



Gear-Up!

NEWSLETTER



June | 2025

Volume 1 | Issue 2



Keystone School of Engineering

MECHANICAL ENGINEERING

DEPARTMENT

GEAR UP!





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FROM DIRECTOR DESK



It gives me immense pleasure to extend my warm greetings to all as we unveil the latest edition of our Departmental Newsletter. This publication is a reflection of the vibrant academic, co-curricular, and research activities within the department, and it stands as a testament to the dedication and excellence of our students, faculty, and staff.

To our students, I encourage you to continue striving for excellence and to actively contribute to make the department a center of innovation and learning. To our faculty and staff, thank you for your unwavering support in creating an environment that inspires growth and achievement.

Let this newsletter serve not just as a chronicle of past accomplishments, but also as a source of inspiration to propel us toward even greater heights. Together, let us continue our journey of excellence and make a meaningful impact on society.

Prof. Yashodhan Soman
Director, Keystone School of Engineering



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FROM PRINCIPAL DESK



Dear Students, Faculty, and Readers,

It gives me immense pleasure to present this edition of the departmental newsletter, a platform that reflects the achievements, innovations, and collaborative spirit of our vibrant community. The Mechanical Department has always been at the forefront of fostering academic excellence, technical innovation, and holistic development. This newsletter stands as a testament to the hard work, dedication, and creative efforts of our faculty and students. Let this newsletter inspire you to strive for greater heights, contribute meaningfully to society, and uphold the values of integrity and excellence.

I congratulate the editorial team for their commendable effort in compiling this publication and all contributors for sharing their inspiring stories and achievements. Together, let us continue to make Mechanical Department a hub of excellence and innovation.

Prof. Dr. Sandeep Kadam
Principal, Keystone School of Engineering



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FROM HOD DESK



Dear Students, Faculty, Alumni, and Well-Wishers,

It gives me immense pleasure to present to you the second edition of our departmental newsletter “GEAR UP”. This edition is not just a collection of updates, but a celebration of the energy, passion, and progress that define our Mechanical Engineering community.

As we step into another semester filled with opportunities, it is heartening to witness the dedication of our students, the relentless efforts of our faculty, and the constant support of our alumni. From academic achievements to research pursuits and industry interactions, every milestone reminds us that mechanical engineering continues to be a driving force in shaping the world of tomorrow.

I warmly invite you to dive into this edition, discover the stories within, and stay connected with the pulse of our department. Your continued engagement and contributions make this journey meaningful. Together, let us gear up for innovation, collaboration, and excellence in the days ahead.

Prof. Pankaj Karande
Head of Department, Mechanical



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From Chief Editor



It is with immense pride and great excitement that I present to you the 2nd Edition of the Mechanical Department Newsletter – “Gear Up!”. This platform is more than just a collection of updates; it is a celebration of the energy, innovation, and commitment that define our vibrant mechanical engineering community.

Mechanical engineering is rapidly transforming in today's world, propelled by advancements in sustainability, smart automation, robotics, and cutting-edge manufacturing practices. In this edition, you will discover inspiring glimpses of our industrial visits, student innovations, faculty endeavors, and collaborative initiatives that reflect our department's vision of blending academic learning with real-world application.

“Gear Up!” is your space – a stage to share ideas, showcase achievements, and ignite conversations that matter. We invite every reader to contribute actively, whether by highlighting a unique project, sharing valuable experiences, or proposing themes for future editions.

Let us continue to gear up together – driving innovation, fostering collaboration, and shaping a future where our department stands at the forefront of engineering excellence.

I hope this issue excites, informs, and inspires you, just as much as we enjoyed curating it for you.

Prof. Santosh Mane
Chief Editor

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INDUSTRIAL VISITS

Industrial Visits – Department of Mechanical Engineering

The Department of Mechanical Engineering organized **Industrial Visits** for students with the objective of bridging the gap between theoretical learning and practical exposure. These visits provided students with valuable insights into real-world engineering applications, industrial processes, and the latest technologies.

The following visits were conducted successfully:

1. Torque Car Clinic Center

Address: Near Handewadi Chawk, Hadapser, Pune – 411018.





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MECHANICAL ENGINEERING STUDENT ASSOCIATION (MESA)



Indian Army Day Celebration

Keystone School of Engineering proudly celebrated **Indian Army Day** on **15th January 2025** with great patriotism and respect for our armed forces. On this special occasion, we had the honor of welcoming **Brig. Muneshwar Prabha Yadav, VSM (Retd.)** as our esteemed guest.

The event highlighted the courage, discipline, and sacrifices of the Indian Army, inspiring students to imbibe values of dedication and service to the nation. Brig. Yadav's presence and words of wisdom added immense value to the celebration, leaving a lasting impression on our young minds.





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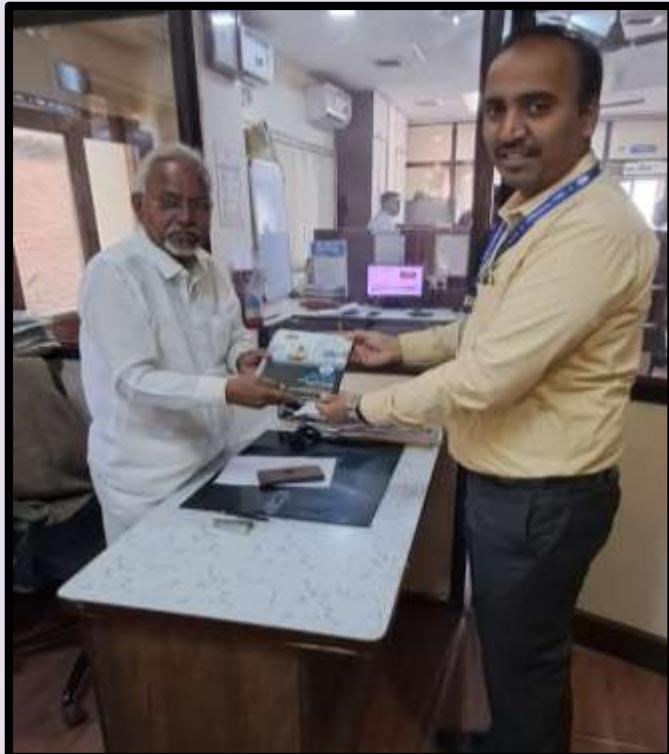


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T&P ACTIVITIES

Industry Connect – Steel Fab Engineering Pvt. Ltd. The Department of Mechanical Engineering is proud to share its strong association with Steel Fab Engineering Pvt. Ltd., founded by Mr. B. U. Hingane. Our students have not only gained valuable exposure through internships at the company but have also secured placements, marking a successful industry-academia collaboration.



Industry Opportunity – Forms and Surfaces India Pvt. Ltd.

On 15th November 2024, Forms and Surfaces India Pvt. Ltd., provided our Mechanical Engineering students with an excellent opportunity for internships.





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NSS & SPORTS ACTIVITIES

National Youth Day Celebration

The Department of Mechanical Engineering, **Keystone School of Engineering**, celebrated **National Youth Day** on 13th January 2025 to mark the birth anniversary of **Swami Vivekananda**.



Sports Events – KeyKarandak 2025



The month of **February 2025** witnessed the much-awaited **KeyKarandak Sports Events** at Keystone School of Engineering. Students from all departments showcased their sporting spirit and competitive energy across various games and events. The tournaments fostered teamwork, discipline, and healthy competition, making the event a grand success and a memorable highlight of the academic year.

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FACULTY ACHIEVEMENTS

Our faculties participated in various Faculty Development Programs(FDP, STTP, Workshops, Seminars) Research Publications , Patents , Journal Papers , Conferences Research Projects in academic Year 2024-25 Semester 1

Sr. No	Name of Faculty	Number of FDPS, STTP's, Workshops, Seminars attended
1.	Prof. Pankaj Karande	6
2.	Prof. Pradip Karale	3
3.	Prof. Dr. Kaveri Katake	9
4.	Prof. Snehal Darekar	4
5.	Prof. Santosh Mane	2





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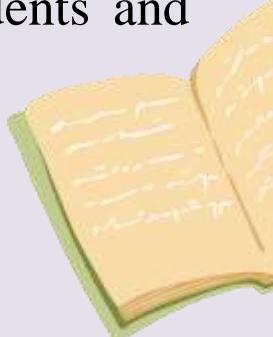
FACULTY ACHIEVEMENTS



We are proud to share that Prof. Kaveri A. Katake, Department of Mechanical Engineering, has brought laurels to Keystone School of Engineering with her remarkable achievements. Adding to this accomplishment, Prof. Katake successfully completed her Ph.D. on 27th February 2025, marking a significant milestone in her academic and research journey.



We are proud to share that Prof. Pankaj Karande, Head of Department, Mechanical Engineering, has commenced his Ph.D. research work in January 2025. His dedication towards advancing knowledge and research will serve as an inspiration for students and faculty alike.





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STUDENT ACHIEVEMENTS

 **Placement Achievement**
The Department of Mechanical Engineering proudly celebrates achieving **100% placement consistently for the past 4 years**. This milestone reflects the dedication of our students, the guidance of our faculty, and the strong industry partnerships that continue to drive career success.

Shalaka Foundation's
KEYSTONE SCHOOL OF ENGINEERING
TOPPERS BE MECHANICAL 2024/25

Hertiest Congratulations



BALKAWADE SIDDHESH
SGPA 9.22



SHAIKH ALTMASH
SGPA 8.97



GHATAGE SANJAY
SGPA 8.72

Placements : 100%



Highest package

RAHUL KUMBHARKAR

– 14 lacs

ACCURATE ENGINEERING