



Mechanical Department's

MECHAZINE

Lets dive into the treasure of art and academics!

2021-2022 SEM I

VISION OF DEPARTMENT

To be a Premier Department of Mechanical Engineering and research to serve the needs of the society and all the stakeholders.

MISSION OF DEPARTMENT

- To provide state of art facilities to impart quality education.
- To undertake various value added and add on courses to make students technically sound and thorough professionals.
- To collaborate with the industries and academia and strive to transform the research and innovative aptitude in the students and faculties.
- To inculcate high moral, ethical values and national pride in students and faculties.

Program Educational Objectives (PEOs) of Department:

- PEO-1: To develop the students sound in academic fundamentals to understand, analyze and solve problems related to Mechanical Engineering.
- PEO-2: TO meet the employer's requirements at large and prepare them towards quality higher education and entrepreneurship
- PEO-3: To build up student's ability to enhance their competence in research and innovation to design product and process
- PEO-4: To create awareness amid the students about professional ethics, managerial skills, social commitment and lifelong learning.

Program Specific Outcomes (PSOs) of Department:

- PSO-1: Develop the knowledge and skills relevant to the field of robotics and automation by undergoing hands-on training.
- PSO-2: Develop and implement new ideas on product design and development with the help of modern computer aided tools, while ensuring best manufacturing practices.

From HOD's Desk

The Mechanical Engineering Department at PCCOER has been established in the year 2014 and since then, has been progressing steadily towards excellence. The Department works on Outcome Based Philosophy (OBE), wherein the complete focus of the department is to have a complete and overall development of students by preparing them in such a way that he/she becomes conversant with acquiring fundamental and latest knowledge, advanced skills, hands on training and ICT techniques by using various teaching pedagogies for better placements, higher education, entrepreneurships. Students are well supported and motivated towards their participation in Co-Curricular and Extra – Curricular activities such as Various events (Technovate, Mechaholic, Experts talks etc.) organized by MESA at college and intercollegiate level. Department and college support SAE activities like BAJA, GO-CART, TIFAN and one of its kind activities SUPRA. Also some initiatives like rewarding the students for their achievements and contribution in departmental and college level magazines. The audits of all these initiatives are conducted on regular basis and its outcome is checked to insure that students are getting really benefitted through the process.



Dr. Ramesh Rathod

Magazine Co-ordinators:



**Co-ordinator
Mrs. Tejal
Patil**



**Editor
Ms. Anushka
Dusane**



**Editor
Ms. Aditi
Ingle**

Training & Placements:

Total 65 students were placed within 3 months.

Student Name	Company placed
Mridula Mohanraju	Wipro(3.5lpa)
Ashbin Biju	Cognizant(4lpa)
Purnima Bhukele	TCS-N(3.36)
Swapnil Borude	Capgemini, Cognizant(4lpa)
Pranali Chaudhari	Capgemini(4lpa)
Amey Gore	Cognizant(4lpa)
Neha Ingale	KPIT, Wipro(3.5lpa)
Arihant Jamage	Cognizant(4lpa)
Prashant Japkar	Wipro, Cognizant(4lpa)
Siddhi Vijay Karle	Wipro, Faurecia(4.5lpa)
Srinivas Khandare	Capgemini, Cognizant(4lpa)
Ameya Khanolkar	Cognizant, Capgemini(4lpa)
Aditya Kinhale	Wipro, Capgemini(4lpa)
Abhay Kothawade	Wipro(3.5lpa)
Adarsh Kulkarni	Cognizant(4lpa)

Training & Placements:

Student Name	Company placed
Chaitanya Kulkarni	Capgemini, TCS-N(4lpa)
Vivek Vijay Ladda	Capgemini(4lpa)
Siddharaj Nate	Capgemini, Cognizant(4lp
Aditya Nikam	Capgemini, Dassault(7.5lp
Uddeshya Raj	Quantiphi(8.5lpa)
Piyush Vitthaldas	Capgemini, TCS-N(4lpa)
Arpan Pakhare	Wipro(3.5lpa)
Karan Gaikwad	Capgemini(4lpa)
Ayush Chordiya	Cognizant(4lpa)
Abhishek Patil.	Accenture, Uno Minda(4.5
Kirti Patil	Cognizant(4lpa)
Gaurav Patil	TCS-N, Cognizant(4lpa)
Saurabh Sahare	Cognizant(4lpa)
Prathamesh Shingan	Wipro, Cognizant(4lpa)
Vishakha Solankure	Cognizant(4lpa)
Vedant Waladkar	KPIT(3.5lpa)

Industrial Visits:

1) Geometrix
Automation &
Robotics, Talawade
Date: 14/1/22



2) SP Engineers
Talawade
Date: 2/12/21



3) Shrinivas Industry
Tathawade
Date: 14/11/21



Guest Lectures:

On 27th Nov, guest lecture was organised on
Ventilation and Infiltration for BE students
Speaker: Amol Gawali, HVAC engineer
Sterlite Technology

Indoor Air Quality (IAQ)

What is IAQ ??

Indoor air quality (IAQ) is a term which refers to the air quality within and around buildings and structures, especially as it relates to the health and comfort of building occupants.

The quality of air inside the building including gaseous composition, humidity, temperature and air contaminants.



Activate Windows
Go to Settings to activate Windows.

MESA Activities:

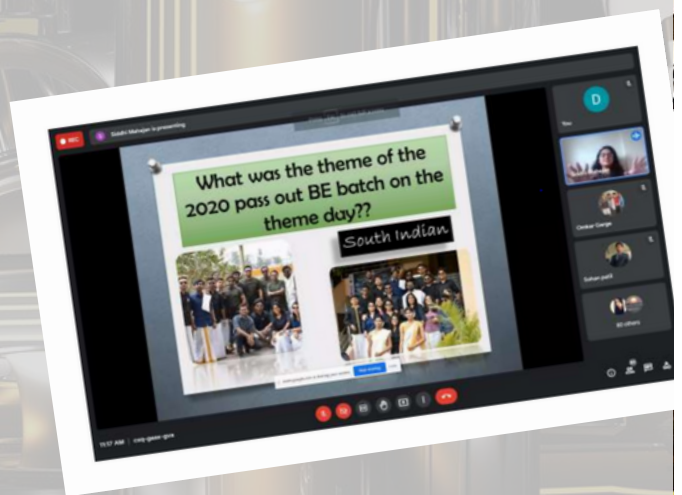
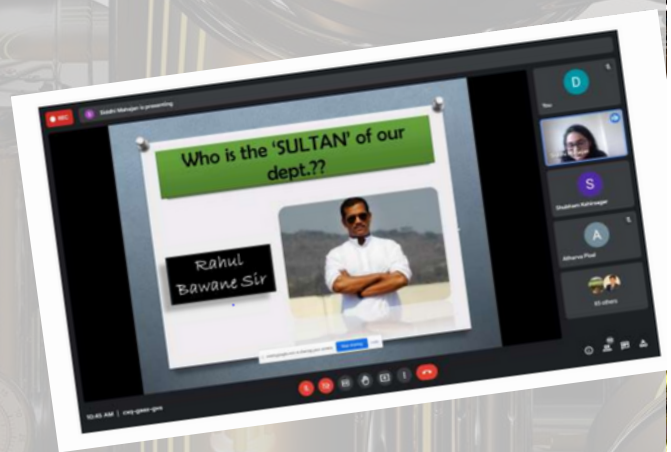
1) Talk with Alumni

On 17th July 2021, an interactive session with alumni was organized to share their academic experiences and to guide the students.




2) Virtual Reunion:

On 31st July 2021, mechanical alumni were invited to revive their college memories and some fun games were also taken.

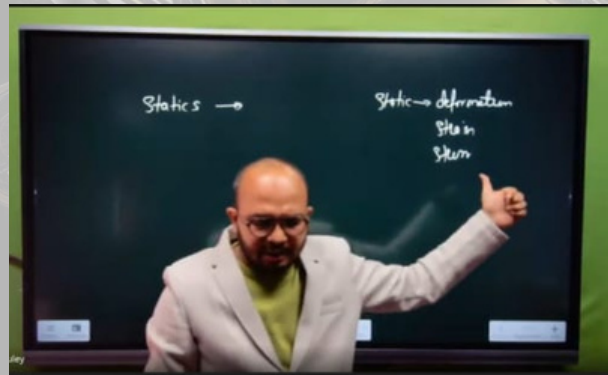


GATE Club Activity:

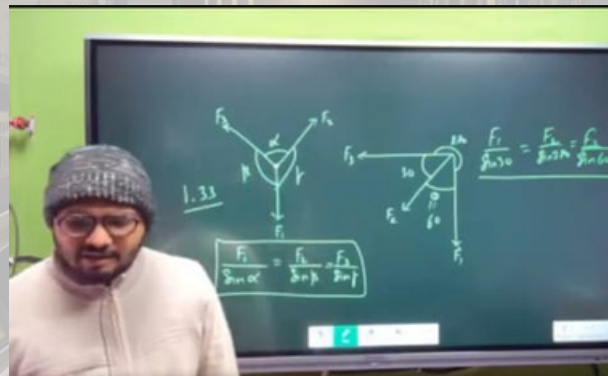
Lectures and Test series were organized in the month of December for the GATE aspirants. Mr. Rahul Muley from The Gate Academy had taken the lectures.

 GATE-2022 Online Test Series	
Mechanical Engineering - Schedule	
Type of test	GATE-2022 Test Series
Grand Tests (Multi-Subject Wise Tests)	08
Full Length Mock Tests	04

All tests will be Active upto GATE-2022 Examination.



Subject wise Syllabus	
Sr. No	Name of the Topic
01	Engineering Mathematics-1: Linear Algebra: Matrix algebra, systems of linear equations, eigen values and eigen vectors. Calculus: Functions of single variable, limit, continuity and differentiability, mean value theorems, indeterminate forms; evaluation of definite and improper integrals; double and triple integrals; partial derivatives, total derivative, Taylor series (in one and two variables), maxima and minima, Fourier series; gradient, divergence and curl, vector identities, directional derivatives, line, surface and volume integrals, applications of Gauss, Stokes and Green's theorems. Differential equations: First order equations (linear and nonlinear); higher order linear differential equations with constant coefficients; Euler-Cauchy equation; initial and boundary value problems; Laplace transforms; solutions of heat, wave and Laplace's equations.
02	Engineering Mathematics-2: Complex variables: Analytic functions; Cauchy-Riemann equations; Cauchy's integral theorem and integral formula; Taylor and Laurent series. Probability and Statistics: Definitions of probability, sampling theorems, conditional probability; mean, median, mode and standard deviation; random variables, binomial, Poisson and normal distributions. Numerical Methods: Numerical solutions of linear and non-linear algebraic equations; integration by trapezoidal and Simpson's rules; single and multi-step methods for differential equations.
03	Engineering Mechanics: Free-body diagrams and equilibrium; friction and its application including rolling friction, belt-pulley, brakes, clutches, screwjack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations, Lagrange's equation.
04	Heat Transfer-1: Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence.
05	Heat Transfer-2: Unsteady heat conduction, lumped parameter system, Heisler's charts; heat exchanger performance, LMTD and NTU methods; radiative heat transfer, Stefan Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis.
06	Theory of Machines and Vibrations-1: Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; flywheels; Cams; gears and gear trains.
07	Theory of Machines and Vibrations-2: Governors; balancing of reciprocating and rotating masses; gyroscopes. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.
08	Thermodynamics-1: Thermodynamic systems and processes; behavior of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics;
09	Thermodynamics-2: Properties of pure substances, Thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations. vapour and gas power cycles, concepts of regeneration and reheat.
10	Thermodynamics-3: Air and gas compressors; I. C. Engines: Air-standard Otto, Diesel and dual cycles. Refrigeration and air-conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric chart, basic psychrometric processes.



Innovation Centre lab:

In June 2021, Innovation centre was established with the aim of providing research facilities to the students. We have TIG welding setup, grinding & drilling machines etc. Also separate space has been given to SAE BAJA, SUPRA and Gokart teams.



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Patents:

Total 50 patents were filed on a single day by students and faculties.

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205	Mech	Staff + Students	Prof. Rhaul K. Bawane Sakshi Arali Anushka Dousae	Taper Surface Drilling Fixture	202121036998	16-08-2021	Filed
206	Mech	Staff + Students	Prof. Rhaul K. Bawane Ransak M. Sarmane Shirinwa C. Tongpe	Adjustable Parallel Line Drawing Instrument	202121036997	16-08-2021	Filed
207	Mech	Staff + Students	Prof. Rhaul K. Bawane Sharad Umate Ashish Pawar	Foot Pedals Force Conversion To Electrical Energy	202121036996	16-08-2021	Filed
208	Mech	Staff + Students	Prof. Rhaul K. Bawane Madhusi Dharmane Vivek Gurav	Paper Pinning Cum Punching Machine	202121036995	16-08-2021	Filed
209	Mech	Staff + Students	Prof. Rhaul K. Bawane Akanksha Bagad Chintmaya Dhaake	Pivoting Latch Pinning Stapler	202121036994	16-08-2021	Filed
210	Mech	Staff + Students	Prof. Rhaul K. Bawane Madan Tamboli Mayuri Shenbade	Color Coding For Tire Wear Rate	202121036992	16-08-2021	Filed
211	Mech	Staff + Students	Prof. Rhaul K. Bawane Shivam P. Vishwakarma Suraj S. Vishwakarma	Adjustable Hinged Lever Compass Drawing Instrument	202121036990	16-08-2021	Filed
212	Mech	Staff + Students	Prof. Rhaul K. Bawane Shreyansh S. Jagtap Shirin Mehboob Patel	Mechanical Linkages Automatic Cleaning Of Ceiling Fan	202121037002	16-08-2021	Filed
213	Mech	Staff + Students	Prof. Rhaul K. Bawane Aditya Madhuswar Jeehan Manoj	Headlight Upper-Dipper Automatic Shifter	202121036988	16-08-2021	Filed
214	Mech	Staff + Students	Prof. Rhaul K. Bawane Aniket More Vignesh Pawar	Fluid Cushioning Sport Shoe	202121036993	16-08-2021	Filed

215	Mech	Staff + Students	Prof. Rhaul K. Bawane Akanksha Y. Shete Shinde M. Dhadbrah	Fluid Pressure Operated Clutch Pen	202121036989	16-08-2021	Filed
216	Mech	Staff + Students	Prof. Rhaul K. Bawane Abhishek D. Kulkarni Aditya G. Telbhar	Automatic Extraction Guard For Bike Front Wheel To Arrest Mud/Water Spillage	202121036973	16-08-2021	Filed
217	Mech	Staff + Students	Prof. Rhaul K. Bawane Ganraj Bharat Patil Ashwina K. Givande	Waste Heat Recovery Of Vehicle Exhaust To Generate Plastic Fuel	202121036972	16-08-2021	Filed
218	Mech	Staff + Students	Prof. Rhaul K. Bawane Yashraj K. Kamble Sanket C. Lokhande	Pollution Under Control (PUC) Alert	202121036971	16-08-2021	Filed
219	Mech	Staff + Students	Prof. Rhaul K. Bawane Mayur B. Kachare Yuvraj Mallesh Lonate	Automatic Adjustment Of Rear-View Mirrors	202121036970	16-08-2021	Filed
220	Mech	Staff + Students	Prof. Rhaul K. Bawane Nakul Shyam Raut Pransy Dnyandoo Ingole	Magnetic Force Anti-Gravity Ball Pen Refill	202121036969	16-08-2021	Filed
221	Mech	Staff + Students	Prof. Rhaul K. Bawane Sarthak S. Velankar Samir Sharad Kadam	Geotacticals Control Drone	202121036968	16-08-2021	Filed
222	Mech	Staff + Students	Prof. Rhaul K. Bawane Shreyansha D. Bamode Prachi P. Pitambar	Offset Drilling Fixture For Cylindrical Object	202121036967	16-08-2021	Filed
223	Mech	Staff + Students	Prof. Rhaul K. Bawane Vishvesh Harugude Abhishek. Ambarkar	Spherical Ball Mandible Coupling	202121036966	16-08-2021	Filed
224	Mech	Staff + Students	Prof. Rhaul K. Bawane Nilesh Krishan Bate Pradant Rohan Jagtap	Priority Controlled Elevator Operation	202121036965	16-08-2021	Filed

225	Mech	Staff + Students	Prof. Rhaul K. Bawane Chaitanya S. Andure Prantali B. Chaudhari	Automatic Shutdown System For Ignition System On Accident	202121036964	16-08-2021	Filed
226	Mech	Staff + Students	Prof. Rhaul K. Bawane Animesh Sarangi Anmol Awale	Ignition Switch Operated Foot Rest For Bike	202121036986	16-08-2021	Filed
227	Mech	Staff + Students	Prof. Rhaul K. Bawane Pranita Santosh Dair Prachi Borase	Mechanical Linkage Power Generating Shoes	202121036985	16-08-2021	Filed
228	Mech	Staff + Students	Prof. Rhaul K. Bawane Rajat M. Jankhadi Atharv Chavan	Conveyor Belt Driven Seedling Sowing Machine	202121036977	16-08-2021	Filed
229	Mech	Staff + Students	Prof. Rhaul K. Bawane Swapnil R. Borade Arhant Santosh Jamage	Caterpillar Tracks Drive For Off-Road Vehicles	202121036963	16-08-2021	Filed
230	Mech	Staff + Students	Prof. Rhaul K. Bawane Shaunak Sachin More Vinayak Sosrawane	Bike Helmet Audibility Enhancement Air Breath Sliding Windows	202121036978	16-08-2021	Filed
231	Mech	Staff + Students	Prof. Rhaul K. Bawane Hernant Vivek Samrahe Nachiket Dixit	Automatic Synchronized Road Traffic Signals	202121036980	16-08-2021	Filed
232	Mech	Staff + Students	Prof. Rhaul K. Bawane Shubhakar Vasant Hire Aaron C. Kandlathi	Sensitive Zone Automatic Flight Mode Shifter For Cell Phone	202121036959	16-08-2021	Filed
233	Mech	Staff + Students	Prof. Rhaul K. Bawane Chaitanya Kamble Ameya Lokhare	Hot Air Assisted Energy Recovery Heating System	202121036958	16-08-2021	Filed
234	Mech	Staff + Students	Prof. Rhaul K. Bawane Prathamesh S. Saraf Sagar Eknath Mali	Exhaust Gas Fuel Injection	202121036956	16-08-2021	Filed

235	Mech	Staff + Students	Prof. Rhaul K. Bawane Bilis Tuscano Arvin James	Exhaust Gas Assisted An Anti-Water Tire Splashes	202121036979	16-08-2021	Filed
236	Mech	Staff + Students	Prof. Rhaul K. Bawane Kishori Simil Pawar Hantak Vijay Rajput	Fuel Dispense Quantity Indicator On Vehicle	202121036961	15-08-2021	Filed
237	Mech	Staff + Students	Prof. Rhaul K. Bawane Anway Rajendra Walke Dnyandoo Yogesh Patil	Flexible Squeezer Toothpaste Dispenser	202121036953	15-08-2021	Filed
238	Mech	Staff + Students	Prof. Rhaul K. Bawane Deepak Govind Patil Roshikesh Gujaram Pote	Temperature Reducing Curtains	202121036951	15-08-2021	Filed
239	Mech	Staff + Students	Prof. Rhaul K. Bawane Mayur Rajendra Sawant Siddhesh Avinash Patil	Sliding Chin Guard Bike Helmet	202121036950	15-08-2021	Filed
240	Mech	Staff + Students	Prof. Rhaul K. Bawane Sakshi V. Hawalkar Shaubhavi Satish Ingole	Bike Rider Weight Actuating Starting System	202121036955	16-08-2021	Filed
241	Mech	Staff + Students	Prof. Rhaul K. Bawane Pavan Navnath Jadhav Shridhar R. Mane	PUC Dashboard Indicator	202121036987	16-08-2021	Filed
242	Mech	Staff + Students	Prof. Rhaul K. Bawane Siddhi C. Mahajan Ameya P. Mahamuni	Autonomous Sanitizer Mobil	202121036948	15-08-2021	Filed
243	Mech	Staff + Students	Prof. Rhaul K. Bawane Pranav Dipak Mali Tuskar Sainath Mane	Mechanical Linkage Seedling Sowing Mechanism	202121036947	15-08-2021	Filed
244	Mech	Staff + Students	Prof. Rhaul K. Bawane Dinesh Dewankar Avishkar V. Humane	Reserved Engine For Vehicle	202121036945	15-08-2021	Filed

245	Mech	Staff + Students	Prof. Rhaul K. Bawane Atharva K. Dabhade Rutvik R. Deshpande	Voice Command Gear Change Mechanism	202121036960	15-08-2021	Filed
246	Mech	Staff + Students	Prof. Rhaul K. Bawane Vaibhav Popat Bhogade	Automatic Brake Speed Governor	202121036952	15-08-2021	Filed
247	Mech	Staff + Students	Prof. Rhaul K. Bawane Nachiket D. Dixit Pratik Chandeo More	Pathology Analysis Urinal System	202121036944	15-08-2021	Filed
248	Mech	Staff + Students	Prof. Rhaul K. Bawane Amey V. Kulkarni Ashish Ashok Patil	Suction Cap Anti-Skid Footwear	202121036943	15-08-2021	Filed
249	Mech	Staff + Students	Prof. Rhaul K. Bawane Toshali M. Somkuwar Prathamesh S. Zodage	Evaporation Cooling System For Car	202121036941	15-08-2021	Filed
250	Mech	Staff + Students	Prof. Rhaul K. Bawane Vaibhav G. Chandankar	Pre-Heating Fuel Injection Using Exhaust Gas	202121036975	16-08-2021	Filed
251	Mech	Staff + Students	Prof. Rhaul K. Bawane Mrunal M. Khare Roshan F. Waghchaure	Broom Casing With Extensible Handle	202121036962	16-08-2021	Filed

SUPRA:

Team Eminent Racing has been established in June 2021 with the aim of designing a Formula Student car. The team have registered for SAE SUPRA 2022.

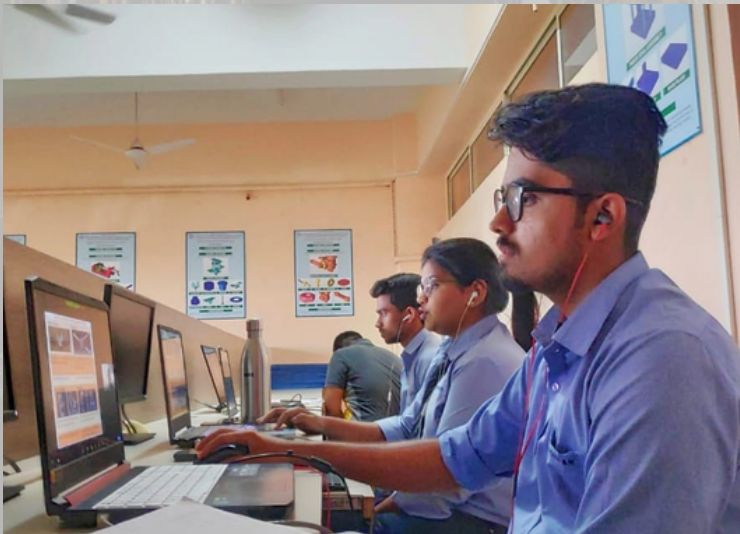


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BAJA:

Team Nashorns, an official team of SAE BAJA has qualified their virtual round of SAE BAJA 2022 which was held from 8-12th Dec 2021.



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TIFAN:

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Team SonicDiggers, official team of SAE TIFAN having 21 team members who design, manufacture and test Self propelled Onion harvester has successfully passed for virtual round of SAE TIFAN 2022 which was held on 30 th October 2021.



Interview of Respected person:

On 7th Jan 2022,
**Amrut Pande and
Rutvik Deshpande**
from SE interacted
with **Padma Shri
holder Shri Girish
Prabhune.**

Sir is a social activist
and has completed
40 years in this
field. Sir believes in
practical learning and
has been running
school for Pradhi
Samaj with Gurukul
ideals, to make them
educated and also be
financially
independent. Sir also
has provided shelter
to hundreds of
homeless people.



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Book Reviews:

Title: The Midnight Library

Author: Matt Haig

Genre: Fiction

Matt Haig's novel *The Midnight Library* weights upon the infinite possibilities of life. The story revolves around a young woman named Nora Seed, who lives a monotonous life, but feels unwanted and unaccomplished. One night, her despair reaches a peak and she commits suicide. But just when we realise the story has ended, another begins; Nora gets a chance to experience various tracks her life could've unfolded, had she made slightly different choices. She finds herself between life and death, in a place called the Midnight Library. The library is filled with books which consists of endless parallel lives she might've lived; she is given the opportunity to undo her regrets by demonstrating these lives, starting precisely where her alternate self would've been on the night she ended her life. In the Midnight Library, Nora lives hundreds of lives and becomes hundreds of different versions of herself, some she'd never even imagined. However, she is encountered with a tough choice. She must determine what she is willing to sacrifice in order to live permanently in one of those 'ideal' lives, where they seem perfect for a time but, as she realizes, there are certainly fresh sets of challenges awaiting. Nora's self-exploration is captivating as she attempts to distinguish what is indeed important in life.

This novel by Matt Haig is well-written and thought-provoking. Nora's emotions are acutely portrayed, and I was captivated by the depth of his storytelling. Though the concept is simple, it dragged me in as a reader and voyaged to so many different emotional experiences that follow in life. I spent much of *The Midnight Library* reflecting on my own life decisions, as well as considering the future and its infinite possibilities; a sign of a talented author. I appreciate that the author also mentioned how these life transformations are scientifically possible with the help of quantum physics and parallel universe concept. Overall, I enjoyed *The Midnight Library* to a great extent. The character development, backgrounds, and plots are engaging, while also putting light on important topics such as mental health.

I would recommend *The Midnight Library* to teens as well as adults. It's a worthwhile read that will get you thinking on how to unlock your hidden potential.



Title: Harry Potter and The Sorcerer's Stone

Author: J. K. Rowling

Genre: Fantasy Fiction

Sorcerer is a wizard; one who is believed to have magical powers.

An orphaned child, Harry Potter, lived with his uncle and aunt in Privet Drive. His life was miserable until his 11th birthday, when he received a letter from Hogwarts. There, he befriended Hagrid, Ron and Hermione. I like that the author introduced her later in the book, not overloading with a ton of new characters. They all were fortunately placed in the same house; Gryffindor. Just a co-incidence or destiny? Who knew, what marvellous adventures were awaiting them. With a great deal of struggle and friendship, he fought with He-Who-Must-Not-Be-Named; Voldemort and emerged victorious.

My favourite character is Neville Longbottom. He belonged to a Wizarding family, struggled in classes and even was bullied. But he did not give up, he fought not only his enemies but also his fears, and did what was indeed needed. As Dumbledore said, "It takes a great deal of bravery to stand up to our enemies, but just as much to stand up to our friends."

The book teaches plenty of things; if one gives a thought. Like Snape, everyone thought he was against Harry and the man behind all the bizarre events; but in the end, the truth disclosed, he was only trying to support Harry. We sometimes judge people without understanding the background story. But the truth prevails, sooner or later.

It also teaches us that everything happens for a reason, and all dots eventually connect. And that life is indeed meant for good friends and great adventures.

Mrudula Dhamane
TE A

Book Reviews:

THE MONK WHO SOLD HIS FERRARI by ROBIN SHARMA

Do you want to follow your life mission, but you have NO IDEA where to start? If yes then 'The Monk Who Sold His Ferrari' is the book for you.

Robin Sharma shows a path of enlightenment through 7 timeless virtues & symbols. The story tells you how to master your mind, follow your purpose, practice Kaizen, live with discipline, respect your time, selflessly serve others, and embrace the present.

'The purpose of life is a life of purpose'

The whole book revolves around a conversation between two friends/colleagues. Both lawyers, with a very busy and stressful life. One of them "Julian Mantle", has it all with money and fame. But hits the peak point of his life with health and stress levels. He breaks a pause, travels to Himalayas in-order to find peace, meets up with great sages and returns a new man to tell the story. Julian explains to his friend on how to turn around their lives onto a positive pathway. He teaches, explain and shares his experiences.

This is a well put story sketch. The book gives you a feeling you are in the same room as the friends, listening to their conversation and soaking in the information. The vivid language instantly transported me into the world, but the story has a single POV, it is slow paced, and a few times it makes me bored. The characters are a little dull.

If you really want to be inspired, I personally recommend this book. Little lessons fuel your inner and outer growth.

RATING- ★ ★ ★ ★ (4 stars) I WOULD PULL AN ALL-NIGHTER

This book was a really enjoyable read. I really liked it.



Akash Jain
TE A

पुस्तकाचे नाव :- पानिपत

लेखक :- विश्वास पाटील

पानिपतचं युद्ध ही महाराष्ट्राच्या काळजात गेली अडीचशे वर्षे रुतणारी ऐतिहासिक घटना. आणि या घटनेवरची 'पानिपत' ही विश्वास पाटील यांची गेली अडीचशे महिने लाखो वाचकांच्या हृदयांत घर केलीली ऐतिहासिक कादंबरी.

मुंबई आकाशवाणीने केलेल्या सर्वेक्षणानुसार, मराठीतील गेल्या ५० वर्षातील सर्वोत्कृष्ट १० पुस्तकांमध्ये समावेश. ३५ हून अधिक पुरस्कार! ३० वी. सचित्र आवृत्ती. कोल्हापूर येथील प्रसिद्ध चित्रकार संजय शेलार यांनी काढलेली २५ प्रसंगचित्रे व व्यक्तिचित्रांचा समावेश.

जिथे मराठ्यांची एक संपूर्ण पिढीच्या पिढीच कापली गेली, अशी महाभयंकर व लक्षवेधी झुंज मानली जाते पानिपत. इतिहासाच्या पांनाना गवसणी घालणे म्हणजे अतिशय अवघड काम. पण विश्वास पाटीलानी अतिशय सुरेखरित्या त्याची मांडणी केली आहे... इतिहासाचे अनेक बारकावे त्यांनी अगदी बिनचूक टिपले आहेत व तसेच विविध टंग असलेल्या त्यातील सर्वच व्यक्तिरेखा त्यांनी सहज उलगडून लिहल्या आहेत. त्यांच्या लेखणीतून पानिपत पाहताना कोरव पांडव संगर तांडव, खरच कसे झाले असेल याचा अनुभव नक्कीच तुम्हाला आल्या शिवाय राहणार नाही.

घटनेची फोड करून सांगताना त्यांनी आधीच्या कालखंडाबद्दल अगदी सुरेख ओळख करून दिली आहे, त्यामुळेच युद्धातील सगळ्या गोष्टी वाचल्यानंतर कुठेही अज्ञात असल्याचा भास होत नाही. तसेच या विक्राळ, विध्वंसक घटनेनंतर मराठी इतिहासावर त्याचे उमटलेले पडसाद त्यांनी सुरेख टिपलेले आहेत. नानासाहेब पेशवे गादीवर असताना झालेला गृहकलह पश्चात सदाशिवराव भाऊ आणि राघोबादादा यांच्यातील नाजूक संबंध. राजकीय, सामाजिक आणि पारिवारिक समस्यांनी ग्रासलेली पेशवाई आणि त्यातच अफगाण चा एक मथूर लढवय्या (अहमद शाह अब्दाली) दिल्ली काबीज करण्यास निघतो. मराठी सेनेने अटकेपार फडकवलेल्या भगव्याला ग्रहण लागण्याची चिन्ह पाहता, मराठी सेनेने दिलेला लढा हा नक्कीच भव्य दिव्य आहे असेच म्हणावे लागेल.

Nitesh Birajdar

TE A



Paintings & Sketches:



Sanket Lokhande



Apurva Wathe



Pranjana Bhalerao



Apurva Wathe

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Paintings & Sketches:

S T U D E N T ' S S E C T I O N



Anushka Dusane



Aditi Ingle



Aditi Ingle



Aditi Ingle

Photo Gallery:

S T U D E N T ' S S E C T I O N



Aniket More



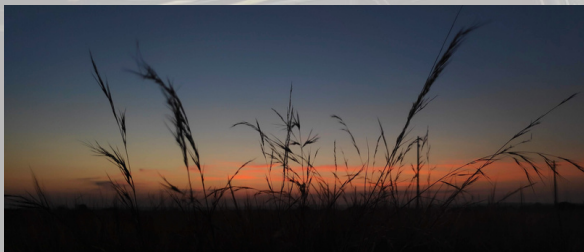
Dhiraj Nagawade



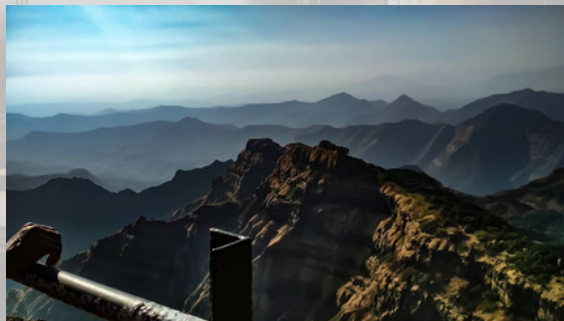
Rohan Bhalerao



Yuvraj Lomate



Aditya Kinhale



Aniket More

Poems:

कसं सांगू

कसं सांगू कोण आहेस तू!..
कसं सांगू?..

कसं सांगू माझ्या साठी कोण आहेस तू...

उजळत्या सूर्याची पहिली कोवळी किरण आहेस तू,
फुलनाऱ्या मोगऱ्याचा मनमोहक सुगंध आहेस तू,
कसं सांगू माझ्या साठी कोण आहेस तू,

माझ्या हृदयाचं गीत आहेस तू,
माझ्या जीवनाचं संगीत आहेस तू,
जिंदगी तू, ताजगी आहेस तू,
लख्ख प्रकाश तू, स्वप्न आहेस तू,
प्रत्येक क्षणाचा आनंद तू, प्रेम आहेस तू,
मनमीत तू, आपुलकी आहेस तू,
डोळ्यांमध्ये तू, आठवणी आहेस तू,
श्रवसामध्ये तू, सादगी आहेस तू,
झोपेमध्ये तू, विचारांत आहेस तू,
माझ्यासाठी हसू आहेस तू,
माझ्यासाठी रडू आहेस तू,
माझ्यासाठी माझी दुनिया आहेस तू,
तर कधी या दुनियेतली सुंदरता आहेस तू,
डोळे बंद करून चालू तो सहारा आहेस तू,
विचार करू तर तो विचार आहेस तू,
काही मिळवण्याची जिद्द आहेस तू,
मिळाल्यावर येणारं गोड हसू आहेस तू,
मी काही करून दाखवण्याची आशा आहेस तू,
माझ्या अंधारात जळणाऱ्या दिव्याची ज्योत आहेस तू,
कधी माझ्या साठी अबोल अंतर आहेस तू,
कधी सावली सारखी माझ्या जवळ आहेस तू,
कधी वाट चुकलेल्या माझ्या मनाचा चकवा आहेस तू,
कधी जीवन जगण्याचा श्वास आहेस तू,
रोज गुणगुणतो ते शब्द आहेस तू,
माझ्या या शब्दांचं कारण आहेस तू,
हार माझी तू, माझीच जित आहेस तू,
कधी न मिळणाऱ्या प्रेमाचं उदाहरण आहेस तू,
कसं सांगू कोण आहेस तू...

कसं सांगू माझ्यासाठी कोण आहेस तू,

तुला पाहिलं की का उगाच काहीतरी आपलसं वाटतं ,
तुझा विचार करता करता मनला ही तुझ्या दिशेने धावावसं वाटतं.

आता लाखोंच्या गर्दीत सुद्धा एकटं पडल्यासारखं वाटतं,
तु तुझ्या बरोबरच्या एकांतात तुझीच लाखो रूपे बघितल्यासारखं वाटतं

आता तुझं वर्णन करायला शब्द सुद्धा अपुरे पडतात,
तुझ्या कवितेत यायला शब्दचं शब्दांशी भांडू लागतात .

तू समोर असलीस की काळ थिजून जातो ,
वेळ वेडी होते आणि क्षणं गोरून जातो .

तू समोर असलीस की प्रेमाचे ढग दाटतात,
ऋतू कोणताही असो मनाला चिंब करतात.

तू समोर असलीस की जग जिवंत असतं,
तू समोर नसलीस की जगं माझ्याजवळ नसतं.

आता तुझं असण हेच माझं असणं आहे
आणि तू नसलीस तर हे जगणच व्यर्थ आहे.

Amrut Pande

Siddhant Chavan



*Thanks
for
Reading!!*