



MECH NEWSLETTER

Maratha Vidya Prasarak Samaj's Karmaveer Adv.
Baburao Ganpatrao Thakare College of Engineering

Department Of Mechanical Engineering

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Mech Newsletter

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Department of Mechanical Engineering is established in year 1999. Department offers Bachelor of Engineering degree with an intake of 120 students and Post Graduate degree in Design Engineering with an intake of 24 students, which has been affiliated to Savitribai Phule Pune University, Pune. We have well qualified and dedicated staff and is known for its high academic standard, well-maintained discipline and complete infrastructure facilities. The dedication and hard work of the staff members have given fruitful results with our students securing ranks at University examination consistently. Many MoUs are signed with various industries offering opportunity to the students to work on live industry projects. We have received grant from government of India, BCUD, SPPU, etc. for research work and various workshops. Our students are excellent at National level and State level project competition like Avishkar. There are 13 laboratories in the department. A separate CAD/CAM/CAE laboratory has been developed with various softwares such as CATIA, CREO, ANSYS, Pro-ENGINEER, AutoCAD, MATLAB etc. We also conduct various certificate courses

like Post Graduate Diploma in Computer Aided Product Design for the students as per the needs of the industry. The Department also has a well-established workshop for training in Smithy, Carpentry, Welding, Fitting and Machine tools. The department has a departmental association MESA and Students' chapter SAE which organizes National level competitions. The department organizes various Industrial visits, Seminars and Workshops for students. SAE –INDIA Collegiate club is also formulated under which students of all departments are enthusiastically taking part in making the SAE INDIA vehicle.

The purpose of this Newsletter is to inform the student-Staff fraternity of Nashik & society at large of the news, including relevant announcements & update that we believe are important to them. However, this newsletter is also a valuable tool for bolstering morale, promoting unity, team spirit, motivating & rewarding achievements of KBTCE, Nashik. This college News-Letter has started from January 2017 and to be published every semester.

Vision of the Institute

To be Internationally accredited, Multidisciplinary, and Multi-collaborative institute working on technology enabled platform fostering innovations and patents through state-of-art academic system designed by highly qualified faculty for the development of common masses at large

Mission of the Institute

To educate and train common masses through undergraduate, post graduate, research programs by inculcating the values for discipline, quality, transparency and foster career and professional development for employment thereby contributing to the development of society to the development of society.

Vision of the Department

To be the centre for excellence and centre of learning for innovation, incubation and research in the domain of product design, thermal engineering and manufacturing technology thereby path finder for professionalism, entrepreneurship and new knowledge contributing to the common masses.

Mission of the Department

To educate and train undergraduate and post graduate students in Mechanical Engineering by inculcating the values for discipline, quality and transparency and profession development in the job and self-employment emphasis industry based practices.

Program Educational Objectives

PEO1: To prepare technocrats that can satisfy the need of mechanical and allied industries

PEO2: To develop critical thinking, problem solving skills, research aptitude and career and professionalism among the students.

PEO3: To improve and expand technical and professional skills of students through effective teaching-learning and industry interaction.

Program Specific Outcomes

PSO1: Ability to design, analysis and problem solving skills using basic principle of mechanical engineering.

PSO2: Ability to impart technical and professional skills through industry institute interaction.

PSO3: Develop practical skills for the benefits of society

1. Training & Placement

Name of the Event

Placement of Students

Following Students of Mechanical Engineering Department Batch 2022 was selected in “Reliance Life Science” with an annual CTC of 3.4LPA.

1. Mr. Avinash Savale
2. Mr. Abhishek Thakare
3. Ms. Bhalekar Yash Kiran

Following students of Mechanical Engineering have been placed in “Property Piston Realty Pvt. Ltd” with an annual CTC of 8.4 LPA.

1. Mr. Patel Deep Milind
2. Mr. Shinde Nachiket Bhanudas
3. Mr. Malve Utkarsh Narendra
4. Mr. Tupe Aniket Balasaheb
5. Mr. Shinde Mayur Vasant
6. Mr. Chaudhari Uday Yuvraj
7. Mr. Baviskar Tejas Santosh
8. Mr. Kamble Sujata Prakash
9. Mr. Shewale Saurabh Sanjay
10. Mr. Khole Vishal Ramnath
11. Mr. Pradhan Shantanu Gaurang
12. Mr. Patil Ishan Milind

Following students of Mechanical Engineering have been placed in “Property Piston

Realty Pvt. Ltd” with an annual CTC of 8.16LPA.

1. Mr. Kothawade Gaurav Murlidhar
2. Mr. Pagare Alok Satish
3. Mr. Lahane Aniket Kailas
4. Mr. Sarkar Sarthak Anjan
5. Mr. Dugaje Rohit Ramesh
6. Mr. Bahiram Shubham Motilal
7. Mr. Wagh Lokesh Ravindra
8. Mr. Patil Deven Pravin
9. Mr. Bhandare Suraj Santosh
10. Mr. Shende Rajatkumar Shyam
11. Mr. Boraste Samarth Bhagwat
12. Mr. Khode Prathmesh Somnath
13. Mr. Panchariya Sanskar Pankaj
14. Mr. Kothawade Pushkar Rajendra
15. Mr. Patil Nakshatra Hemant
16. Mr. Chaudhari Bhushan Rajendra
17. Mr. Budhawant Vishal Ashok
18. Mr. Pawar Rushikesh Ram
19. Mr. Muthal Sahil Shashikant
20. Mr. Bodke Sushant Rajendra
21. Mr. Derle Ankush Santosh
22. Mr. Mandal Himanshu Shekhar Kesha
23. Mr. Khairnar Sushan Narendra
24. Mr. Nishad Vishal Dinesh
25. Mr. Shirsath Omkar Vishvanath
26. Mr. Modak Ajinkya Vilas
27. Mr. Lawand Aniket Subhash
28. Mr. Pimpure Nishant Vilas

29. Mr. Watpade Akshay Balkrishna

30. Mr. Khairnar Yashodeep Arun

Following students of Mechanical Engineering have been placed in “KSB Limited.” with CTC 3.0 LPA.

1. Mr. Sushant Rajendra Bodke
2. Mr. Komal Mahendra Ahirrao
3. Mr. Pranali Keshav Khaire
4. Mr. Vishal Budhawant
5. Mr. Yash Ashok KardileT

Following student of Mechanical Engineering have been placed in “Force Motors” with CTC 3.0 LPA.

1. Mr. Shilwan Rohit Kishor
2. Mr. Jadhav Mukta Mahendra
3. Mr. Sanap Gokul Sampat
4. Mr. Shirsath Sagar Jagannath
5. Mr. Sonawane Tejas Sunil
6. Mr. Daspute Amit Milind
7. Mr. Shelke Rushikesh Vitthal
8. Mr. Ahirrao Ganesh Umesh

Following student of Mechanical Engineering have been placed in “TOYO Engg.” with CTC 4.14 LPA.

1. Manav Kambale
2. Aniket Tupe
3. Dev Patil

2. Industrial Visit

Name of the Event

Industrial Visit of Ishrae chapter student members to ACREX 2023 Exhibition Mumbai.

Date.: - 15th March 2023

Time: - 11:00 am

Ishrae chapter student members of Mechanical Department visited to the ACREX 2023 exhibition, Goregaon, Mumbai. Ishrae student chapter coordinator Prof. S. J. Suryawanshi guided the students through the visit. During the visit, students visited different stalls of different industries. During the visit students come to know the industrial working process not only in the field of HVAC but also in the other industries.



Name of the Event

Industrial Visit to Seva Automotive,Ambad ,
Nashik

Date:- 4th & 13nd May 2023

Time:- 2:00 PM

Industrial visit was organized for third year students of mechanical engineering department at Seva Automotive,Ambad for practical exposure of subjects Fluid Power and Control Laboratory. Students have gone through different sections of hydraulic and pneumatic systems during visit. Seva Automotive,Ambad Mr. Y. B. Chaudhary, Mr. N. S. Gaikwad, Mr. N. V. Kadam guided students through visit.



Name of the Event

Industrial Visit to ST workshop, Nashik.

Date:- 24th May 2023

Time:- 10 AM

Industrial visit was organized for second year students of mechanical engineering department at ST workshop for practical exposure of subjects Applied Thermodynamics and Kinematic of Machinery. Students have gone through different maintenance aspects of IC engine along with auxiliary systems of IC engines. Students had also gone through construction and working of clutch, breaks, gearbox during visit. Dr. S. P. Mogal, Dr. A. A. Kapse, Mr. R. S. Thakare, Mr. A. N. Shinde guided students through visit.



3. Expert Talk/ Webinar

Name of the Event

Expert lecture on “Career Opportunities in Energy Audit Sector”

Date.: - 16th February 2023

Time.: - 11.00 A.M. – 12.00 P.M.

An expert lecture on “Career Opportunities in Energy Audit Sector” was organized by Department of Mechanical Engineering on 16th Feb. 2022 for final year students. In this session, Mr. Pramod Dashpute, Energy auditor, Encon Energy Management Services Pvt. Ltd. explained different Energy Saving Opportunities as well as Career Opportunities in Energy Audit Sector to final year students. He also answered to all the queries of the students. Head of department, Dr. V. C. Shewale felicitated Mr. Pramod Dashpute. Principal Dr. S.R. Devane and Vice-Principal

Prof. N.B.Desale sir motivated for conduction of expert talk. Prof. S. J. Suryawanshi coordinated the session.



Name of the Event

Seminar on “Preparation strategy for selection in CDS and SSB exams”

Speaker - Mr. Rishikesh Sawant (Lieutenant, Indian Army)

Date.: - 10th March 2023

Time.: - 01:00 PM

A seminar on “Preparation strategy for selection in CDS and SSB exams” was conducted in the Department of Mechanical

Engineering on 10th March 2023 in which our alumni Mr. Rushikesh Sawant of 2022 batch explained the various opportunities in defense sector. He has also given tips to the students to prepare for CDS and SSB examinations. He has explained the importance of such exams for the personality development. He also interacted with the students and answered to the queries of the students. Head of Department, Dr. V. C. Shewale felicitated Mr. Rushikesh. Students of alumni association, Mr. Gaurav Rayate, Mr. Jiten Shardul, Mr. Nachiket Deore and Ms. Yogita Junagare have coordinated the programme. Prof. S. J. Suryawanshi gave vote of thanks.



Name of the Event

Expert talk on 'Automation and Robotic Process Management'

Date – 11st March 2023

Time – 10:30 AM

Expert talk on 'Automation and Robotic Management' was conducted on 11th March, 2023 at Mechanical Engineering department. Mr. Milind Aher, Supply Chain Management Professional, and Mr. Sandeep Patil, Expert in Automation Process, addressed students during session. Students got exposure about different recent tools in the field of automation which can be useful to seek good career in same field.

Session was organized by Dr. A. B. Kakade. Dr. V. C. Shewale, Mr. M. S. Patil, Mr. P. S. Tile were present for the session.



4. Technical Activities

Name of the Event

Ishrae AQuest 2023 quiz competition round II

Date – 28th January 2023

Time – 02:00 PM

AQuest 2023 Quiz competition round II was arranged by Ishrae Nashik chapter in seminar hall of Mechanical Engineering department in which 6 number of teams (2 students in each team) from MVPS's college of architecture and 6 number of teams from MVPS's KBT College of Engineering were present in the competition. Mr. Suresh Didmishe, Mr. Madhusudan Gaidhani, Mr. Pravin Kamale from Ishrae Nashik Chapter were present for this competition. In this competition, students Mr. Vishal Aher, Mr.

Vaibhav Kushare, Mr. Ankit Sonawane, Mr. Utkarsh Malve, Mr. Rajatkumar Shende and Mr. Uday Chaudhary were present from Mechanical Engineering Dept._Mrs. Ketaki Patil, coordinator of Ishrae student chapter, MVPS's College of Architecture and Mr. Satish Suryawanshi, coordinator of Ishrae student chapter, MVPS's KBT College of Engineering coordinated the quiz competition.



Name of the Event

The project '**HHO Generator**' of KBTCOE was among the 24 finalists and won the '**Best Prototype**' award

Date.: – 18th – 19th March 2023

KPIT Technologies, a global partner to the automotive and mobility ecosystem for making software-defined vehicles a reality, hosted the finale of **KPIT Sparkle 2023**, an annual national design and development innovation contest for Engineering, Science,

and Design students, at their Pune campus on 19th March 2023.

KPIT Sparkle has been a powerful catalyst for driving mobility and sustainable energy innovation for the last decade. The platform brings together mentors and young professionals passionate about mobility and energy. It is building an ecosystem that encourages and inspires budding professionals to solve everyday problems with innovative, sustainable & indigenous solutions.

The ninth edition of KPIT Sparkle received more than 1000 ideas from over 12,000 students across 400 colleges in India.

The 24 shortlisted teams presented prototypes of their solutions to the jury and incubation partners at the grand finale.

The project '**HHO Generator**' of KBTCOE was among the 24 finalists and won the '**Best Prototype**' award. The team members were,

Yash Yeola, BE (E&TC)

Yash Sonawane, BE (Mech)

Suyash Sonawane, BE (Mech)

The students were mentored by Mr. Prasad V. Joshi and Dr. Swapnil P. Awate.

Dr. Anil Sahasrabudhe, Chairman of EC National Assessment and Accreditation

Council and Chairman of AICTE was the chief guest of the Grand Finale event.

Padma Vibhushan Dr. Raghunath Mashelkar was the guest of honor of the Grand Finale event.



5. Other Activities

Name of the Event

Mr. Abhishek Tadage (Alumni 2011 batch) and Mr. Gunjan Patel (Alumni 2013 batch) visited to Department of Mechanical Engineering.

Date – 1th January 2023.

Time – 1:00 PM

Our Alumni Mr. Abhishek Tadge (2011 batch) working as Software Developer (Business Process Consultant) in SAP America INC., USA and Mr. Gunjan Patel (2013 batch) working as Director, Elite Auto Services, Electric Two Wheeler visited our department today and discussed about the development of the department with all faculties. Best of luck to Abhishek and Gunjan for their bright future in their career. Head of department, Dr. V. C. Shewale felicitated Abhishek and Gunjan on behalf of Department of Mechanical Engineering alongwith Dean Alumni, Dr. A. B. Kakade, Dept. Alumni coordinator, Prof. S. J. Suryawanshi, Prof. Y. B. Chaudhary, Prof. R. B. Jagtap.



Name of the Event

Workshop on “Non-Conventional Energy Generation and Its Usage”

Date – 22th & 23th January 2023

Time – 10:00 AM

A two days workshop on “Non-conventional Energy Generation and its usage” was organized at Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering. The workshop was organized by Maharashtra Non-conventional Energy Producers’ association (MNEPA), Maratha Vidya Prasarak Samaj Sanstha, Maharashtra Energy Development Agency (MEDA) and Chhatrapati Shivaji Maharaj National Memorial Committee, New Delhi. Hon. Mr. Vijay Naval Patil, Ex-Union minister & Founder President, MNEPA, Hon. Adv. Shri. Nitinji Thakare, Sarchitnis of MVP Samaj, Hon. Shri. Dadaji Bhuse, Guardian Minister and Minister of Ports and Minerals,

Government of Maharashtra, Hon. Smt. Seematai Hire, MLA Nashik, Hon. Shri. Balasaheb Kshirsagar, Sabhapati of MVP Samaj, Hon. Shri. Dilip Dalvi, Chitnis of MVP Samaj were chief guest for this two days workshop. Dr. D. D. Lokhande, Education Officer MVP Samaj, Principal Dr. S. R. Devane, Vice-principal Prof. N. B. Desale, Registrar Smt. Shrushti Shinde, Head of Dept. Dr. V. C. Shewale were present for the workshop. Dr. Pankaj Shete introduced all the guests during the program. Convener of the workshop, Dr. A. B. Kakade expressed vote of thanks at the end of the workshop.



Name of the Event

Workshop on “CNC Programming”

Date – 19th April 2023

Time – 09:00 AM

Workshop on “**CNC Programming**” was organized by Department of Mechanical Engineering, KBT College of Engg. Nashik

on 19th April 2023. The objective of the workshop was to disseminate the knowledge in the field of CNC machine and its application among students. The Resource person Mr. Rajendra Shriram Birari, Director CNC Academy and Mr. Sandesh Raut, CNC Academy Nashik has guided the student about basics of CNC Programming and its application. Mr. C.V. Gayakhe, Director Pranav Enterprises Nashik has guided through practical session. For this workshop support was extended by Management, Principal, Vice Principal and HOD. All staff member of Mech. Engg. Dept. have also supported and made this event possible.





Name of the Event

Two Days Workshop on “Safety and Ethics”

Date: - 27th & 28th April 2023

Time: -10:30 AM to 03:00 PM

Department of Mechanical Engineering organized a two days workshop on “ Safety and Ethics ” for the students in SE and TE. The objective of workshop is to get participants familiar with the importance of Advanced fire and safety and work ethics during the student life as well as after the graduation life .The event spanned over two

days and three session details of which are as follows:

Session1:

Topics: Advanced Industrial Fire & Safety Management

Speaker: Mr. Gajendra R. Jagtap, Veteran, Indian Navy, Fire & Safety Trainer, Nashik.

Session 2

Topic: Self-reliance & Confidence building.

Speaker: Mr.Dattatry D. Aher , Ex.Principal, Government ITI.

Session 3

Topic: Work Ethics

Speaker: Mr. Aniruddha Telang, Freelance Training facilitator, Nashik.

Dr.V.C.Shewale and Prof. D.V.kushare Coordinate the workshop.

HOD Dr. A. B. Kakade Supported for conducting workshop. Principal Dr. S.R. Devane and Vice-Principal sir motivated for conduction of workshop.



Name of the Event

Parent meet held on 29/04/2023

Date: - 29rd March 2023

Time: - 10:30 AM

Department of Mechanical Engineering organized Parents-teachers meet on 29th April 2023. The purpose of the meeting was to have conversation with the parents on different points like activities conducted in the department during the semester, placement activities, examinations etc. The Meeting was conducted in seminar hall of Mechanical Engineering Department. The meet was attended by 45 parents of SE, TE and BE Mechanical class. For this meeting, Dr. S. R. Devane (Principal, MVPS'S KBTCOE Nashik), Dr. A. B. Kakade (HoD, Mech), Ms. S. J. Shinde (Registrar) and Mr. M. N. Adke (T & P Coordinator) all faculty

and parents of the student were present for the meet.

Prof. M. S. Patil welcomed all the parents and dignitaries for the meeting. Dr. A. B. Kakade briefed about the activities conducted by the department in the last and current semester. Dr. S. R. Devane welcomed the parents and shared the plans of the institute. Ms. S. J. Shinde cleared all the doubts of parents. Dr. A. B. Kakade and all faculty members cleared the doubts of the parents and students during question asked by the parents. Prof. M. S. Patil coordinated the activity and proposed the vote of thanks.





Name of the Event

Farewell ceremony of Final year Mechanical Engineering students Date: - 15th December 2022

Date: 19/05/2023

Time: 05:00 PM

Department of Mechanical engineering of MVPS's KBT College of Engineering has organized farewell ceremony for final year students on 19/05/2023. Head of Department, Dr. A. B. Kakade delivered welcome speech for the event. Principal Dr. S. R. Devane & Vice-Principal Dr. V.M. Birari guided final year students regarding their future career. Many students shared their experience of last four year.

Mr. N.S. Gaikwad

Newsletter Coordinator



Dr.A.B.Kakade

Head of Department