inline with the subject Manufacturing Process-I. Total 60 students were present. This industrial visit is coordinated by Prof. A. H. Kamble along with Prof. D. D. Bhoge, Dr. M. B. Kulkarni, Prof. D. R. Gaikwad, Dr. A. M. Kazi and Mr. A. M. Metkari.



Departmental Activities

Installation and Demonstration and Training of CNC Milling Machine purchased under MODROB.

New CNC Milling Machine purchased under MODROB is installed in the Workshop and two days training was conducted by the supplier on 20th and 21st March 2024. Following faculty members attended the training on CNC Milling machine along with 07 final year students from Mechanical Engineering Department.

1. Prof. A.H. Kamble
2. Prof. A. A. Nimbalkar
3. Prof. D.R. Gaikwad
4. Mr. A. M. Metkari
5. Mr. Pravin Patil

Project Coordinator: Prof. S.S. Kale

Project Co-coordinator and Activity Coordinator: Prof. Dhobale A. S.

M. B. Kulkarni, Prof. D. R. Gaikwad, Dr. A. M. Kazi and Mr. A. M. Metkari.



Departmental Activities

Industrial Visit of TE-Mechanical Students to Rudrali Hi-Tech Tools Pvt Ltd, Solapur

On 28/3/24 TE Mechanical Div. A & B students visited Rudrali Hi-Tech Tools Pvt Ltd ,Akalkot Road MIDC, Solapur for Subject of Manufacturing Process-.2 Students have understood following things practically;

1. Wire EDM Process
2. Grinding process
3. Profile projector

Prof. D. R. Gaikwad had coordinated this visit along with **Prof. A. A. Nimbalkar**, **Prof. A. S. Dhobale** and **Prof. T. A. Garande**



Motivational and Career Guidance Session for SE-Mech

Expert session conducted on “Would you want to wait for your placement or be placement ready” for SE-Mech Student. Total 96 students attended the session. This program is coordinated by Prof. D. D. Bhoge

Speaker : Dr. Govind Rathod

(Deputy Director, Lexicon Management Institute of Leadership and Excellence, Pune)

Date of Conduction: 08/04/2024

Departmental Activities

Workshop on CAM by Autodesk

From 2nd May to 4th May 2024, Mechanical Department has conducted the three days training on “Computer Aided Manufacturing (Turning and Milling) using Autodesk Fusion 360.”

No. of students: 30 (SE to BE 05 students from each class)

Time: 10.00 am to 5.00 pm

Sponsored by: Autodesk

Coordinator: Prof. A. S. Dhobale

HOD: Prof. S. S. Kale



Departmental Activities

Inauguration of “Arambh – Roots of Engineering Education”

On 24th April 2024 Mechanical Engineering Department started an industry sponsored internship program by Autodesk for FE Mechanical and Civil Engineering students - "Arambh" Roots of Engineering Education. Internship includes training by Autodesk experts on Fusion 360 software. It will run in online and offline mode in alternate weeks.

Mr. Vijaykumar Revankar and Mr. Krishna from Tech Mantra (Official Training Partner of Autodesk) were experts from Autodesk. Prof. S. D. Jadhav (HOD FE) and Prof. S. S. Kale (HOD Mech) felicitated guests and inaugurated the internship program.

Coordinator and SPOC for Autodesk- Prof. A. S. Dhobale



Departmental Activities

Parent-Teacher meeting

Parent-Teacher Meeting was arranged on 4th May 2024 from 03PM onwards in ARC Hall. Meeting started with address of Prof. S. S. Kale, HOD of department. He briefed about departments achievements, placements, a few alumni profiles, new initiatives taken and funding received by department. Dr. B. K. Sonage, Principal sir has given insights on various activities and initiatives taken by Institute for teaching learning process and curricular activities. Prof. Y. B. Patil, briefed about internship and placement related activities. Department felicitated the students and their parents with the highest percentage of attendance during this semester and the students with top marks in last semesters exam and CA-I and Mid-sem exam.

Meeting was closed with vote of thanks by Prof. R. V. Sanga.



Departmental Activities

Industrial Visit to Precision Camshaft Ltd., Solapur

On 25th May 2024 students from Mechanical Engineering Department Team Avengineers and Team Pushpak with the 4 French University Students visited to Precision Camshaft Ltd Solapur. They have been briefed about the Journey of PCL from 1992 from 600 Camshafts manufacturing to 1.2 million Camshaft manufacturing per month, the present happenings in PCL. Also Students visited to Foundry and Machine Shop.

Total 27 Students and 3 faculty members were present.

Dr S S Metan arranged and coordinated the visit. Prof A H Kamble and Mr Kore were accompanied the visit.



Industrial Visit Solapur Bio Energy Systems Pvt. Ltd.

On 22nd May 2024 12 students from Mechanical Engineering Department visited to Solapur Bio Energy Systems Pvt. Ltd. Solapur. Students saw the details of the solid waste management, biogas plant, generation of electricity and transformation of it. Hon. Principal Dr. B. K. Sonage, Prof. S. S. Kale, Dr. M. B. Kulkarni, Prof. D. D. Bhoge and Prof. R. V. Sanga were present along with students for the visit.

Faculty Activities

Workshop/ STTP/ FDP Attended

Sr. No.	Workshop/ STTP/ FDP Title	Organized by	Duration	Participated Faculties
1	Integrating AutoDesk Fusion 360 with Additive Manufacturing for Generative Design Applications in Medical and Mechanical Engineering Field	WIT Solapur	One week (09/01/2024 to 13/01/2024)	Prof. D. D. Bhoge Prof. B. R. Birajdar Prof. A. S. Dhobale
2	Recent Developments in Materials and Manufacturing Processes	Smt. Kashibai Navale College of Engineering, Pune	Two weeks (online mode) 15/01/2024 to 27/01/2024	Prof. B. R. Birajdar
3	NPTEL Course on NBA Accreditation and Teaching-Learning in Engineering (NATE)	IISc Bangalore	Jan2024 to Apr 2024	Prof. T. A. Garande
4	Training & Orientation Program on Drone Technology	Garuda Academy, Chennai	One week 15/07/2024 to 19/07/2024	Prof. B. R. Birajdar Prof. M. B. Awate

Patents Filed/ Published/ Granted

Sr. No.	Title	Chief Inventor	Status	Patent No.
1	Mechanised Cloth Duster	Dr. B. K. Sonage and Dr. A. S. Kashid	Granted	517801
2	Roller Scale– Triangular	Prof. B. R. Birajdar	Granted	402988-001

Faculty Activities

Prof. A. S. Kashid Completed PhD.

Prof. A. S. Kashid have successfully completed his PhD from Sanjay Sanjay Ghodawat University. His topic of PhD was “Development of Hybrid Manufacturing Process for Aluminium Foam and Optimization of its Process Parameters” under the guidance of Dr. Abhijit Patil. On the behalf of Mechanical Engineering Department “Heartiest Congratulations to Dr. A. S. Kashid”.



Prof. D. D. BHOGE received GURU Award from SAEINDIA FOUNDATION

Prof. D. D. BHOGE received GURU Award from SAEINDIA FOUNDATION by the hands of Mr. David Schutt, Chairman SAE INTERNATIONAL. This award is given to him for supporting students and promoting SAEINDIA activities.



Two faculties from Mechanical Engineering Department were shortlisted for AICTE-QIP PG Certificate Program

Prof. T. A. Garande and Prof. A. S. Dhobale from Mechanical Engineering Department were shortlisted for AICTE-QIP PG Certificate Program in AI and ML at Indian Institute of Information Technology, Nagpur.



Dr. N. R. Patil attended NEP 2020 orientation and sensitization programme

Dr. N. R. Patil attended the **NEP 2020 orientation and sensitization programme** under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by UGC - Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amaravati University, Amravati from 15th Jan to 24th Jan 2024.

Student Activities

Miss. Pratima Gophane received Kalpana Chawala Award from SAEINDIA FOUNDATION

Miss. Pratima Gophane from Mechanical Engineering students received Kalpana Chawala Award from SAEINDIA Foundation. She received a scholarship of Rs. 10,000 for outstanding achievement and participating in SAE activities



India Skill Competition

Mr. Ashutosh Udata (TE Mech) secured 4th rank at National level in Mechanical CAD and got awarded with "Medallion for Excellence" in India Skill Competition 2024. The competition was conducted in Yashobhoomi Dwaraka, New Delhi.

-Prof. Dhobale A. S. Nodal Officer NKOCET, India Skills Competition 2024



Galaxy S24 Ultra shubhu koli

Student Activities

Mechanical Engineering Student Association

Mechanical Engineering Student's Association (MESA) is vibrant student association which organizes many programs with the help of its student committee every year. The steering committee of students is formed at the start of every academic year and then this committee organizes events for students like expert talks, Fresher's party, Competitions, Send off for final year students etc.

Prof. A. S. Dhobale

MESA Coordinator

Sr. No	Name of Activity	Date
1	Formation of MESA Team	4 th Sept 2023
2	Celebration of Teacher's Day	5 th Sept 2023
3	Celebration of Engineer's Day	15 th Sept 2023
4	Coordinating Inauguration of SAE Collegiate Club	16 th Sept 2023
5	Session on "Opportunities in Design by Mr. Dharmesh Tank"	12 th Oct 2023
6	Fresher's Party	9 th Mar2024
7	Send Off for BTech 2024 batch	30 th May 2024



Teacher's Day Celebration



Students and Faculty Members attending the session by Dr. Rajkumar Deshmukh



Pratima Pujan of Sir Mokshagundam Visvesvaraya



Fresher's Party

Training & Placement Activities

We are pleased to inform you that this time Mechanical Engineering Department have placed 82 students in different companies. Here is the list of placed students along with their placed companies and packages offered.

Prof. Y. B. Patil (Departmental T & P Coordinator)

Sr. No.	Name of Student	Name of Company	Package(Lac.)
1	Metan Aditya Srinivas	Aquachills Systems India Pvt.Ltd. Pune	3 LPA
2	Katgaonkar Mayur Santosh		
3	Vadnal Raju Nagesh		
4	Dudam Navin Ramesh	Q Spider Pune	-
5	Revankar Ajay Ashok		
6	Gadgi Nandkishor Sidram		
7	Mane Aniket Balasaheb	LEI India Pvt. Ltd. Pune	2.4 LPA
8	Chattarki Siddharudh Umakant		
9	Dudam Navin Ramesh		
10	Patil Vanshika		
11	Rahul Aagbattin		
12	Madhukar Sanga		
13	Kanade Sangmeshwar Uttam		
14	Umesh Kangeti	Shree Om Techno Services, Pune	12000 (Stipend)
15	Ajay Revankar		
16	Pratham Dudhyal		
17	Shrikant Birajdar		
18	Sohel Mujawar		
19	Pratik Pawar		
20	Langote Pushparaj		
21	Nandikar Gadgi		
22	Anand Survase		
23	Rohan Kamble		
24	Pramod Gaddam		
25	Balaji Arpal		
26	Pravin Sambharam		
27	Ankita Gaikwad	Raviraj Hitech Pvt. Ltd.,Pune/ Jeur	14000 (Stipend)
28	Meghna Konkatti		
29	Rushikesh Kolge		
30	Sachin Thorat		
31	Ganesh Jadhav		
32	Aniket Chemdamshive		
33	Abhishek Takmoge		
34	Rahul Kale		
35	Rahul Lature		
36	Pramod Khulpe		
37	Ashish Pandit		
38	Prathmesh Kawathe		
39	Shinu Konka		

Training & Placement Activities

Sr. No.	Name of Student	Name of Company	Package(Lac.)
40	Ganesh Jadhav	Thyssenkrupp Uhde India Pvt.Ltd.	15k (Stipend)
41	Rohit Kantli	Burckhardt Compression India Pvt. Ltd	10k (Stipend)
42	Rajesh Adam	JK System Pune	13k (Stipend)
43	Chandanshive Aniket	Chakr Innovation Hinjawadi Pune	10k (Stipend)
44	Siddharudh Chattarki	Tritech Equipment Pune	14K (Stipend)
45	Ajay Rokade	Tritorc Equipment Pvt. Ltd.	
46	Rahul Aagbattin	Vigyan Ashram Pabhal Pune	10K (Stipend)
47	Avej Sultanpure	L&T Energy Hydrocarbon- Advent	
48	Nikita Thorat	Caterpillar India Pvt.Ltd. Aurangabad	22k (Stipend)
49	Pankaj Hanchate	Biztent Devices Malad West Mumbai	25k (Stipend)
50	Vanshika Patil		
51	Shaikh Mo Aziz Mo Ayyub	Revent Precision Engineering Ltd	12k (Stipend)
52	Sahil Sikandar Nadaf	New Sai Engineers	15k (Stipend)
53	Vaishnavi Salgar	NBT Technology Pune	10k (Stipend)
54	Mayur Santosh Katgaonkar	International Internship By La Foundation Dassault System At France	
55	Aditya Shrinivas Metan		
56	Umesh Shankar Kangeti		
57	Rishikesh Marathe		
58	Shubham Kore	Hriparna Chaytanya Solar Pvt. Ltd	15k (Stipend)
59	Pankaj Hanchate	IMCO Alloy Pvt. Ltd. Mumbai	3 LPA
60	Akash Chinta		
61	Vanshika Patil		
62	Shrinu Konka		
63	Prafull More		
64	Vinayak Nagasheeti	Kinetic Green	2.76 LPA
65	Shahabaj M Sadik Kumthe	Surin Automotive, Pune	2.4 LPA
66	Akash Chinta		
67	Nandakishor Gadgi		
68	Aditya Khajindar		
69	Sumit Kolkur	Sumax Enterprise, Pune	19400/- PM
70	Gaurav Patil	Fores Elastomech India Pvt. Ltd. Aurangabad	20000/- PM
71	Shahabaj Kumthe		
72	Aditya Khajindar		
73	Sohail Mujawar	Walchand Nagar Industries	20000/-PM
74	Shrikant Birajdar		
75	Shrikant Birajdar	DUROSHOX Pvt Ltd	4.2 LPA
76	Akash Chinta	DURACOOOL Pvt.Ltd.	2.12 LPA
77	Adarsh Annaldas	Vmax E-solutions (India) Pvt. Ltd. Hydrabad	3.5 LPA
78	Pramod Khulpe	Gujarat Rubber Pvt. Ltd.	2.4 LPA
79	Balaji Arpal		
80	Nikita Thorat		
81	Niranjan Yangaldas		
82	Sohel Khaleed Mujawar	Dekar Engineers Pvt. Ltd.	3 LPA

सोलापूर

प्रखर राष्ट्रीय विचारांचे दैनिक

तरुण भारत



संभाजीनगर, सातारा, सोलापूर, अहमदनगर, धाराशिव, लातूर, नांदेड, परभणी, हिंगोली, जालना व बीड येथून प्रकाशित

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20 Jun 2024 - Page 8

प्रा. आनंदराव काशीद यांना पीएचडी पदवी प्रदान

तभा वृत्तसेवा,
सोलापूर, दि. १९ जून-

येथील नागेश करजगी ऑर्किड अभियांत्रिकी महाविद्यालयातील मेकॅनिकल विभागातील सहयोगी प्राध्यापक आनंदराव शिवाजीराव काशीद यांना संजय घोडावत विद्यापीठाकडून डॉक्टरेट प्रदान करण्यात आली.

डेव्हलपमेंट ऑफ हायब्रीड मॅन्युफॅक्चरिंग प्रोसेस फॉर ऍल्युमिनियम फोम अँड ऑप्टिमायझेशन ऑफ इट्स प्रोसेस पॅरामीटर्स या विषयावर त्यांनी केलेल्या

संशोधनाबद्दल त्यांना ही डॉक्टरेट पदवी प्रदान करण्यात आली आहे. डॉ. अभिजित पाटील यांनी त्यांचे पी.एचडी. गाईड म्हणून काम पहिले आहे.

प्रा. आनंदराव यांनी अनेक पदवी आणि पदव्युत्तर प्रकल्पाना प्रत्यक्ष तसेच अप्रत्यक्षरीत्या मार्गदर्शन केले आहे. तसेच डीन डमिनिस्ट्रेशन म्हणून कार्यरत त्यांनी राष्ट्रीय आणि आंतरराष्ट्रीय



जरनलमध्ये त्यांचे संशोधन प्रकाशित केले असून त्यांना भारत सरकारच्या पेटंट ऑफिसकडून 'क्लॉथ डस्टर' या उपकरणाचे पेटंट देखील मिळाले आहे. ते सध्या नागेश करजगी ऑर्किड अभियांत्रिकी महाविद्यालयात

'ऑर्किड'च्या विद्यार्थ्यांची फ्रान्समधून इंटर्नशिप पूर्ण चार जणांचा समावेश; मान्यवरांच्या हस्ते सन्मान; कौतुकाचा वर्षाव

सकाळ वृत्तसेवा

सोलापूर, ता. २३ : येथील ऑर्किड अभियांत्रिकी महाविद्यालयातील यांत्रिक (मेकॅनिकल) अभियांत्रिकी विभागातील ऋषिकेश मराठे, आदित्य मेतन, मयूर काट्यावकर व उमेश कन्नोटी या विद्यार्थ्यांनी पॉलिटेक नॅन्सी युनिव्हर्सिटी फ्रान्समधून सोलर एनर्जी या क्षेत्रामध्ये तीन महिन्यांची इंटर्नशिप यशस्वीपणे पूर्ण केली आहे. या विद्यार्थ्यांनी १५ मार्च ते ७ जून दरम्यान 'सोलर ट्री फॉर सस्टेनेबल सिटीज इन युरोपियन कंट्रिशास' या प्रकल्पासाठी इंटर्नशिप पूर्ण केली आहे.



सोलापूर : फ्रान्समध्ये इंटर्नशिप पूर्ण केलेल्या विद्यार्थ्यांसोबत प्रा. डॉ. श्रीनिवास मेतन, प्रा. चेतन पापडे, प्रा. तारक झिनेब व इतर.

सोलापुरातील ऑर्किड अभियांत्रिकी महाविद्यालय व फ्रान्समधील पॉलिटेक नॅन्सी विद्यापीठात सामंजस्य करार झाला आहे. त्याअंतर्गत चार विद्यार्थी इंटर्नशिप पूर्ण करून परतले आहेत. या विद्यार्थ्यांनी प्रथम फ्रेंच विद्यार्थ्यांसोबत त्यांच्या वर्गात एक आठवड्याचे प्रशिक्षण घेतले व नंतर

कार्यक्षम, क्रिफायतशीर, प्रदर्शनीय सोलर ट्री विकसित करण्यासाठी त्यांनी प्रथम बाजार, ग्राहक आणि साहित्याचे सर्वेक्षण करून नेमकी समस्या परिभाषित केली. त्यानंतर त्यांच्यासोबत काम करणाऱ्या तीन फ्रेंच विद्यार्थ्यांसोबत विचारमंथन सत्रांनी 'सोलर ट्री'ची रचना केली. शिडी एक्सप्रियन्स प्लॅटफॉर्म वापरून

त्यांनी सोलर ट्रीचे शिडी मॉडेलिंग विकसित केले. त्यानंतर सुरक्षित कार्यासाठी फायनल डिजाइन मेथड या सॉफ्टवेअरने विश्लेषण केले. ऑर्किडचे चार विद्यार्थी आणि पॉलिटेक नॅन्सी युनिव्हर्सिटीच्या तीन विद्यार्थ्यांनी पॉलिटेक नॅन्सीतील प्रा. तारक वेन झिनेब व 'ऑर्किड'चे प्रा. डॉ. श्रीनिवास मेतन यांच्या मार्गदर्शनाखाली काम केले. तत्पूर्वी, डॉ. मेतन आणि कोर्स सहसमन्वयक प्रा. चेतन पापडे यांनी मार्चमध्ये फ्रान्सला भेट दिली होती. त्याचवेळी त्यांनी सर्व विभागांसाठी फ्रान्समधील इतर विद्यापीठांशी टाय-अप केले. या इंटर्नशिपबद्दल प्राचार्य डॉ. बी. के. सोनगे व सर्व शिक्षक-शिक्षकेतर कर्मचाऱ्यांनी अभिनंदन केले.

Solapur, Solapur-Today
24/06/2024 Page No. 8

Des étudiants indiens invités à la messe dominicale



Les quatre étudiants indiens accompagnaient leurs hôtes, Caroline Houot et Philippe Lange.

La messe de ce dimanche a réuni une belle assistance. La présence de quatre jeunes Indiens a été particulièrement remarquée. Venus de la région de Bombay, en Inde, ils poursuivent des études solaires à Nancy. À l'invitation de Caroline Houot et de Philippe Lange, ils ont pu découvrir les rites de la religion catholique, dans le cadre d'une immersion en terroir lorrain. L'animation à deux guitares, celles de Vincent et Louis Poutot, a donné à la célébration un caractère festif qu'ils ont beaucoup apprécié. La fête des mères et la consécration du mois de mai à la Vierge Marie étaient l'occasion de présenter exceptionnellement la statue de la Vierge à l'enfant au chardonneret qui a été inscrite en 2015 au titre des monuments historiques. Son élégant déhanché et le drapé du vêtement pourraient être d'inspiration bourguignonne. La création de l'œuvre, estimée au dernier quart du XIXe siècle, serait contemporaine de la construction du château par Isabelle de Tonnoy.

Crévic
26

Tout au long de l'année, l'Établissement Français du Sang (EFS) a besoin d'un grand nombre de poches de sang afin de soigner les

लोकमत



इंडिया स्किल्स २०२४ राष्ट्रीय स्पर्धेत यशस्वी झालेल्या ऑर्किड अभियांत्रिकीच्या विद्यार्थ्यांसह मान्यवर.

इंडिया स्किल्स राष्ट्रीय स्पर्धेत ऑर्किड अभियांत्रिकीचे यश

लोकमत न्यूज नेटवर्क

सोलापूर : भारत सरकारच्या कौशल्य विकास आणि उद्योजकता मंत्रालयातर्फे घेण्यात येणारी इंडिया स्किल्स २०२४ या स्पर्धेची अंतिम फेरी १५ ते १९ मेरोजी नवी दिल्ली येथे पार पडली. येथे ४० पेक्षा जास्त कौशल्यांमध्ये ३० पेक्षा जास्त राज्य आणि केंद्रशासित प्रदेशांमधून १०० पेक्षा अधिक विद्यार्थ्यांनी भाग घेतला. यामध्ये ऑर्किड अभियांत्रिकीच्या आशुतोष उडता याने 'मेकॅनिकल कॅंड' मध्ये देशात चौथा क्रमांक मिळवला. या स्पर्धेसाठी प्रा. आदित्य ढोबळे यांनी महाविद्यालयातर्फे नोडल ऑफिसर म्हणून काम पाहिले तसेच स्पर्धेच्या तयारीसाठी महाविद्यालयाने विद्यार्थ्यांना सर्वतोपरी सुविधा तसेच तज्ज्ञांचे मार्गदर्शन उपलब्ध करून दिले. याप्रसंगी संस्थेचे प्राचार्य डॉ. बी. के. सोनगे, डीन अॅडमिन डॉ. आनंदराव एस. काशीद, मेकॅनिकल विभागप्रमुख प्रा. सूर्याजी काळे तसेच इलेक्ट्रिकल विभागप्रमुख प्रा. विराज भोसले आणि गाईड प्रा. आदित्य ढोबळे यांनी यशस्वी विद्यार्थ्यांचे अभिनंदन केले. (त.प.)

आशुतोष उडता याने 'मेकॅनिकल कॅंड' मध्ये देशात चौथा क्रमांक मिळवला. या स्पर्धेसाठी प्रा. आदित्य ढोबळे यांनी महाविद्यालयातर्फे नोडल ऑफिसर म्हणून काम पाहिले तसेच स्पर्धेच्या तयारीसाठी महाविद्यालयाने विद्यार्थ्यांना सर्वतोपरी सुविधा तसेच तज्ज्ञांचे मार्गदर्शन उपलब्ध करून दिले. याप्रसंगी संस्थेचे प्राचार्य डॉ. बी. के. सोनगे, डीन अॅडमिन डॉ. आनंदराव एस. काशीद, मेकॅनिकल विभागप्रमुख प्रा. सूर्याजी काळे तसेच इलेक्ट्रिकल विभागप्रमुख प्रा. विराज भोसले आणि गाईड प्रा. आदित्य ढोबळे यांनी यशस्वी विद्यार्थ्यांचे अभिनंदन केले. (त.प.)

Solapur Main
Page No. 2 May 26, 2024
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सकाळ

इलेक्ट्रिक व्हेईकल तंत्रज्ञानात पहिल्यांदाच एम. टेक. यंदापासून अभ्यासक्रमास एन. के. ऑर्किड अभियांत्रिकी महाविद्यालयात सुरवात

सकाळ वृत्तसेवा

सोलापूर, ता. १७ : अभियांत्रिकी शिक्षणात सोलापूरने इव्ही (इलेक्ट्रिक व्हेईकल) क्षेत्रात एम. टेक. (ईव्ही) हा पदव्युत्तर पदवीचा अभ्यासक्रम पहिल्यांदाच सुरू होत आहे. आगामी काळातील ई-व्हेईकल तंत्रज्ञानाचा विकास व वाढ लक्षात घेत ही शैक्षणिक संघी उपलब्ध करण्यात आली आहे. नागेश करजगी ऑर्किड अभियांत्रिकी महाविद्यालयात हा अभ्यासक्रम उपलब्ध करण्यात आला आहे. इलेक्ट्रिक वाहन उद्योगातील कुशल व्यावसायिकांची



मागणी मोठ्या प्रमाणात वाढत आहे. सातत्याने इलेक्ट्रिक वाहने बाजारात दाखल झाली आहेत. या शिवाय एस्टॉन देखील इलेक्ट्रिक बस बाजारात आणल्या आहेत. प्रिसिजन उद्योग समुहाने देखील या तंत्रज्ञानाच्या उत्पादनासाठी पाऊले उचलली आहेत. या कोर्समध्ये सहा विद्यार्थ्यांचा प्रवेश क्षमता असेल. मेकॅनिकल, इलेक्ट्रिकल व

- ई-वाहन तंत्रज्ञानाचे महत्त्व
- कार्बन उत्सर्जन कमी करणे
 - हवामानातील कार्बन उत्सर्जनाचे परिणाम कमी करणे
 - शाश्वत वाहतुकीकडे जागतिक बदलाची दिशा
 - पर्यावरणीय प्रभाव
 - ऊर्जा कार्यक्षमता
 - आर्थिक वाढ
 - तांत्रिक नवोपक्रम
 - ऊर्जा स्वातंत्र्य

अभ्यासक्रमाची रचना
विद्यार्थ्यांना इलेक्ट्रिक वाहनांच्या क्षेत्रातील सर्वसमावेशक ज्ञान आणि व्यावहारिक कौशल्यांसह सुसज्ज करणे आहे. इलेक्ट्रिक पॉवरट्रेन डिझाइन, बॅटरी टेक्नॉलॉजी, चार्जिंग इन्फ्रास्ट्रक्चर, व्हेईकल डायनॅमिक्स आणि शाश्वत ऊर्जा उपाय यासारख्या आवश्यक बाबींचा अंतर्भाव करण्यासाठी हा अभ्यासक्रम बारकाईने तयार करण्यात आला आहे. विद्यार्थ्यांना हॅंड्स-ऑन प्रशिक्षण, अत्याधुनिक प्रयोगशाळा आणि उद्योग सहकार्याचा फायदा होईल, हे सुनिश्चित करून ते विकसित होत असलेल्या ऑटोमोटिव्ह क्षेत्रामध्ये योगदान देण्यासाठी तयार करण्यात आलेला आहे.

इलेक्ट्रिक व्हेईकल देखभाल व दुरुस्तीच्या क्षेत्रात सध्या मनुष्यबळाचा मोठा अभाव आहे. पण हे क्षेत्र सातत्याने विकसित होत आहे. याचा विचार करून हा अभ्यासक्रम उपलब्ध करण्यात आला आहे. - प्रा. एस. एस. काळे, विभागप्रमुख, नागेश करजगी ऑर्किड कॉलेज ऑफ इंजिनिअरिंग, सोलापूर



Solapur, Solapur-Today
18/06/2024 Page No. 1

