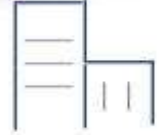




# SPANDAN

## 2023-24

New Satara Samuh Mumbai's  
**New Satara College of Engineering & Management  
(Polytechnic) Kort - Pandharpur**



### VISION

To become a leading institute for imparting technical education in rural areas for fulfilling needs of industry and society.

### MISSION

- To enhance technical knowledge of students by practical based education.
- To strive for good academic results and placement of diploma graduates.
- To facilitate infrastructure for development of professional skills of students.

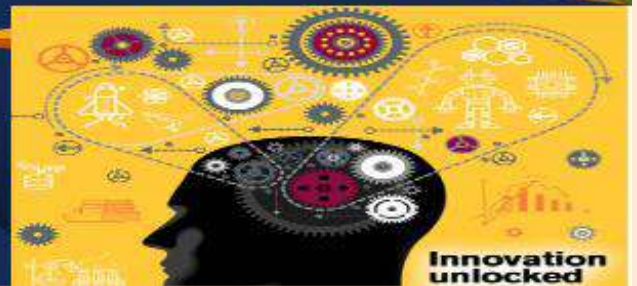


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Innovation unlocked

New Satara Samuh Mumbai's  
**New Satara College of Engineering & Management  
(Polytechnic) Kort - Pandharpur**

Approved by AICTE & Affiliated to MSBTE

MSBTE Institute code: 1523/DTE code: D-6725. Gat No. 429/1/B/1, A/p- Kort, Tal- Pandharpur, Dist. - Solapur  
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# SPANDAN

## Our Inspiration



Founder President  
Hon. Rajaram (Nana) Mahadev Nikam

Honorable Parents Brothers and Sisters  
Greetings with love  
New Satara Group was established in the year 2000 to do social and community oriented work. In this, all the trustees came together to establish the New Satara Group for the noble purpose of doing many social oriented works. Through New Satara group celebrate AkhandHarinam week from Baba MaharajSatarkar'sAmritVani, New Satara Welfare Center Ambulance from Mumbai to PandharpurAshadhiKartikiWari to maintain the balance of nature Tree plantation, Blood donation camp to preserve cultural heritage, Cooperation DahiHandiHaldilunku ceremony for women

Folk art festival, Vidyamandir school for tribal children at Kalyan, PadamshreeShahir Sable Foundation Management and GopalanEksar for the management of Bhakad Cows, Bhajan Competition for giving scope to the talents of youth, Shahir Sable Book Collection for students, Free health checkup camp and distribution of glasses at low cost etc. Many community oriented activities are done by the New Satara group.

॥ देव गुज सांगे पंदरीशी यारे परेमे चित्ती घ्यारे नाम माझे ॥  
॥ आषाढी कार्तिकी विसरू नका मज सांगतसे गुज पांडुरंग ॥

Sri RukminiPranSanjeevan in the city of Lord ShriVitthal, i.e. at the feet of Panduranga, the adorable deity of Maharashtra Keeping in mind the inconvenience of living during Wari period, in order to facilitate the accommodation of all Warkari brothers and sisters, New Satara Bhakti Nivas complex was built and every year thousands of devotees live in it at a very low rate. It is easy to start any task but it is very important to maintain consistency. All the prospective devotees of Maharashtra and Karnataka have benefited from these facilities.

According to the saying of the saint, "Who should know a sadhu, God should know him there," while reviewing the surrounding area of blessed place Pandharpur, it was pointed out that an educational hall should be set up in this area for the technical education of the sons and daughters of the farmer king in the rural areas. And for the noble purpose of providing high quality technical education to these poor and backward class students, they decided to start an educational hall at Korti, Pandharpur under the auspices of Lord Mahadeva at a distance of five to six km from blessed place Pandharpur. It started in the academic year 2009.



# SPANDAN

2023-24



## Board Of Directors



Sr. No.	Name of Trustee	Designation
01.	Shri. Rajaram (Nana) M. Nikam	Chairman
02.	Shri. Suryakant S. Wadkar	Vice-Chairman
03.	Shri. Gorakshnath B. Patil	Secretary
04.	Shri. Maruti C. Vare	Treasurer
05.	Shri. Narayan D. Vare	Member
06.	Shri. Dashrath Shingade	Member
07.	Shri. Annasaheb T. Yadav	Member
08.	Shri. Shankar K. Wadkar	Member
09.	Shri. Suryakant D. Patane	Member
10.	Shri. Anandrao B. Vare	Member
11.	Shri. Kishor P. Nikam	Member
12.	Shri. Uttam S. Nagmal	Member
13.	Dr. Laxshmikant R. Nikam	Member



**The Goddess of knowledge**





## About Institute

**New Satara Polytechnic began its journey with the sole objective of meeting the long felt need of technical & educational programmes that would meet the challenges of the present & the future technical advancements of the fast changing world. New Satara Polytechnic was established in 2010 It encompasses over 10 acres of land.**

**This institute has been contributing to the industrial & economic development of our society since last 12 years & is poised to grow along with the times.**

**New Satara Polytechnic, Institute is situated 9 km away from central Bus Stand towards Pandharpur, a holly place of Goddess, Shri VitthalRukmini , worshipped over all corners of Maharashtra. Pandharpur Railway station is nearly 8 km from institute. Solapur Railway station is nearly 90 km from institute.**





**NEW SATARA SAMUH MUMBAI'S  
NEW SATARA COLLEGE OF  
ENGINEERING AND MANAGEMENT  
(POLYTECHNIC) KORTI - PANDHARPUR**



**INSTITUTE VISION & MISSION**

# Our Vision

TO BECOME LEADING INSTITUTE FOR IMPARTING TECHNICAL EDUCATION IN RURAL AREAS FOR FULFILLING NEEDS OF INDUSTRY AND SOCIETY.

# Our Mission

- TO ENHANCE THE TECHNICAL KNOWLEDGE OF STUDENTS BY PRACTICAL BASED EDUCATION.
- TO STRIVE FOR GOOD ACADEMIC RESULTS AND PLACEMENT OF DIPLOMA GRADUATES.
- TO FACILITATE INFRASTRUCTURE FOR DEVELOPMENT OF PROFESSIONAL SKILLS OF STUDENTS.







## Principal's Desk

**Prof. Vikram H. Londhe**

In our fast-paced world, a nation's success is closely tied to its industrial growth. Globalization has become essential for countries to thrive. Today, people expect quality work in every field. To navigate this modern technological revolution, individuals must prepare carefully, with courage and a positive mindset. Industrial development has emerged as a pressing need, characterized by skilled workforce, adoption of modern technology, and effective implementation of these skills. At New Satara Polytechnic, we recognize this contemporary requirement and focus on producing world-class technicians equipped with competent skills across various technologies to serve society. Every effort at our institution is directed towards achieving this overarching goal. Our skilled faculty are our greatest strength. Each member of our team is deeply passionate about achieving our shared goals. We consistently motivate our faculty to actively engage in our mission, Surrounded by the soothing embrace of nature within the pleasant environment of New Satara Polytechnic. Our co-curricular and extra-curricular activities are designed to spark the curiosity of our young minds, encouraging them to explore new dimensions of life and innovate in their respective fields. At New Satara Polytechnic

Our skilled faculty are our greatest strength. Each member of our team is deeply passionate about achieving our shared goals. We consistently motivate our faculty to actively engage in our mission, Surrounded by the soothing embrace of nature within the pleasant environment of New Satara Polytechnic. Our co-curricular and extra-curricular activities are designed to spark the curiosity of our young minds, encouraging them to explore new dimensions of life and innovate in their respective fields. At New Satara Polytechnic, we encourage our students to be problem-solvers rather than dwell on problems. They are given opportunities to work on mini and micro projects, allowing them to apply their knowledge practically and showcase their creativity. To enhance our students' employability, we have introduced and effectively implemented Skills Development Programs within our institute.

In today's highly competitive global market shaped by globalization, liberalization, and privatization, practical knowledge is essential. We ensure our students are industry-ready by imparting practical skills and instilling in them the confidence to navigate and excel in the competitive world. We invite you to experience the vibrant learning environment at New Satara Polytechnic, where you can rejuvenate your mind and intellect.

VandeMatram, Jay Bharat, Jay Maharashtra





**NEW SATARA SAMUH MUMBAI'S  
NEW SATARA COLLEGE OF  
ENGINEERING AND MANAGEMENT  
(POLYTECHNIC) KORTI - PANDHARPUR**

**EDITORIAL PANNEL**



Chief Editor  
Prof. VikramLondhe

Prof. Vishal Baad  
Vice-Principal

Prof. Balasaheb Nanaware  
CO - Editor

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HOD, Computer Dept.

Prof. Vikram Mali  
HOD, Mechanical Dept.

Prof. Apurva Sutar  
HOD, E&TC Dept.

Prof. Ashwini Korake  
Civil Dept.

Mrs. Archana Paricharak  
Cashier

Prof. Vishwanath Kumbhar  
HOD, Civil Dept.

Prof. Suraj Jaiswal  
Mechanical Dept

Mr.Uddhav Mali  
Librarian

Mr. Ashok G. Metkari  
System Analyst





# Mechanical Department: Overview

HOD'sDesk

**HOD'sDesk**



**Prof. VikramV. Mali**

I am very happy to bring out the second issue of the Mechanical Engineering Departmental Newsletter. This newsletter outlines various activities that have taken place during the period of January to June, 2023 and the achievements of faculty and students. Various guest lectures and industrial visits are organized this semester to improve knowledge of the students. Pre-placement training is offered to the final year students to make them prepared for the job interviews.

The Department of Mechanical Engineering is putting all efforts to ensure the overall progress of the students. Any suggestions for further improvement will be greatly appreciated.

## Vision

“To become a center of excellence in mechanical engineering for producing competent, creative, mechanical professionals to meet socio-technical challenges.”

## Mission

- To provide a platform to the students towards attaining quality education in mechanical engineering.
- To sharpen the professional skills of our students & enable them to compete in the complex world by engaging in industry-institute interactions & various training programs.
- To educate students about professional, environmental & ethical responsibilities with leadership and entrepreneurship qualities for their career development.



### EXPERT LECTURES



Expert lecturers provide an important educational experience for students based on their real-world life experiences. Students get to see the insight and perspective of the guest lecturers' specific field. The format can enable students to interact with professionals in formal and informal settings.

On 14th February 2023 we have arranged this guest lecture to Mechanical Engineering students by Mr. Doiphode Y.S. sir on "Introduction to Robotics". This lecture covered Design, construction, use to control robots, sensory feedback and information processing.

### INDUSTRIAL VISITS

**Industrial visits** provide the students with an opportunity to learn practically through interaction, working methods and employment practices. It gives the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.



On 16 February 2023 an industrial visit was organized by Mechanical Engg. to Mapro Food Products for third year students as a part of curriculum. During this visit Mr. Sawant (chief officer) introduced the information of various methods and processes carried out in plant.



**Techno Spectrum 2023**

*Project participation in Techno Spectrum*



**STAFF ACHIEVEMENT**

IEEE Paper published on subject *Development of relationship for tool force, stress in end milling cutter by using analytical method & analysis GSM* by HBRP publication

**-Author name: Mr. Dighe A.D. (ME-Mech.)**

IEEE Paper published on subject *Investigation of Longitudinal crack & its effect on rotating shaft* by HBRP Publication

**-Author name: Mr. Hegade N.D. (ME-Mech.)**

**STUDENT ACHIEVEMENT**

Department Of Mechanical Engineering		
Second year		
S.no	Name of student	Percentage
1	Ravalu Dhiraj Anna	69.53
2	Dhope Sanika Suryakant	68.47
Third Year		
3	Amol Satyavanmude	76.78
4	Alisha Abdulmajjid Patil	72.11



## Mechanical Laboratories



**Materials Lab & Measurement Lab**



**Automobile Lab & Theory of Machines Lab**



**Autocad Lab**



**Fluid Mechanics & Machinery Lab**



**Power Lab & Thermal Lab**

**FACULTY PROFILE 2023-24**



**HOD**

Name :Mr.V.V.Mali  
Qualification: BE  
Mechanical Department  
Contact No:8329000615



**Academic Coordinator**

Name : Mr.V.N. Baad  
Qualification: MBA  
Mechanical Department  
Contact No:9970020084



**Senior Lecturer**

Name : Mr.N.D.Hegade  
Qualification: M.Tech  
Mechanical Department  
Contact No:8605068565



Name :Mr.S.R.Jaiswal

Name :MrK.M.Kolawale

Qualification: BE  
Mechanical Department  
Contact No:9665187734



Name : Mr.O.R.Gaikwad

Qualification: BE  
Mechanical Department  
Contact No:7387869383



Qualification: BE  
Mechanical Department  
Contact No:7666605075



## Civil Department: Overview

### HOD's Desk



I am very happy to bring out the first issue of the CiviEngineering Departmental Newsletter. This newsletter outlines various activities that have taken place during the period August-December, 2023 and the achievements of faculty and students. Various guest lectures and industrial visits are organized this semester to improve knowledge of the students. Pre-placement training is offered to the final year students to make them prepared for the job interviews. The Department of Civil Engineering is putting all efforts to ensure the overall progress of the students. Any suggestions for further improvement will be greatly appreciated.

### Vision

- “To be a leader in the field of civil Engineering by imparting quality based technical education to serve industry and society.”

### Mission

- To provide value based technical education in civil engineering.
- To train the student so enhance professional skills and competencies by Providing various training programs
- To mentor students in pursuit of higher education, entrepreneurship and global professionalism.

**INDUSTRIAL VISITS**



On 09 August 2023 an industrial visit was organized by department of Civil Eng. to Water Treatment plant, Pandharpur for Second & third year students as a part of curriculum. The visit was helpful to enhance the knowledge about the Public Health Engineering.



On 22 August 2023 an industrial visit was organized by Civil Engg. to Building Construction for Second & third year students as a part of curriculum. During this visit Mr. Sameer Sakhare Sir introduced the information of various Components of Building.



**EXPERT LECTURES**



On 19th October 2023 we have arranged this guest lecture to Civil Engineering students by Mr.C.R.Limkar. sir on "Estimating & Costing". This lecture covered Drawing & Detailed Process of Calculating Estimate & Its Application



On 14th October 2023 we have arranged this guest lecture to Civil Engineering students by Mr. Ravikant sathe on "Mechanics of Structure". This lecture covered Drawing & Detailed Process of Calculating Estimate & Its Application.

**STAFF PROFILE**



**Mr. V. M. Kumbhar**  
(M. Tech. Structural Engineering)



**Mr. S. B. Nirmal**  
(M. Tech. Structural Engineering)



**Ms. R. B. Pawar**  
(B.E. Civil Engineering)



**Mr. M. S. Dhumal**  
(B.E. Civil Engineering)



**Ms. S.S. Jagdale**  
(B.E. Civil Engineering)



**Ms. A. A. Korake**  
(B.E. Civil Engineering)



**DEPARMENT LABORATORIES**



**HYDRAULICS LAB**



**GEOTECHNICAL**



**SURVEYING**



**CONCRETE LAB**



**SOM LAB**



## Computer Department: Overview

### HOD's Desk



It is my honor to address you as the Head of the Computer Engineering Department. Our department continues to be a place of innovation, collaboration, and excellence in the rapidly advancing field of computer engineering. We are committed to providing our students with not only the technical knowledge they need to succeed but also the skills and opportunities to become leaders in the technology industry. At the core of our mission is the belief that academic success must go hand in hand with practical, real-world experience. To this end, we consistently strive to offer our students comprehensive education that includes industry visits, guest lectures from renowned professionals, and skill-building workshops that bridge the gap between theory and practice. These initiatives ensure that our students are not only well-prepared for their careers but also capable of adapting to the fast-evolving demands of the tech world. We also recognize the importance of career readiness and have implemented a variety of pre-placement training programs to support our students as they transition into the workforce. These programs help them develop the confidence, technical expertise, and soft skills required to excel in job interviews and succeed in their professional journeys. Our department remains deeply committed to fostering an environment of holistic development, where students are encouraged to innovate, think critically, and pursue excellence in all aspects of their education. By nurturing their intellectual curiosity and creative potential, we aim to shape individuals who will drive the future of technology. As we continue to evolve and grow, we value the input and engagement of all our stakeholders. Your support is essential. We strive to offer the highest quality of education and opportunities for our students. Thank you for being a part of our journey, and we look forward to your continued collaboration and support. Mr. S. B. Puri Head Of Computer Department New Satara Samuh Mumbai's New Satara College of Engineering & Management (Polytechnic) Korti, Pandharpur

#### **Vision**

To become a center of excellence in computer engineering fields to impart technical education in Rural areas.

#### **Mission**

1. To provide practical oriented technical education to the students to enhance skills in designing, developing and testing software.
2. To provide exposure to the students about latest technology in the area of Computer Engineering by various training programs to enhance students competitive skills.
3. To generate teamwork and professionalism among the students.

Warm regards,

**Prof. Puri S.B.**

Head of Computer Engineering Department  
New Satara College Of Engineering & Management (Poly)  
Korti, Pandharpur.



## **STAFFPROFILE**

(AY2023-2024)



**Mr. S. B. Puri**  
(B.E. Comp. Engg)



**Mr. B. B. Nanaware**  
(M.A. English)



**Mr. I. B. Jadhav**  
(M. Sc. Physics)



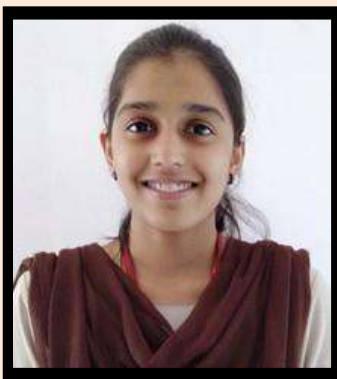
**Mr. S. S. Gosavi**  
(B.E. Comp. Engg)



**Mr. S. S. Mane**  
(B.E. Comp. Engg)



**Mr. G. B. Chougule**  
(B.E. Comp. Engg)



**Ms. P. S. Sugandhi**  
(B.E. Comp. Engg)



**Ms. P. N. Hande**  
(M.E. Comp. Engg)



**Ms. S. P. Dhodmise**  
(M.Sc. Chem)

**Department Labs** AY (2023-2024)



**Multimedia Lab**



**Internet & Network Lab**



**Project Lab**



**Programming Lab**



**Hardware Lab**



**Software Testing Lab**



## Information Technology Department: Overview

### HOD's Desk



**Information Technology is one of the fastest growing engineering fields in all over the world.** We are also part of that. The Department seeks to combine excellence in education and research with service to the industry. Our vision is to be recognized as innovative and leading Information Technology Department in the India and beyond.

Our goal is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs.

We train all students such a way that, they are compatible at national level as well as also stand at international level. Our highly qualified faculty members not only provide knowledge to the student but motivate them to be intellectuals and professionals in their approach.

The Department offers four year Bachelor Degree. In our department students are nurtured to become world-class software professionals as Project Managers, System Analysts or Team leaders in Industry or become Entrepreneurs in their own innovative way. I am sure in times to come; many students from our department will make indelible mark nationally and internationally in the field of Information Technology and make us proud we are having hard-working students, a committed faculty members and a very healthy work-culture, are the basic elements that comprise the Department of Information Technology.

If you really want to become the frontiers of Software Professionals then the **IT department of Faculty of Engineering – New Satara Polytechnic** is the right place for you.

#### Vision

Empowering students with quality education and professional skills in information technology, fostering teamwork and professionalism to serve rural communities

#### Mission

1. To provide platform to students towards attaining quality education in information technology.
2. To improve the professional skills of students by imparting advance training in education.
3. To generate team work & professionalism among the students concern with rural area.

Warm Regards,

**Ms. Komal S. Kambale**

Head of Information Technology

New Satara College Of Engineering & Management (Poly)

Korti,Pandharpur.

## STAFF PROFILE

(AY 2023-2024)



**Name :** Kamble K.S.  
**Qualification :** B.Tech  
**Contact No. :** 9730843189



**Name :** Mr. B. B. Nanaware  
**Qualification** M. A B.Ed (English)  
**Contact No. :** 9503661815



**Name :** Mr. I. B. Jadhav  
**Qualification** M.Sc.B.Ed (Physics)  
**Contact No. :** 8329666404



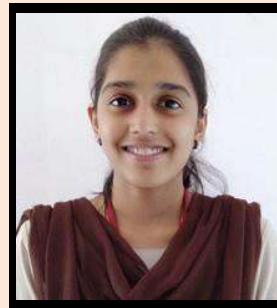
**Name :** Mr. S. K. Nagane  
**Qualification** B.E  
**Contact No. :** 8552821007



**Name :** Ms. Patole V .S .  
**Qualification :** B.E ( CO)  
**Contact No. :** 9975777091



**Name :** Mr. G. B. Chougule  
**Qualification :** B.E ( CO)  
**Contact No. :** 9975777091



**Name :** Ms. P. S. Sugandhi  
**Qualification :** B.E ( CO)  
**Contact No. :** 9975777091



**Name :** Ms. C. P. Jadhav  
**Qualification :** B.E ( CO)  
**Contact No. :** 9975777091



## **Department Labs**

AY(2023-2024)



**Multimedia Lab**



**Network & Internet Lab**



**Project Lab**



**Programming Lab**



**Hardware Lab**



**Software Testing**

# Electronics & Telecommunication Engineering

## Department: Overview

### HOD's Desk



Welcome to the Department of Electronics & Telecommunication Engineering at New Satara College of Engineering (Poly), Korti, Pandharpur. Our department is dedicated to providing quality education, technical expertise, and industry exposure to students.

With a strong focus on core electronics, communication systems, and emerging technologies, we aim to nurture skilled professionals with ethical values and a commitment to lifelong learning. Our experienced faculty, modern infrastructure, and industry collaborations ensure holistic student development through hands-on training, internships, and placements.

Beyond academics, we encourage students to engage in co-curricular and extracurricular activities. The department's student council organizes various technical, cultural, and sports events to enhance their overall growth.

We take pride in our students' achievements and remain committed to fostering innovation, excellence, and leadership.

### Vision

To become an excellent department in the field of electronics and telecommunication engineering by imparting quality education to the students of rural areas.

### Mission

- 1) To provide quality education of electronics and telecommunication engineering to the students of rural areas.
- 2) Empower students to excel in their careers by providing training programs that focus on developing essential competencies and skills.
- 3) To support and cultivate students aspirations in higher education and global professionalism

With Warm Regards,

Ms. Bhosale A.K  
Head, Electronics & Telecommunication Engineering  
Department  
New Satara College of Engineering & Management (Poly),  
Korti, Pandharpur



**STAFF PROFILE**



**Name : Ms. Bhosale A.K**  
**Qualification : M.Tech (EGTC)**



**Name Mr. Lokhande G.M**  
**Qualification : B.Tech (EGTC)**



**Name : Mr. Kalagate N.K**  
**Qualification : B.Tech (EGTC)**



**Name : Mr. Kulkarni P.S**  
**Qualification : B.Tech (EGTC)**



**Name : Mr. Dhat A.D**  
**Qualification : B.Tech (EGTC)**



**Name : Mr. Vyavahare S.D**  
**Qualification : B.Tech (EGTC)**



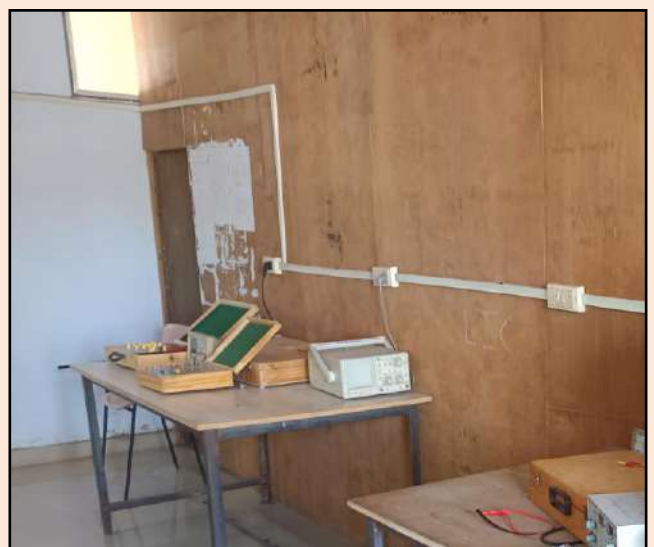
**Digital Technique Lab**



**Advance Communication Lab**



**Basic Electrical Lab**



**Measurement & Instrumentation Lab**



**Basic Electronics Lab**



**Applied Electronics Lab**



## **STUDENT ACHIEVEMENTS**

In A.Y. 2023-24, students of the **Electronics & Telecommunication Engineering (E&TC) Department** excelled in academics, research, and competitions, winning awards in hackathons, robotics, and technical fests. They also showcased talent in sports and cultural events, bringing laurels to the institute. Their achievements set new benchmarks for excellence.

<b>Department Of Electronics &amp; Telecommunication Engineering.</b>		
<b>Second Year</b>		
<b>Sr. no</b>	<b>Name of student</b>	<b>percentage</b>
1	Ghodake Payal Vaijanath	83.29%
2	Jadhav Shubhangi Manik	<b>82.07%</b>
<b>Third Year</b>		
3	Gend Shubham Shivaji	85.78%
4	Kadam Sakshi Shahaji	83.69%

**Industrial Visits**



**Visit At Manu Electricals Pvt. Ltd. Waluj MIDC  
Chh.Sambhaji Nagar Maharashtra**



# **Department of Science & Humanities,**



**Mr B. B. Nanaware  
(First Year In-Charge)**

It gives me immense pleasure to present brief report of Department of Science & Humanities. Faculties of our department In Today's world of Technology revolution suit best so quality education has the power to transform societies. Our department has launched various basic courses in the college for the students of first year to accept educational challenges in modern age.

The First year of Diploma Engineering First Year course is common to all branches of engineering. This course provides a strong foundation on which the student is prepared to face the higher semesters. The First Year course comes under the Department of Science & Humanities. The Department has been set up as per the guidelines of AICTE. The department takes care of the academics and the overall growth of First Year students.

The courses offered in the Department of Science & Humanities provide the basic structure of the engineering programme offered by MSBTE across all courses. It aims at creating a strong base in mathematics, basic sciences and communication skills, which is useful for all branches of diploma engineering.

The programme objectives broadly provide students with a sound foundation of Mathematical background; understand basic principles of Physics, Chemistry, Applied Mechanics, Basic Electronics, computer programming and Engineering Graphics and to enable them to learn the nuances of communication.

**Teaching Staff**

Sr. no.	Name of Staff	Designation	Experience in Years	Educational Qualification
1	Mr. Nanaware B. B.	H.O.D. (Lecturer in English)	12	M.A. B.Ed. (English)
2	Mr. Jadhav I. B.	Lecturer (Physics)	03	M.Sc. B.Ed (Physics)
3	Ms. Dhodmise S. P.	Lecturer (Chemistry)	02	M.Sc. Chemistry
4	Ms. Chavan A. A.	Lecturer (Mathematics)	02	M.Sc. B.Ed (Mathematics)
Non-Teaching Staff				
1	Mrs. S. A. Jain	Lab Assistant	12	B.Sc (Phy)

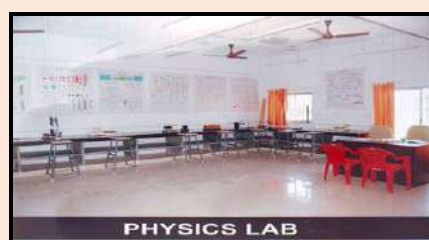
**Department Laboratories**

**Physical Resources**

- Physics Laboratory
- Chemistry Laboratory
- Language Laboratory (Proposed)
- H.O.D. Cabin
- Five Classrooms

**Human resources**

First Year In-charge  
Four Regular lecturers  
Two Lab Assistants



Physics laboratory	Chemistry laboratory	Language Lab (Proposed)
Lab settings	Experiment arrangement for twenty students	Twenty Sets of PCs
Dark Room	Gas Plant	Required seating arrangements for twenty students
--	Chemical Storage Room	--
--	Web Facility	--



*Spandan : 2023-24*

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# Annual Magazine

*SPANDAN - 2023-24*

**Magazine Committee Chairman**

**Prof. V.H. Londhe**

**(Principal)**

**Editor In Chief**

**Prof. B.B. Nanaware**

**Magazine Student Coordinators**

**Mr.Swapnil Dhage (Ty CO)**

**Mr. Prashant Ambule (Ty IF)**

**Ms. Gauri Dhanawade (Ty Mech)**

**Mr. Pruthviraj Jadhav (Ty Civil)**

**Ms. Vaishanavi Patil (Ty EJ)**

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**New Satara Samuh Mumbai's**

**New Satara College of Engineering and Management  
(Polytechnic) Korti, Pandharpur**

Approved by AICTE. Recognised by Govt of Maharashtra & Affiliated To MSBTE

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**The Editors do not agree with all the contents in this book**

## मराठी विभाग

### माझी वसुंधरा

माझी वसुंधरा ही किती सुंदर  
चंद्रासारखी, सूर्याप्रमाणे पुण्यशाली,  
फुलांचा गंध, वाऱ्याचा श्वास,  
किती रंग तिच्या अवाढव्य कक्षा!

समुद्राची लाट, पर्वतांचा माथा,  
हिरवीगार धरणी, सुगंधित फुलांचा झरा,  
जन्म घेतो प्रत्येक जीव, प्रत्येक पौध्याचा कण,  
किती सुंदर तिचे रूप, गोड स्वर तिचा गाण!

तिच्या पाठीवर पाऊल ठेवताना,  
माझा आवाज ओळखावा, तिच्या धडकांमध्ये,  
तीचं जतन करा, तिचं रक्षण करा,  
वसुंधरेच्या पावलांमध्ये आपले अस्तित्व शोधा!

धरणीच्या कुंडलीत रंग आहेत वळण,  
समाजानेच कळले पाहिजे जीवनाचे धराण,  
कृषी, वनस्पती, जलचक्र हे जणू आपल्या नातेसंबंधाचे धागे,  
त्यांना समजून आणूया सृष्टीचे अद्भुत राज!

By Ms. Swapnali Mohan Doke (TY, CO)

### "आगम पिढीचा भविष्याशी खेळ"

आपल्या प्रत्येक पिढीला एक वळण असतं, ज्यावर ती आपलं भविष्य निर्माण करते. हीच अवस्था आजच्या आधुनिक पिढीची आहे. आजच्या मुलांना माहितीची गंगा इतकी गहिरा समजली आहे की ते प्रत्येक पिढीच्या गतीला ओळखून, तशाच वेगाने आपलं जीवन घडवण्यास सज्ज आहेत. पण एक गोष्ट कायम ठरलेली आहे, की प्रत्येक पिढीला त्यांच्या भविष्याशी खेळावे लागते.

कधी काळी वयस्कर लोक, मोठ्या धाडसाने आणि परिश्रमाने भविष्याचा मार्ग दाखवित असत, पण आज त्या मार्गावर शंभर नव्या शक्यता वळण घेत पुढे जात आहेत. तंत्रज्ञानाच्या फुगलेल्या पंखांखाली, अगदी लहान वयातच आपल्या पिढीला जगाचा चेहरा बदलता येतो, आणि त्यावर त्यांच्या विचारांचा ठसा उमठवता येतो. मात्र, याच्या मागे एक मोठा धोकाही दडलेला आहे. आजच्या काळात, इतरांच्या प्रभावाने, एका गोष्टीकडे पाहण्याची दृष्टी संकुचित होऊ शकते.

मुलांची विचारशक्ती, त्यांच्या संवेदनशीलतेला सामर्थ्य द्यायला आवश्यक आहे. अगदी 'आधुनिक' होण्याच्या नादात, आपण आपल्या संस्कृती, नैतिकता आणि पर्यावरणाशी तडजोड करतो का? हे प्रश्न प्रत्येकाने नक्कीच विचारले पाहिजे.

आपण तंत्रज्ञानाच्या जलद धारेत कितीही झपाटले तरी, प्रत्येक पिढीला काही शाश्वत गोष्टी लक्षात ठेवाव्या लागतात. त्यातच एक म्हणजे: शांती, प्रेम, सहकार्य आणि निसर्गाची काळजी. अगदी वयाच्या सुरुवातीपासून या मूल्यांचा मुलांना विचार केला गेला पाहिजे, ज्यामुळे भविष्यात ते तंत्रज्ञान, विज्ञान आणि समाजातील बदलत्या घटकांना मानवतेच्या दृष्टीने समजून त्यावर योग्य निर्णय घेऊ शकतील.

नवीन तंत्रज्ञानाच्या युगात आपले व्यक्तिमत्व, आपली मूल्यमापनं आणि आपली सृजनशीलता काय असावी यावर आजची पिढी आपला विचार केंद्रित करत आहे. ती जितकी अधिक सावध असते, तितकीच त्याच्या विचारांमध्ये प्रगल्भता आणि समाजविषयीची जाणीव उंचावते.

आता आपल्या पिढीने भविष्यात काय गमावू नये, यावर विचार करणे अत्यंत महत्त्वाचे ठरते. आपला भविष्याशी खेळ साधू पाहणाऱ्यांना त्याच्या प्रत्येक कृतीचे परिणाम समजून घेणे आवश्यक आहे. आपला आत्मविश्वास आणि आदर्श काय असावा, हे लक्षात ठेवून, पिढीला भविष्याची गती पार करण्याची तयारी हवी आहे.

*By Ms. Gayatri Dhanraj Shriramjavar (TY, CO)*

## विद्यार्थी आणि अनुशासन

विद्यार्थ्यांच्या जीवनात अनुशासन हे एक अत्यंत महत्त्वाचे अंग आहे. अनुशासन म्हणजेच, वेळेचे, कर्तव्याचे, आणि वर्तमानातील नियमांचे पालन करणे. एक विद्यार्थी जर अनुशासनाची शिकवण घेतो, तर त्याच्या जीवनात यश आणि समृद्धी येण्याची शक्यता दुप्पट वाढते. शिक्षणासाठी जितका शिस्त आणि नियमांची आवश्यकता आहे, तितकीच जीवनाच्या इतर पैलूंमध्येही अनुशासन महत्त्वाचे आहे.

**१. कर्तव्याची भावना आणि वेळेचे पालन:** विद्यार्थ्यांना प्रत्येक गोष्टीसाठी निश्चित वेळ असावा लागतो. अभ्यास, खेळ, झोप, मनोरंजन – प्रत्येक गोष्टीला योग्य वेळ देणे आवश्यक आहे. जेव्हा विद्यार्थी वेळेचे पालन करतात, तेव्हा ते केवळ वेळेची बचत करत नाहीत, तर त्यांचे मनाही एकाग्र राहते. शाळेतील कामे आणि गृहपाठ पूर्ण करण्यासाठी योग्य वेळ देणे, त्यांना आपले उद्दिष्ट साध्य करण्यात मदत करते.

**२. मानसिक शिस्त:** शालेय शिक्षणात किंवा आयुष्यात एकाग्रता ठेवण्यासाठी मानसिक शिस्त अत्यंत आवश्यक आहे. विद्यार्थी जर मानसिकदृष्ट्या शिस्तबद्ध असतील, तर त्यांना छोट्या गोष्टींवरही जास्त लक्ष केंद्रित करता येईल, ज्यामुळे त्यांचा अभ्यास परिणामकारक होईल. मानसिक शिस्त म्हणजेच वाद-विवाद, भ्रम आणि एकाग्रतेचे बिघाड होणार नाही, अशी मानसिक तयारी करणे.



३. **नियम आणि कायद्याचे पालन:** शाळेतील नियम आणि बाहेरील कायद्याचे पालन करणे देखील अत्यंत आवश्यक आहे. एका शाळेतील विद्यार्थी म्हणून, शिक्षिका/शिक्षकांच्या आदेशाचे पालन करणे, शाळेच्या वेळापत्रकाचे पालन करणे, इ. यामुळे विद्यार्थ्यांचे जीवन अधिक व्यवस्थित होते. शाळेतील नियमांचे पालन केल्यामुळे विद्यार्थ्यांना समाजातही कायद्याचे पालन करणे सोपे जाते, ज्यामुळे त्यांचे सामाजिक जीवनही यशस्वी होते.

४. **इतरांचा आदर:** शिस्त म्हणजेच इतरांचा आदर करणे, त्यांचे विचार समजून घेणे, आणि त्यांचा सन्मान करणे. एक शिस्तबद्ध विद्यार्थी इतरांच्या भावना आणि विचारांचे महत्व ओळखतो. त्याच्या मित्रांशी, शिक्षकांशी, वडिलांशी आणि आई-वडिलांशी सौजन्यपूर्ण वर्तन करतो. या शिस्तीमुळे त्याला मानवी संबंध निर्माण करण्यास मदत मिळते आणि तो समाजात एक आदर्श नागरिक म्हणून ओळखला जातो.

५. **आत्मविश्वास आणि आत्मनिर्भरता:** जेव्हा विद्यार्थी आपले कर्तव्य शिस्तीने पार करतो, तेव्हा त्याचा आत्मविश्वास वाढतो. त्याला आपल्यावर विश्वास असतो की, तो कोणत्याही कठीण कार्याला यशस्वीरित्या पार करू शकतो. शिस्तीमुळे त्याचे कार्यप्रेरणा आणि मानसिक बल मजबूत होते, ज्यामुळे त्याला आत्मनिर्भर होण्यास मदत मिळते.

**निष्कर्ष:** विद्यार्थ्यांनी अनुशासनाचे पालन केले, तर ते केवळ शालेय जीवनातच नव्हे, तर भविष्याच्या प्रत्येक टप्प्यावर यशस्वी होऊ शकतात. शिस्त ही केवळ एका वेळेची किंवा एका काळाची गोष्ट नाही, ती संपूर्ण जीवनाचा एक महत्त्वपूर्ण भाग आहे. प्रत्येक विद्यार्थ्याला हे समजून घेणे आवश्यक आहे की, अनुशासन आणि मेहनत यामुळेच त्याच्या जीवनात चांगले परिणाम दिसून येतील.

अशा प्रकारे, विद्यार्थ्यांसाठी अनुशासन हे एक अत्यंत महत्वाचे साधन आहे, जे त्यांना जीवनातील प्रत्येक क्षेत्रात यश मिळवून देण्यास मदत करते.

By Ms. Shweta Kiran Rathod (TY, CO)

### होता एक वेडा मुलगा

होता एक वेडा मुलगा,  
आयुष्याला नवा रंग देणारा,  
तुटलेल्या वाटेवर चालत,  
जन्माला एक नवीन वारा घालणारा।

सपनांच्या उंचावर उडत होता,  
वाढत्या धक्यात संघर्ष करत,  
कधी हसत, कधी रडत,  
तरीही स्वतःच्या वाटेवरच चालत होता.

त्याच्या मनात होता अनोखा विश्वास,  
जो न समजला कोणालाही,  
पण त्या वेड्या मुलाने शिकवले सर्वांना,  
की जीवनात चुकता येईल, फक्त हार मानू नका कधी.

वयाच्या फडात वाटला त्याला एकाच रस्ता,  
पण त्याने धरला अनेक वळणांचा वारा,  
सामोरे जाणारा तो वेडा मुलगा,  
कधीही थांबला नाही, खूप काही शिकला होता.

त्याचे वेगळेपणच होतं त्याची शक्ती,  
ज्याच्या मागे नवा रस्ता दिसला,  
त्याच्या स्वप्नांनी आणि ध्येयांनी,  
त्याने थोडक्यात तंत्रज्ञान, कला, विज्ञान यांचा संग केला!

आज तेच वेडे मुलगे,  
जगभरात एक नवा आदर्श बनले,  
त्याचं 'वेडेपण' खरं सांगायचं झालं,  
तर तेच त्याचं मोठं यश आणि सामर्थ्य ठरले!

*By Ms. Sakshi Kadam (TY, EJ)*

## **शिवबा**

छत्रपती शिवाजी महाराज, हे नाव ऐकलं की, मुळात आपल्या मनात एक शौर्य, धैर्य, स्वाभिमान आणि राष्ट्रप्रेमाची प्रेरणा जागृत होते. शिवाजी महाराज हे एक अपूर्व व्यक्तिमत्व होते, ज्यांनी स्वराज्य स्थापनेसाठी आपले जीवन समर्पित केले. ते केवळ एक योद्धा नव्हते, तर एक कुशल शासक, दूरदृष्टी असलेले धोरणी, आणि एक महान नेते होते.

**शिवाजी महाराजांचा जन्म:** शिवाजी महाराजांचा जन्म १९ फेब्रुवारी १६३० रोजी शिवनेरी किल्ल्यावर झाला. त्यांचे वडील, शाहजी राजे, हे एक महान मराठा सरदार होते, आणि आई जिजाऊ, त्या महान योद्ध्यांच्या कुशल शिक्षिकेतून शौर्य आणि मोलाची मूल्ये शिकत शिवाजी महाराजांनी जीवनाचा आरंभ केला.

**स्वराज्य स्थापनेसाठी संघर्ष:** शिवाजी महाराजांच्या जीवनातील प्रमुख उद्दिष्ट होते "स्वराज्य". त्यांनी आणि त्यांच्या सैनिकांनी लढाईतच नव्हे, तर मनोबलाच्या शौर्याने आणि धैर्याने लहान-लहान किल्ल्यांना एकाच वेळी जिंकून एक मोठा साम्राज्य निर्माण केला. वयाच्या १६ व्या वर्षी त्यांना "शिवाजी" म्हणून ओळखले जाऊ लागले.

महाराजांच्या सैन्याच्या संघटनांमुळे आणि त्यांच्या युद्धनीतीमुळे त्यांना 'सिंहासनाचे स्वप्न' हे पूर्ण करता आले. किल्ल्यांचे महत्त्व समजून, त्यांनी विविध किल्ल्यांवर ताबा मिळवला, ज्या किल्ल्यांच्या मदतीने त्यांनी मराठा साम्राज्याचे सामर्थ्य वाढवले.

**राज्यधर्म आणि प्रशासन:** शिवाजी महाराजांनी स्वतःच्या शासकीय कार्यात तत्त्वनिष्ठता आणि सुव्यवस्था यांचे पालन केले. त्यांनी आपल्या राज्यात धर्म, जातीपातीच्या भेदभावापलीकडे जाऊन एक सशक्त प्रशासन सुरू केले. "राज्य" म्हणजे त्यांना जनता आणि त्यांचे कल्याण हे सर्वात महत्त्वाचे होते. त्यामुळेच त्यांनी त्यांचे साम्राज्य एक मजबूत प्रशासन, उत्तम सैन्य आणि प्रगल्भ धोरण यावर उभे केले.

**शिवाजी महाराजांचे समर्पण:** शिवाजी महाराजांचा जीवनातील सर्वोत्तम गुण म्हणजे त्यांचे समर्पण. त्यांना स्वराज्याची स्वप्न होती आणि त्यासाठी त्यांनी आपल्या प्राणांची आहुती दिली. त्यांचा 'हिंदवी स्वराज्य' हि संकल्पना त्यात त्यांचा सर्व जनतेसाठी एक समान आणि स्वतंत्र राष्ट्र स्थापन करण्याचा विचार होता.

शिवाजी महाराजांनी अनेक वेळा अत्यंत कठीण परिस्थितीतून मार्ग काढला. त्यांनी आपल्या कुटुंबाची काळजी घेत, आपल्या राष्ट्राची समृद्धी आणि लोकांचे भला करण्यासाठी संघर्ष केला.

**निष्कर्ष:** शिवाजी महाराज हे केवळ एक योद्धा, एक शासक नव्हे, तर एक प्रेरणास्त्रोत होते. त्यांच्या जीवनातील प्रत्येक गोष्ट, त्यांचे धैर्य, त्यांची दूरदृष्टी, त्यांचे नेतृत्व आणि त्यांच्या राज्याभिषेकापासून ते त्यांच्या मृत्यूपर्यंतचा संघर्ष हे सर्वच आमच्यासाठी एक शाळा आहे. त्यांचा हा प्रेरणादायी जीवन जगाला शिकवतो की, "शौर्य, कर्तव्य, आणि राष्ट्रप्रेम यांची एक नवी परिभाषा म्हणजेच शिवाजी महाराज".

शिवाजी महाराजांचे जीवन एक दिव्य काव्य आहे, आणि ते आजही प्रत्येक मराठ्याच्या हृदयात अजरामर आहेत.

*By Mr. Vikram Tatyaso Kale (TY, CE)*

### महाराष्ट्रातील शेतकरी जीवन

महाराष्ट्रातील शेती ही एक अत्यंत महत्त्वाची आणि ऐतिहासिक परंपरा आहे. राज्यातील ग्रामीण भागात शेतकरी हा एक मुख्य आधारस्तंभ आहे. महाराष्ट्राच्या आर्थिक रचनेत शेतीची भूमिका फार मोठी आहे. या राज्यात अनेक भौगोलिक, हवामान आणि पर्यावरणीय विविधता आहे, ज्यामुळे विविध प्रकारची शेती केली जाते. पिकांची विविधता, शेतकरीच्या मेहनतीची कहाणी आणि त्या मेहनतीच्या मागे असलेली अनेक अडचणी यांचे मिश्रण म्हणजेच महाराष्ट्रातील शेतकरी जीवन.

#### १. विविध पिकांची लागवड:



महाराष्ट्राच्या विविध भागांमध्ये भिन्न भिन्न प्रकारच्या पिकांची लागवड केली जाते. पश्चिम महाराष्ट्र, विदर्भ, कोकण, मराठवाडा आणि उत्तर महाराष्ट्र यासारख्या विविध भागात भिन्न प्रकारच्या हवामानामुळे विविध पिकांची लागवड केली जाते. पश्चिम महाराष्ट्र आणि कोकणात मुख्यतः ऊस, तांदूळ, गहू, कापूस आणि फळांची लागवड केली जाते. विदर्भ आणि मराठवाड्यात द्राक्ष, संत्रा, आणि गहू तसेच सोयाबिन, मूग यांची लागवड अधिक प्रमाणात आहे. कधी कधी, पर्यावरणातील बदलांमुळे शेतकऱ्यांना नवे प्रयोग करत असताना अनेक आव्हानांचा सामना करावा लागतो.

### २. शेतकऱ्यांची समस्या:

महाराष्ट्रातील शेतकऱ्यांना अनेक समस्यांचा सामना करावा लागतो. उन्हाळ्यातील लांबट वाळवी परिस्थिती, पाणी टंचाई, खते आणि बियाण्यांचा अवधी, कधी कधी किमती वाढवण्यामुळे शेती खर्च वाढणे, या सर्व गोष्टी शेतकऱ्यांच्या अडचणींच्या भाग आहेत. त्याचबरोबर, पिकांवरील रोग आणि कीटकांच्या समस्याही शेतकऱ्यांसाठी एक मोठा अडथळा ठरतात. यावर उपाय म्हणून, शेतकऱ्यांना योग्य मार्गदर्शन, कृषी विज्ञानातील नवे तंत्रज्ञान, आणि बरेच संशोधन आधारित सल्ले मिळणे आवश्यक आहे.

### ३. कृषी धोरण आणि योजनेसाठी सरकारचा पाठिंबा:

महाराष्ट्र राज्य सरकार नेहमीच शेतकऱ्यांच्या कल्याणासाठी विविध योजना आणते. कर्ज माफी योजना, सिंचन योजनेत सुधारणा, आणि कृषी उत्पादकांना समर्थन देण्यासाठी अनेक नवे उपाय शासनाने स्वीकारले आहेत. तथापि, या योजनेचा प्रत्यक्ष लाभ शेतकऱ्यांपर्यंत पोहोचवणे हे एक महत्त्वाचे आव्हान आहे. शेतकऱ्यांना योग्य प्रशिक्षण देणे, सुलभ कर्जाची उपलब्धता, बाजारपेठेपर्यंत पोहोचवणे हे सर्व बाबी शेतकरी हितासाठी आवश्यक आहेत.

### ४. शेतकऱ्यांचे योगदान आणि सशक्त भवितव्य:

शेतकऱ्यांनी केलेल्या कठीण मेहनतीमुळे आपले जीवन सुरू ठेवता येते. त्यांची कष्टाची फलश्रुतीच आपल्या अन्नधान्याचे उत्पादन, कपड्यांचे उत्पादन, आणि इतर अनेक बाबी होत आहेत. शेतीत केलेले परिष्कृत तंत्रज्ञान आणि सेंद्रिय शेतीचे महत्त्व वाढवण्यासाठी जागरूकता आवश्यक आहे. शेतकऱ्यांना सक्षम, शिक्षित आणि सशक्त बनविणे म्हणजेच त्यांना एक उत्तम भविष्य देणे. शेतकरी शेतीच्या नव्या तंत्रज्ञानाचा वापर करीत शाश्वत उत्पादनासाठी तसेच आपल्या आयुष्यात समृद्धी निर्माण करतात.

### निष्कर्ष:

महाराष्ट्रातील शेतकरी जीवन हे एक संघर्षाचे, परंतु आशेचेही आहे. महाराष्ट्राच्या अर्थव्यवस्थेला चालना देणारा आणि सृष्टीला ताजेतवाने ठेवणारा शेतकरी, खूप काळाच्या परंपरेला वाचा देत, आज आधुनिक तंत्रज्ञान, राज्य शासनाच्या योजनांचा लाभ घेत पुढे जात आहे. राज्याच्या समृद्धीसाठी

शेतकऱ्यांचे योगदान अनमोल आहे, आणि त्यांच्याशी जोडलेली त्यांची मेहनत याला कधीही कमी लेखता येणार नाही.

*By Mr. Dhanraj Ganesh Shingade (SY, IF)*

## "मनातील पाणी"

मनाच्या गाभ्यात एक गोड पाणी,  
पुन्हा पुन्हा येतं एक लाट म्हणून,  
गोड ते, गडबड करतं हळु हळु,  
कधी जरी शांत होतं, कधी उधळतं मोठं.

पाण्याच्या लाटा जशा अंगावर येतात,  
तशा भावना मनात उडत जातात,  
कधी प्रेमाची, कधी दुःखाची,  
कधी उंचावलेली, कधी गडपलेली.

स्मृतींचं ते पाणी कधी शुद्ध असतं,  
कधी हळवे रंग घेऊन पुढे सरकतं,  
कधी कुठूनही निराशेचं ढग येतं,  
मनाच्या गाभ्यात उधळून जातं.

पण एक गोष्ट आहे मनाच्या पाण्याची,  
जेव्हा ते शांत होईल, तेव्हा उगवते एक नवीन आकाश,  
सुरुचिपणाने, विश्रांतीने,  
पुन्हा तोच शांततेचा धारा तेथे जाऊन विसावतो.

मनातल्या पाण्यात असं एक रत्न सापडतं,  
जे सदा मिळालं, जरी क्षणांसाठी.  
आणि प्रत्येक लाट, प्रत्येक वेग,  
हेच आपल्या आतली ताकद, आपली किमया दाखवते.

*By Mr. Dhiraj Anna Ravalu (TY, ME)*

## हिंदी विभाग

### "गुज़र जाएगा"

गुज़र जाएगा ये समय भी,  
दर्द और खुशी का हर लम्हा,  
सपनों का जो तू ने देखा,  
सच हो जाएगा हर एक सपना।

कभी भी ज़िंदगी थमेगी नहीं,  
आगे बढ़ती जाएगी ये राह,  
हर घड़ी की उलझन, हर दर्द की लहर,  
कुछ समय में सब हो जाएगा महक।

गुज़र जाएगा ये अंधेरा भी,  
रौशनी के सूरज से मिलेगी राहत,  
तू जो संघर्ष करता है,  
उससे मिलेगी तुझे ताकत की बात।

हर ख्वाब में तू खुद को पाएगा,  
तू जो ठान लेगा, वो कर जाएगा,  
बस विश्वास रख, खुद पर तू,  
सफलता तेरे कदम चूमेगी, सच्चा है ये सब।

गुज़र जाएगा ये समय भी,  
तू सिखलेगा हर मुसीबत से,  
जीवन की राह पर, तुझसे निकलेगा एक और सूरज,  
जो चमकेगा नए विश्वास के साथ,  
गुज़र जाएगा सब कुछ, और नया कुछ आएगा।

*By Ms. Tanvi Gurunath Shinde (SY, ME)*



## "खुद के कदमों पर जीतों, दुनिया"

जब तक आप अपनी मंजिल पाने के लिए खुद के कदमों पर विश्वास नहीं करते, तब तक दुनिया की राहें भी साफ नहीं होतीं। हमें अक्सर दूसरों से प्रेरणा मिलती है, लेकिन असली ताकत तो हमारे अंदर ही होती है। जब हम अपने खुद के कदमों पर चलकर किसी लक्ष्य को हासिल करते हैं, तो न केवल हम अपनी राह बनाते हैं, बल्कि पूरी दुनिया को यह दिखाते हैं कि आत्मविश्वास और संघर्ष से कुछ भी हासिल किया जा सकता है।

कभी भी दूसरों के कदमों पर चलकर अपने सपनों को पूरा नहीं किया जा सकता। हमें अपनी जड़ें मजबूत करनी होती हैं, अपने पैरों पर खड़ा होना होता है और फिर दुनिया को दिखाना होता है कि हमने खुद अपनी राह बनाई है।

दुनिया चाहे कितनी भी कठिनाई से भरी हो, यदि हम खुद पर विश्वास रखें, तो कोई भी रुकावट हमें हमारी मंजिल तक पहुंचने से रोक नहीं सकती। इसलिए, "खुद के कदमों पर जीतों, दुनिया" – जब आप अपने आत्मविश्वास से कदम बढ़ाते हैं, तो पूरा जहां आपके साथ होता है।

*By Ms. Rachana Sarjerao Chandanshive (TY, ME)*

## **"डिजिटल भारत"**

आज के समय में तकनीकी विकास और इंटरनेट का प्रभाव हमारे जीवन में गहरे तक समाहित हो चुका है। "डिजिटल भारत" एक ऐसी पहल है, जो भारत को एक डिजिटल शक्ति के रूप में विकसित करने की दिशा में उठाया गया कदम है। इस योजना का उद्देश्य देश के हर कोने में डिजिटल सुविधाओं का प्रसार करना है, ताकि हर नागरिक तक यह सुविधाएं पहुंच सकें और वे डिजिटल रूप से सशक्त हो सकें।

## **डिजिटल भारत की विशेषताएँ**

- ई-गवर्नेंस (E-Governance):** डिजिटल भारत के तहत सरकारी सेवाओं को ऑनलाइन लाकर नागरिकों को उनके घर बैठे सुविधाएँ प्रदान की जाती हैं। इससे सरकारी कार्यों में पारदर्शिता आई है और लोगों को सरकारी सेवाओं का लाभ बिना किसी कठिनाई के मिल पा रहा है।
- इंटरनेट की पहुँच:** भारत के दूरदराज क्षेत्रों तक इंटरनेट की पहुँच सुनिश्चित करना भी डिजिटल भारत का एक महत्वपूर्ण उद्देश्य है। इंटरनेट के जरिए शिक्षा, स्वास्थ्य, व्यापार और सरकारी योजनाओं की जानकारी लोगों तक आसानी से पहुँचाई जा रही है।
- आधार कार्ड और डिजिटलीकरण:** आधार कार्ड को डिजिटल पहचान के रूप में प्रयोग किया जा रहा है, जो लोगों को सरकारी योजनाओं का सही लाभ दिलवाता है। इसके साथ ही, बैंकिंग, राशन, और अन्य सरकारी सेवाओं को भी डिजिटल प्लेटफॉर्म पर लाया गया है।

4. **स्टार्टअप्स और डिजिटल व्यवसाय:** डिजिटल भारत की वजह से भारतीय स्टार्टअप्स और डिजिटल व्यवसायों को बढ़ावा मिल रहा है। छोटे व्यवसायी अब अपनी सेवाओं को ऑनलाइन प्लेटफार्मों के माध्यम से ज्यादा लोगों तक पहुँचाने में सक्षम हो रहे हैं।
5. **डिजिटल शिक्षा:** डिजिटल भारत के चलते शिक्षा के क्षेत्र में भी बदलाव आया है। ऑनलाइन क्लासेस, डिजिटल लाइब्रेरी और ई-लर्निंग के माध्यम से छात्रों को शिक्षा प्राप्त करना आसान हो गया है, खासकर ग्रामीण और दूर-दराज के क्षेत्रों में।

### डिजिटल भारत का भविष्य

डिजिटल भारत की इस पहल का भविष्य काफी उज्ज्वल है। जैसे-जैसे नई तकनीकों का उपयोग बढ़ेगा, वैसे-वैसे भारत और अधिक डिजिटल रूप से सशक्त होगा। यह न केवल भारत के विकास में सहायक होगा, बल्कि इसे वैश्विक मंच पर एक प्रमुख डिजिटल शक्ति के रूप में स्थापित करेगा।

### निष्कर्ष

"डिजिटल भारत" सिर्फ एक योजना नहीं, बल्कि एक सोच है, जो देश को भविष्य के डिजिटल युग में अग्रणी बनाना चाहती है। अगर हम सभी इसका सही इस्तेमाल करें, तो यह न केवल हमारी जिंदगी को सरल बनाएगा, बल्कि भारत को डिजिटल क्रांति में एक नई पहचान भी दिलाएगा।

*By Mr. Anant Hanumant Shende (TY, IF)*

### समय का महत्व

समय दुनिया का सबसे मूल्यवान संसाधन है। यह कभी भी रुकता नहीं है, चाहे हम उसे चाहें या न चाहें। हर व्यक्ति के पास 24 घंटे होते हैं, लेकिन यह इस बात पर निर्भर करता है कि हम उन 24 घंटों का उपयोग कैसे करते हैं। समय का महत्व केवल इस तथ्य से ही स्पष्ट हो जाता है कि यह एक बार गुजर जाने के बाद फिर कभी वापस नहीं आता। इसलिए, हमें अपने समय का सही और प्रभावी तरीके से उपयोग करना चाहिए।

### समय की सही पहचान

समय का महत्व समझने के लिए हमें यह जानना आवश्यक है कि समय पर निर्भर बहुत सी चीजें होती हैं। हमारी सफलता, हमारे लक्ष्य, हमारे रिश्ते, और हमारी मानसिक शांति सभी समय के सही उपयोग पर निर्भर करते हैं। जो लोग समय की कद्र नहीं करते, वे अक्सर अपने जीवन में निराशा और पछतावे का सामना करते हैं। समय का उपयोग जितना कुशलता से किया जाए, जीवन उतना ही समृद्ध और संतुलित होता है।

### समय का सदुपयोग

1. **कार्य में प्राथमिकता तय करें:** हर व्यक्ति के पास कामों की लंबी सूची होती है। परंतु, समय का सही इस्तेमाल करने के लिए हमें यह जरूरी है कि हम अपनी प्राथमिकताओं को समझें और पहले महत्वपूर्ण कामों को करें। इसके लिए एक कार्यसूची बनाना और समय का सही बंटवारा करना अत्यंत आवश्यक है।
2. **आलस्य से बचें:** समय की बर्बादी सबसे बड़ी समस्या आलस्य और विलंबता (Procrastination) है। जब हम काम को टालते रहते हैं, तो समय निकल जाता है और हम कुछ भी हासिल नहीं कर पाते। इसलिए हमें आलस्य को दूर करके समय का पूरी तरह से उपयोग करना चाहिए।
3. **स्वस्थ दिनचर्या अपनाएं:** समय का सही उपयोग करने के लिए जरूरी है कि हमारी दिनचर्या स्वस्थ और व्यवस्थित हो। समय पर सोना, समय पर जागना, और अपनी दिनचर्या को अच्छे से प्लान करना जीवन को सही दिशा में ले जाने में मदद करता है।

### समय का महत्व समाज में

समय का महत्व केवल व्यक्तिगत जीवन में ही नहीं, बल्कि समाज और राष्ट्र के लिए भी अत्यंत महत्वपूर्ण है। एक राष्ट्र तभी उन्नति कर सकता है, जब उसके नागरिक समय का सही उपयोग करें। समय के प्रति जागरूकता और अनुशासन से हम न केवल अपनी व्यक्तिगत उपलब्धियाँ बढ़ा सकते हैं, बल्कि राष्ट्र की प्रगति में भी योगदान दे सकते हैं।

*By Ms. Switi Satyawan Mane (SY, IF)*



**कुछ मजेदार हिंदी चुटकुले**

• **टीचर** – मुहावरों का क्या मतलब होता है?

**बच्चा** – जैसे "गुस्से में भस्म हो जाना"।

**टीचर** – इसका क्या मतलब?

**बच्चा** – मतलब पंखा चला दो, गर्मी से बुरा हाल हो जाता है।

• **पति** – जानू, तुम्हें मेरा कौन सा गुण सबसे अच्छा लगता है?

**पत्नी** – तुम्हारा सबसे अच्छा गुण तो यह है कि तुम हमेशा मुझे खुश रखते हो।

**पति** – सच में?

**पत्नी** – हां, तुम्हें देखकर मैं हमेशा खुश रहती हूं, क्योंकि तुम जितने खूबसूरत हो, मैं कभी भी तुम्हारे साथ नहीं रह सकती।

• **एक आदमी डॉक्टर के पास गया**

आदमी – डॉक्टर साहब, मुझे भूलने की बीमारी हो गई है।

डॉक्टर – कब से?

आदमी – कब से क्या?

• **टीचर** – तुम स्कूल क्यों नहीं आए थे?

छात्र – सर, मम्मी ने कहा था कि स्कूल जाना है, लेकिन मुझे भूल गई।

टीचर – तुम तो बड़े हो गए हो, तुम्हें मम्मी की मदद की जरूरत नहीं।

छात्र – सर, मम्मी कहती हैं कि मैं कोई मदद करने के लिए नहीं हूं, फिर मुझे स्कूल भेज दिया।

• **राजू** – यार, मैंने अपना नाम Google में सर्च किया, तो सारा दिन खराब हो गया!

**पप्पू** – क्यों?

**राजू** – सर्च रिजल्ट में लिखा था "Are you sure you meant 'Looser'?"

*By Ms. Vidya Somnath Gangurde (TY, CE)*

### महामारी का दौर

महामारी का दौर मानव इतिहास में कई बार आया है, और हर बार इसने समाज, स्वास्थ्य व्यवस्था और जीवन की सामान्य धारा को गहरे तरीके से प्रभावित किया है। महामारी का मतलब है एक ऐसा संक्रमण जो बड़े पैमाने पर फैलता है और पूरी आबादी को प्रभावित करता है। यह न सिर्फ शारीरिक स्वास्थ्य पर असर डालता है, बल्कि मानसिक और सामाजिक प्रभाव भी उत्पन्न करता है।

### **महामारी के कारण होने वाले प्रभाव**

- स्वास्थ्य संकट:** महामारी की स्थिति में सबसे पहला और सबसे बड़ा असर स्वास्थ्य पर पड़ता है। अस्पतालों में बिस्तरों की कमी, डॉक्टरों और स्वास्थ्य कर्मचारियों की भारी कमी, और दवाओं की आपूर्ति में रुकावट जैसे मुद्दे उत्पन्न होते हैं। इससे हजारों और लाखों लोग अपनी जान गंवा सकते हैं। उदाहरण के तौर पर, COVID-19 महामारी ने पूरी दुनिया में करोड़ों लोगों को संक्रमित किया और लाखों की संख्या में लोग अपनी जान से हाथ धो बैठे।
- आर्थिक संकट:** महामारी का प्रभाव केवल स्वास्थ्य पर ही नहीं, बल्कि आर्थिक स्थिति पर भी पड़ता है। लॉकडाउन, व्यापारिक गतिविधियों का ठप होना, उद्योगों का बंद होना, और बेरोजगारी के बढ़ते आंकड़े आर्थिक संकट की ओर इशारा करते हैं। छोटे व्यवसाय और श्रमिक वर्ग विशेष रूप से प्रभावित होते हैं।
- सामाजिक बदलाव:** महामारी के दौरान, समाज में एक तरह का अलगाव आ जाता है। लोग एक-दूसरे से संपर्क कम करने लगते हैं, सामाजिक दूरी बढ़ जाती है और मानसिक स्वास्थ्य पर भी बुरा असर पड़ता है। घरों में रहने और बाहरी दुनिया से संपर्क न होने से अकेलापन, चिंता और तनाव जैसी समस्याएँ बढ़ती हैं।
- शिक्षा पर असर:** महामारी के दौरान स्कूल और कॉलेज बंद हो गए थे, जिससे बच्चों और युवाओं की शिक्षा प्रभावित हुई। ऑनलाइन शिक्षा एक विकल्प के रूप में सामने आई, लेकिन सभी के पास इसके लिए सुविधाएँ नहीं थीं, जिससे शिक्षा में असमानता बढ़ी।

### **महामारी से सीख**

महामारी हमें यह सिखाती है कि हमें स्वास्थ्य, सुरक्षा और जीवन की अनिश्चितता को गंभीरता से लेना चाहिए। हमें अपने शरीर की प्रतिरोधक क्षमता को मजबूत करने के लिए स्वस्थ जीवनशैली अपनानी चाहिए। इसके अलावा, समाज में एकजुटता और सहयोग की भावना को बढ़ावा देना चाहिए, क्योंकि एकजुट होकर ही हम किसी भी महामारी का मुकाबला कर सकते हैं।

*By Mr. Rohit Anna Jadhav (TY, CE)*

## खूबसूरत यादें

जिंदगी की राहों में कुछ पल ऐसे होते हैं,  
जो दिल में बस जाते हैं, कभी खोते नहीं।  
खूबसूरत यादें, मन में बसी रहती हैं,  
जैसे रेत पर छापें, जो मिटती नहीं।

सपनों जैसी हंसी, आँखों में चमक,  
वो बातें, वो पल, जो दिल से जुड़ते थे।  
हमेशा साथ रहते हैं, दिल में प्यार की सौगात,  
यादों की मीठी मिठास कभी कम होती नहीं।

कभी सर्दियों की धूप में ताजगी सी होती थी,  
कभी गर्मियों की छांव में ठंडक सी मिलती थी।  
हर मुस्कान में छुपी थी, एक नई उम्मीद,  
यादों में बसी थी वो जोड़ी जो कभी टूटती नहीं।

वो दोस्ती के वादे, वो पहली मुलाकात,  
जो दिल में हमेशा रहती है, कभी नहीं जाती साथ।  
इन यादों के सहारे हम जीते हैं आज भी,  
खूबसूरत वो पल, जो कभी नहीं भूले जाते।

हर याद एक किताब की तरह होती है,  
जिसमें हम पल-पल जीते हैं।  
जिंदगी के रास्ते पर जो बीत चुके थे,  
वो खूबसूरत यादें हमेशा हमारे साथ चलती हैं।

*By Ms. Sanika Wagh (SY, EJ)*



## **मेरी माटी, मेरा देश**

मेरी माटी, मेरा देश, मेरी पहचान और मेरा गौरव है। इस माटी की महक, इसकी मिट्टी की ताकत, और इसके लोगों का संघर्ष मुझे प्रेरित करता है। यह वही माटी है, जिस पर हमारे पूर्वजों ने अनगिनत संघर्ष किए, बलिदान दिए और अपने हक के लिए आवाज़ उठाई। यही माटी हमें अपने स्वाभिमान और स्वतंत्रता का अहसास कराती है।

### **माटी की महक**

हमारी माटी का स्वाद और इसकी खुशबू हमारे दिलों में गहरी छाप छोड़ जाती है। हर गांव, हर कस्बा, हर शहर की मिट्टी में एक अलग पहचान और संस्कृति की झलक मिलती है। यहाँ की ज़मीन ने महान योद्धाओं, शहीदों और देशभक्तों को जन्म दिया है, जिन्होंने अपने देश की स्वतंत्रता के लिए अपने प्राणों की आहुति दी। यह वही माटी है, जिसने महात्मा गांधी, भगत सिंह, सुभाष चंद्र बोस जैसे महान नेताओं को जन्म दिया, जिन्होंने हमें देश के लिए बलिदान देने की प्रेरणा दी।

### **देश का हर कोना अद्वितीय है**

भारत एक विविधतापूर्ण देश है, और इसकी माटी भी विविधतापूर्ण है। कहीं रेगिस्तान की माटी है, तो कहीं हरी-भरी खेतों की। कहीं समुद्र के किनारे की मिट्टी है, तो कहीं पहाड़ों की ठंडी और शांति से भरी हुई माटी है। लेकिन इन सभी अलग-अलग स्थानों की माटी में एकता है, जो हमें जोड़े रखती है। यही हमारी संस्कृति, परंपराएँ और हमारा देश है।

### **देश का गौरव**

हमारी माटी केवल मिट्टी नहीं है, यह हमारी अस्मिता है। इसे सँजोना, इसे सम्मान देना और इसके प्रति प्रेम और निष्ठा दिखाना हमारा कर्तव्य है। जब हम अपनी माटी को सम्मान देते हैं, तो हम अपने देश को सम्मान देते हैं। हमारी मातृभूमि के लिए किए गए प्रत्येक छोटे-बड़े प्रयास देश को सशक्त बनाते हैं। हम जितना अपने देश से प्यार करेंगे, उतना ही देश की प्रगति में योगदान कर सकते हैं।

### **स्वतंत्रता का मूल्य**

हमारे लिए यह माटी और देश न केवल एक भूमि है, बल्कि यह हमारी स्वतंत्रता की धरोहर है। हमारे पूर्वजों ने अपने जीवन की कीमत पर हमें स्वतंत्रता दी है। आज़ादी का सही मूल्य समझते हुए हमें अपने कर्तव्यों का पालन करना चाहिए, ताकि यह स्वतंत्रता हमेशा बनी रहे।

## **English Section**

- **Pollution Due to Urbanization**

Urbanization, the process of increasing population in urban areas, has drastically transformed the landscape of our cities. While urbanization brings economic growth, infrastructure development, and technological advancements, it also leads to significant environmental challenges, with pollution being one of the most concerning consequences. The rapid expansion of cities and the increasing concentration of people, industries, and vehicles have resulted in heightened pollution levels that threaten both the environment and human health.

### **Impact of Pollution on Health and Environment:**

- **Human Health:**

The consequences of pollution on human health are severe. Prolonged exposure to air pollution can lead to chronic respiratory diseases like asthma and bronchitis, as well as cardiovascular diseases. Water pollution can cause gastrointestinal infections, cholera, and other waterborne diseases. Noise pollution has been linked to mental health issues, including stress, anxiety, and sleep deprivation. Moreover, the accumulation of waste in urban areas can contribute to the spread of diseases and health hazards.

- **Environmental Damage:**

Pollution due to urbanization also has long-term effects on the environment. Air pollution contributes to global warming by increasing greenhouse gases, while water pollution destroys aquatic ecosystems and biodiversity. Soil contamination due to waste accumulation affects agriculture, leading to reduced crop yields. Additionally, noise pollution disrupts animal habitats, and light pollution alters ecosystems, particularly for species that depend on natural cycles of day and night.

### **Solutions to Combat Pollution Due to Urbanization:**

1. **Sustainable Urban Planning:**

Cities should adopt sustainable urban planning practices that incorporate green spaces, efficient waste management systems, and eco-friendly transportation options. Encouraging the development of green buildings, renewable energy sources, and eco-friendly infrastructure can significantly reduce pollution levels.

2. **Promotion of Public Transport:**

Reducing the number of private vehicles on the road and promoting the use of public transportation can help mitigate air pollution. Cities can invest in efficient and affordable public transport systems, such as buses, trains, and subways, which would reduce the reliance on cars and minimize traffic-related pollution.

3. **Waste Management and Recycling:**

Implementing effective waste management and recycling systems is essential in reducing solid waste pollution. Cities should encourage recycling programs, composting, and waste-to-energy technologies to minimize the environmental impact of waste.

4. **Regulating Industrial Emissions:**

Governments should enforce stricter regulations on industrial emissions and ensure that industries adopt cleaner technologies. This can help reduce the amount of harmful gases released into the air, improving air quality and minimizing health risks.

5. **Awareness and Education:**

Public awareness campaigns about the consequences of pollution and the importance of adopting eco-friendly practices can encourage individuals to take action. Educating citizens on the significance of waste segregation, water conservation, and energy efficiency can contribute to reducing pollution levels.

## **Feminism: A Struggle for Equality**

Feminism is a movement and ideology that advocates for the rights and equality of women in all spheres of life, including social, political, economic, and cultural domains. It aims to challenge and dismantle patriarchal systems that perpetuate gender-based inequalities and to promote the idea that both men and women should have equal access to opportunities and rights.

### **Key Principles of Feminism:**

1. **Gender Equality:**

The core principle of feminism is the belief in gender equality, which asserts that both men and women should have equal rights and opportunities. Feminism challenges the traditional norms that place women in subordinate roles, particularly in patriarchal societies where women have historically been marginalized and denied basic human rights.

2. **Empowerment of Women:**

Feminism seeks to empower women to take control of their lives, bodies, and decisions. This includes advocating for women's right to make choices in matters like education, employment, marriage, reproduction, and more. Empowerment also means supporting women to have a voice in decision-making at all levels of society.

3. **Reproductive Rights:**

Feminists strongly support a woman's right to make decisions about her own body, especially in terms of reproduction. This includes the right to access contraception, safe abortion, and healthcare services that protect women's reproductive health. Reproductive rights are seen as essential for achieving gender equality, allowing women to have autonomy over their own lives.

4. **Social, Political, and Economic Justice:**

Feminism also addresses systemic inequalities in the social, political, and economic spheres. This involves advocating for equal pay for equal work, fighting against workplace discrimination, increasing female representation in politics, and working toward eliminating gender-based violence such as domestic abuse and sexual harassment.

### **Feminism's Impact on Society:**

Feminism has had a profound impact on society, leading to many positive changes for women worldwide. Some key advancements include:

- **Women's Suffrage:** The right to vote for women was one of the earliest successes of the feminist movement, achieved through years of struggle and activism.
- **Educational Opportunities:** Feminists fought for equal access to education for girls and women, allowing women to pursue higher education and professional careers.
- **Workplace Rights:** Feminism has been instrumental in advocating for equal pay, better working conditions, maternity leave, and anti-discrimination laws.
- **Reproductive Rights:** Feminism has helped secure access to contraceptives, the right to abortion, and better healthcare for women.
- **Legal Reforms:** Many feminist movements have led to significant legal changes, including laws against domestic violence, sexual harassment, and gender-based violence.

### **Challenges and Misconceptions:**



While feminism has achieved a lot, there are still numerous challenges that need to be addressed. Women in many parts of the world continue to face discrimination, gender-based violence, and limited access to opportunities. Additionally, feminism often faces criticism and misconceptions. Some people mistakenly believe that feminism is anti-men or that it is no longer needed in modern society. In reality, feminism is about equality and justice for all genders, and it recognizes that gender equality benefits everyone.

*BY Ms. Shubhangi Jadhav (SY, EJ)*

## **You & I**

You and I, a simple phrase,  
Yet it holds a world in its gaze.  
A bond so deep, so pure, so true,  
In this vast world, just me and you.

Through every storm, we stand as one,  
When the clouds are thick, and the rain has spun.  
Hand in hand, we'll face the fight,  
Together, we'll chase the fading light.

You and I, with hearts so wide,  
In each other, we confide.  
Through laughter, tears, and silent nights,  
We find our way, even out of sight.

In every whisper, every sigh,  
There's a promise, just you and I.  
No distance too far, no dream too high,  
Together, we soar, you and I.

So here we stand, side by side,  
In this journey, with love as our guide.  
No matter what, through thick or thin,  
You and I, we always win.

For in this world, so vast, so wide,  
There's no greater joy than you by my side.  
You and I, forever true,  
In this life, and in the next too.

*By Mr. Sandesh Pandhare (SY, EJ)*

## **Artificial Intelligence (AI)**

Artificial Intelligence, often referred to as AI, is the field of computer science that focuses on creating machines and systems capable of performing tasks that normally require human intelligence. This includes tasks such as learning, reasoning, problem-solving, language understanding, and perception. AI is not just about creating robots that mimic human behavior; it also involves creating algorithms and models that can analyze data, recognize patterns, make decisions, and improve over time.

### **Types of Artificial Intelligence**

1. **Narrow AI (Weak AI):**  
Narrow AI refers to AI systems that are designed to perform a specific task. These systems are highly effective in their area of operation but lack the ability to perform tasks beyond their programmed scope. Examples of Narrow AI include virtual assistants like Siri and Alexa, recommendation systems on streaming platforms like Netflix, and self-driving cars.
2. **General AI (Strong AI):**  
General AI is the type of AI that has the potential to perform any intellectual task that a human can do. It possesses the ability to understand, learn, and apply knowledge across a wide range of tasks. This type of AI, which we see in science fiction movies, does not yet exist, but researchers are working towards developing machines that exhibit human-like intelligence.
3. **Superintelligent AI:**  
Superintelligent AI refers to a future hypothetical form of AI that surpasses human intelligence across all fields. It would outperform the best human minds in every area, including creativity, problem-solving, decision-making, and even social intelligence. While this is a concept that is yet to be realized, it raises important ethical and safety concerns about how such powerful AI could affect humanity.

### **Key Components of AI**

1. **Machine Learning (ML):**  
Machine learning is a subset of AI that focuses on creating algorithms that allow machines to learn from data and improve over time without explicit programming. In ML, models are trained using large datasets, and they can identify patterns and make predictions based on that data. For example, spam filters in email applications are built using machine learning algorithms.
2. **Natural Language Processing (NLP):**  
NLP is a branch of AI that deals with the interaction between computers and human languages. It enables machines to understand, interpret, and respond to human language in a way that is both meaningful and natural. Virtual assistants like Siri and chatbots are powered by NLP, which allows them to understand and process human speech.
3. **Computer Vision:**  
Computer vision is another subset of AI that enables machines to interpret and understand the visual world. By processing images or video feeds, computer vision allows AI systems to recognize objects, faces, and even emotions. Applications of computer vision include facial recognition software, medical imaging, and autonomous vehicles.
4. **Robotics:**  
Robotics is closely linked to AI as it involves the development of robots that can perform tasks autonomously. AI allows robots to adapt to their environments, make decisions, and

complete complex tasks without human intervention. Robots powered by AI are being used in manufacturing, healthcare, and even space exploration.

### Applications of Artificial Intelligence

1. **Healthcare:**

AI is revolutionizing healthcare by improving diagnostics, personalizing treatment plans, and enabling quicker decision-making. AI-powered systems can analyze medical images to detect diseases like cancer, predict patient outcomes, and suggest the most effective treatments.

2. **Autonomous Vehicles:**

Self-driving cars are one of the most significant examples of AI in the real world. By combining AI with sensors and machine learning, autonomous vehicles can navigate roads, avoid obstacles, and make driving decisions without human input.

3. **Customer Service and Chatbots:**

AI-powered chatbots and virtual assistants are increasingly being used by companies to handle customer queries, automate responses, and provide 24/7 support. These systems use NLP and machine learning to understand customer needs and offer relevant solutions.

4. **Finance and Banking:**

In finance, AI is used for fraud detection, risk assessment, and algorithmic trading. Machine learning algorithms can analyze large volumes of financial data and identify patterns that can help banks and financial institutions make smarter decisions.

5. **Entertainment and Media:**

AI is transforming the entertainment industry by providing personalized recommendations for movies, music, and shows. Streaming platforms like Netflix and Spotify use AI to analyze user preferences and suggest content that users are likely to enjoy.

6. **Manufacturing:**

In manufacturing, AI-driven automation and robotics are being used to streamline production lines, monitor machinery, and optimize supply chains. These technologies lead to improved efficiency, reduced costs, and higher-quality products.

### Challenges and Ethical Considerations

While AI has enormous potential, there are several challenges and ethical concerns that need to be addressed:

1. **Bias and Fairness:**

AI systems are only as good as the data they are trained on. If the data used to train AI models is biased, the resulting AI systems can perpetuate and even amplify those biases. This is particularly concerning in areas such as hiring, law enforcement, and healthcare, where biased AI can lead to unfair outcomes.

2. **Privacy:**

AI systems often require access to large amounts of data to function effectively. This raises concerns about the privacy and security of personal information, especially when AI is used in surveillance, healthcare, or financial services.

3. **Job Displacement:**

As AI automates more tasks, there is growing concern about the potential for job displacement. While AI can create new jobs in technology and innovation sectors, it may also lead to unemployment in industries where automation can replace human labor.

4. **Safety and Control:**

As AI systems become more advanced, the possibility of unintended consequences increases. Ensuring that AI operates safely and is under human control is critical, particularly in high-risk areas like autonomous weapons or critical infrastructure.

## **The Future of AI**

The future of AI holds tremendous promise. In the coming decades, we may witness AI systems that are capable of solving complex problems like climate change, disease eradication, and space exploration. However, it is crucial that as AI technology advances, society works to establish regulations, ethical standards, and safety protocols to ensure that AI benefits everyone and does not lead to unintended harm.

In conclusion, Artificial Intelligence is transforming the world as we know it, offering countless possibilities for innovation and improvement. Yet, it also presents challenges that require careful consideration and responsible development to ensure that AI serves humanity in a positive and fair way.

*By Mr. Shubham Gend (TY, EJ)*

## **Gratitude for Teachers**

Teachers are the unsung heroes who shape the future of individuals and society. Their contribution goes beyond imparting knowledge; they guide, inspire, and nurture the potential in every student. Today, I want to express my heartfelt gratitude to all teachers who have played a pivotal role in my life and in the lives of countless others.

### **A Teacher's Impact**

Teachers are the architects of the future. They shape minds, inspire creativity, and instill values that last a lifetime. They are not just educators, but mentors, role models, and sometimes even friends. Every lesson they teach, whether it's in a classroom or through everyday interactions, builds the foundation for the growth and success of students.

A good teacher doesn't just teach what's in the textbooks; they teach life skills, critical thinking, and problem-solving. They encourage us to ask questions, challenge the status quo, and believe in ourselves. Their words often become the inner voice that drives us to strive for excellence.

### **The Power of Encouragement**

One of the most significant ways teachers influence students is through encouragement. Sometimes, all a student needs is a word of affirmation or a little push to believe in their abilities. Teachers are there to offer that support, especially when the road seems uncertain. A simple "I believe in you" can go a long way in motivating students to overcome challenges and achieve their dreams.

### **Patience and Dedication**

Teaching is a profession that requires immense patience and dedication. Teachers invest not only their time but also their energy and heart in the success of their students. They go above and beyond to ensure that each student understands and grows. Whether it's staying after class to clarify doubts or spending extra hours preparing lessons, teachers' commitment often goes unnoticed. Yet, it is these actions that make a lasting impact on the lives of their students.

### **Gratitude for Their Selflessness**

Teachers work tirelessly, often without the recognition or reward they deserve. Yet, their passion for educating, guiding, and nurturing never fades. They give selflessly, molding the minds of future generations while shaping a better, more informed society. Their hard work, dedication, and



sacrifices often remain underappreciated, but they continue to serve as pillars of strength for their students.

### **A Teacher's Legacy**

The legacy of a teacher is not measured by the grades or test scores their students achieve but by the lives they touch and the values they instill. A teacher's influence lasts far beyond the walls of the classroom, impacting the way students approach life, interact with others, and contribute to society.

### **Conclusion**

To all the teachers out there, thank you. Your tireless efforts, passion for teaching, and unwavering belief in your students make the world a better place. You inspire not just through words, but through actions. Your impact is immeasurable, and your contribution is invaluable. We are who we are because of you. Gratitude for teachers is not just for a day, but for every moment they have invested in shaping our lives.

*By Mr. Ganesh Kashiling Sarak (TY, CE)*

- **Life is a Gift**

Life, in its simplest form, is a precious gift—a gift that often goes unnoticed amidst the hustle and bustle of our daily routines. We are constantly running after goals, facing challenges, and striving for success. Yet, it's important to pause and reflect on the beauty of simply being alive. Life is not just about achieving milestones or accumulating wealth; it's about the moments we experience, the people we meet, and the lessons we learn along the way.

### **The Beauty of Life**

Every day we wake up, we are given a new chance to experience the world around us. The sun rising, the birds singing, the breeze on our face—these are simple wonders that remind us of life's beauty. We often take these moments for granted, but they are part of the extraordinary gift that is life. The ability to feel joy, to love, to learn, and to grow is something truly special. Life, with all its ups and downs, is full of opportunities to discover new things, not just about the world, but about ourselves.

### **Appreciating the Present**

It's easy to get caught up in thinking about the future or reflecting on the past. We often worry about what's next or what we could have done differently. But life is a gift that can only be fully appreciated when we embrace the present. The moments we live today are fleeting, and once they're gone, they're gone forever. So, it's important to make the most of every moment—whether it's a moment of quiet reflection, time spent with loved ones, or even a simple act of kindness to a stranger. These moments make life meaningful.

### **Challenges as Part of the Gift**

Even though life is a gift, it doesn't always come wrapped in happiness and ease. There are challenges, struggles, and hardships that we must face. But rather than viewing these obstacles as burdens, we can see them as part of the gift. Every challenge offers us the opportunity to learn, grow, and become stronger. The difficult times teach us resilience, patience, and empathy—qualities that make us more compassionate and understanding human beings.

### **Cherishing Relationships**

One of the most beautiful aspects of life is the relationships we build. Whether it's family, friends, or even acquaintances, the connections we make with others are what make life truly special. These relationships are the treasures we carry with us, and the love, laughter, and support we share with those around us are what give our lives meaning. To love and be loved in return is a gift that cannot be measured.

### **Gratitude and Perspective**

Gratitude is the key to appreciating the gift of life. When we adopt a mindset of thankfulness, we begin to see life through a different lens. We stop focusing on what we don't have and start appreciating what we do. Whether it's our health, our experiences, or the simple moments of peace, being grateful reminds us of how truly blessed we are to be alive.

*By Mr. Vishwajeet Rajendra Waghmare (TY, CE)*

- **The Future of Work**

The future of work is rapidly evolving, shaped by technological advancements, shifting societal expectations, and global challenges. As automation, artificial intelligence (AI), and digital platforms continue to transform industries, the way we work, where we work, and even the kinds of jobs available to us are undergoing significant changes. This shift presents both exciting opportunities and complex challenges for individuals, organizations, and societies.

#### Technological Advancements and Automation

One of the most significant factors influencing the future of work is the rise of automation and artificial intelligence. Machines and AI systems are now capable of performing tasks that were once exclusive to humans, such as data analysis, customer service, and even creative processes like writing and designing.

- **Automation** is expected to replace many routine, repetitive jobs in sectors like manufacturing, logistics, and administration. For example, self-driving vehicles could replace truck drivers, and chatbots might handle customer support queries. However, while automation may lead to job displacement in some industries, it can also create new roles in areas like AI maintenance, programming, and data analysis.
- **Artificial Intelligence and Machine Learning** are enabling more personalized, data-driven services. From healthcare to finance, AI can process vast amounts of data, make predictions, and automate decision-making. This not only improves efficiency but also opens up new opportunities for jobs that involve working alongside intelligent systems.

#### Remote and Hybrid Work

The COVID-19 pandemic accelerated the shift to remote work, and even as restrictions lift, many businesses have adopted permanent remote or hybrid work models. This change has redefined the traditional office space and has had profound implications on how we collaborate, communicate, and balance work and life.

- **Remote Work:** With tools like Zoom, Slack, and Microsoft Teams, many employees can work from anywhere, making work-life balance more flexible. Remote work has also expanded opportunities for talent acquisition, allowing companies to hire the best talent globally, regardless of geographical location.
- **Hybrid Work:** Many organizations are adopting hybrid models, where employees split their time between working remotely and in-office. This offers flexibility while maintaining some level of face-to-face collaboration and team building. The hybrid model could become the standard as companies balance flexibility with the need for in-person interactions.

### Gig Economy and Freelance Work

The gig economy—characterized by short-term contracts, freelance work, and temporary jobs—is growing rapidly. More people are opting for freelance or contract work rather than traditional full-time employment, enabled by digital platforms such as Upwork, Fiverr, and Uber.

- **Gig and Freelance Work:** The flexibility to choose work hours, projects, and clients has appealed to many, particularly younger generations. Gig workers are often empowered by technology to manage their own schedules, set their rates, and work remotely. However, gig work also raises concerns regarding job security, benefits, and income stability, prompting calls for new labor laws to better protect gig workers.
- **Entrepreneurship:** The rise of digital platforms has also lowered barriers to entrepreneurship. Many individuals are starting small businesses, online stores, or service-based platforms with minimal upfront costs. As a result, more people can become independent creators, offering products or services directly to consumers.

### Skill Development and Lifelong Learning

The changing nature of work places an increasing emphasis on continuous learning and skill development. As technology continues to evolve, workers will need to adapt to new tools, systems, and processes, requiring ongoing education and training.

- **Upskilling and Reskilling:** Workers will need to learn new skills to stay relevant in an increasingly automated world. Many organizations are investing in upskilling programs to help employees transition into more complex, technology-driven roles. Online learning platforms like Coursera, edX, and LinkedIn Learning are making education more accessible to individuals seeking to update their skills.
- **Lifelong Learning:** The future of work will require a shift in how we view education. Instead of one-time, formal education, workers will need to engage in lifelong learning to keep up with technological advancements. This could mean taking online courses, attending workshops, or gaining certifications to remain competitive in the job market.

### Diversity, Equity, and Inclusion

As the workforce becomes more global and diverse, there is a growing emphasis on creating inclusive workplaces. Companies are recognizing the importance of diversity in driving innovation, creativity, and better business outcomes.

- **Inclusive Workplaces:** The future of work will see more organizations prioritizing diversity, equity, and inclusion (DEI) efforts. This involves not only hiring diverse talent but also ensuring equal opportunities for career advancement, fair compensation, and a supportive environment for all employees.
- **Global Talent Pool:** With remote work becoming more prevalent, organizations have the ability to hire from a broader, more diverse global talent pool. This not only helps to bring in different perspectives but also fosters a more inclusive and dynamic work environment.

### The Human-Machine Collaboration

As AI and automation continue to advance, the role of human workers will shift. Rather than replacing humans, AI and machines are more likely to augment human capabilities. This means that humans will work alongside AI, leveraging their creativity, emotional intelligence, and complex problem-solving skills to complement the strengths of machines.

- **Collaboration, Not Replacement:** In fields like healthcare, education, and customer service, AI can handle routine tasks, leaving humans to focus on more complex, interpersonal aspects of their jobs. For example, AI can assist doctors in diagnosing conditions, but it is still the doctor's empathy and human understanding that plays a crucial role in patient care.
- **AI as a Tool:** In many industries, AI will serve as a powerful tool to help workers perform their jobs more efficiently. By automating mundane tasks, AI allows humans to focus on higher-level thinking, creativity, and strategy. In this sense, AI can be a partner rather than a competitor.

### Workplace Well-Being and Mental Health

As the future of work continues to evolve, employee well-being will take center stage. With the rise of remote and hybrid work models, there's a growing recognition of the need to prioritize mental health and work-life balance.

*By Ms. Gouri Shahaji Chavan (TY, IF)*



- **5G technology in India**

It is an exciting development, as it promises to bring faster internet speeds, lower latency, and enhanced connectivity, which will revolutionize industries and daily life. The roll-out of 5G in India began in 2022, with major telecom operators like Jio, Airtel, and Vodafone Idea testing and launching 5G services in select cities.

Some key points about 5G in India:

1. **Improved Speeds:** 5G is expected to offer speeds up to 10 times faster than 4G, allowing for smoother video streaming, faster downloads, and seamless online gaming.
2. **Low Latency:** With a significant reduction in latency (the time it takes for data to travel between two points), 5G will enhance real-time communication and applications like telemedicine, smart cities, and autonomous vehicles.
3. **Boost to Industries:** Industries like healthcare, education, manufacturing, and entertainment will be transformed through the Internet of Things (IoT), augmented reality (AR), and virtual reality (VR) applications.
4. **Infrastructure Expansion:** The deployment of 5G requires robust infrastructure, and it's expected to take time for the complete rollout across rural and remote areas. While major urban centers have seen some coverage, more work is required to ensure nationwide access.
5. **Economic Growth:** 5G is expected to drive economic growth by enabling new technologies and improving efficiency across sectors. India is focusing on becoming a global leader in 5G innovation.
  
6. **Regulatory Challenges:** The rollout faces some challenges like spectrum allocation, pricing, and creating policies for a smooth transition from 4G to 5G services.

Overall, 5G could be a game-changer for India, contributing to both digital transformation and the country's position in the global tech landscape. What are your thoughts on 5G's potential impact on India?

*By Mr. Shivam Devanand Karande (TY, IF)*

- **The Future of AI**

The future of AI holds tremendous promise. In the coming decades, we may witness AI systems that are capable of solving complex problems like climate change, disease eradication, and space exploration. However, it is crucial that as AI technology advances, society works to establish regulations, ethical standards, and safety protocols to ensure that AI benefits everyone and does not lead to unintended harm.

In conclusion, Artificial Intelligence is transforming the world as we know it, offering countless possibilities for innovation and improvement. Yet, it also presents challenges that require careful consideration and responsible development to ensure that AI serves humanity in a positive and fair way.

*By Mr. Viraj Manoj Pardeshi (SY, IF)*

- **Precious Gift: Friendship**

A friend is a treasure, rare and true,  
A soul who sees the best in you.  
Through ups and downs, they always stay,  
Lighting the path when skies turn gray.

In laughter shared and moments deep,  
A bond is formed that time can't keep.  
With every word, with every smile,  
They make life brighter, mile by mile.

In silence or in words that speak,  
A friend is there when hope feels weak.  
Their heart a place where trust can grow,  
A steady hand when winds may blow.

Through every storm and gentle breeze,  
A friend brings calm, a sense of ease.  
A precious gift, more rare than gold,  
A friendship that will never fold.

So here's to friends, both near and far,  
Who light our lives like every star.  
A gift so pure, so full of grace,  
In friendship's warmth, we find our place.

*By Ms. Gouri Tanaji Dhanavade (SY, ME)*

- **A Motor Monitoring System**

**It** is a technology solution used to track and analyze the performance of electric motors in real time. It is designed to ensure the optimal operation of motors, reduce downtime, and improve efficiency by detecting potential issues before they lead to failure. These systems are commonly used in industrial settings, where motors power critical machinery, pumps, fans, compressors, and other equipment.

### **Key Components of a Motor Monitoring System:**

1. **Sensors:** These monitor various parameters like vibration, temperature, current, voltage, and speed. Sensors help in detecting abnormal conditions such as overheating, misalignment, or wear and tear in the motor components.
2. **Data Acquisition:** The data collected from sensors is transmitted to a central system for processing. This could be done via wired or wireless communication systems.
3. **Controller/Processor:** The processor analyzes the incoming data to detect any anomalies or deviations from normal operational thresholds. The system then sends alerts if any parameters exceed preset limits.
4. **User Interface:** Typically a software dashboard or application that displays real-time data, historical performance trends, and alerts. Users can view metrics like motor health, energy consumption, and operational efficiency.

5. **Alerts and Notifications:** If the system detects any irregularities (e.g., excessive vibration, high temperature, or voltage fluctuations), it sends alerts to operators, prompting them to take corrective action before a potential motor failure.

### **Benefits of Motor Monitoring Systems:**

1. **Predictive Maintenance:** By continuously monitoring motor conditions, these systems help predict when maintenance is needed, preventing unplanned downtime and reducing the risk of catastrophic failures.
2. **Improved Efficiency:** The system can identify inefficiencies in motor operation, allowing for adjustments that improve energy use and reduce operational costs.
3. **Extended Motor Lifespan:** Continuous monitoring helps detect early signs of wear or damage, allowing for timely repairs or replacements, which can significantly extend the lifespan of the motor.
4. **Reduced Operational Costs:** With better insight into motor performance, companies can optimize maintenance schedules and avoid expensive emergency repairs.
5. **Real-Time Data:** The system provides immediate feedback on the motor's health, which helps operators make informed decisions about when to service or replace equipment.
6. **Remote Monitoring:** Many motor monitoring systems can be accessed remotely, allowing operators to monitor motor health even when they are not on-site.

### **Applications:**

- **Manufacturing:** Motors that drive conveyors, robotics, and production lines benefit from constant monitoring.
- **HVAC Systems:** Motors in air handling units, chillers, and pumps can be monitored to ensure efficiency.
- **Pumps & Compressors:** In water treatment plants, oil refineries, and chemical processing plants, motor monitoring is essential to avoid system failures.
- **Electric Vehicles (EVs):** Monitoring the motors in electric vehicles ensures smooth operation and extends vehicle lifespan.

*Ms. Ankita Balasaheb Rajgude (SY, ME)*

## **Pencil Sketch**



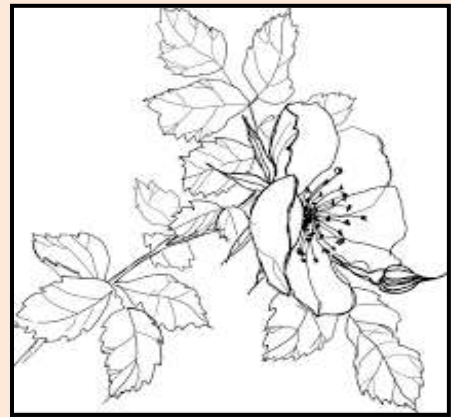
**Miss.Sanika Dattatray Wagh (FY-EJ)**



**Miss.Tanvi Gurunath Shinde (SY-ME)**



**Mr.Samarth Damodar Savanji (TY-CE)**



**Miss.Trupti Anil Chavan (SY-IF)**



## Cultural Event: Swartarang 2023-24







## TPO's Desk

**Prof. Vishal N. Baad**

We invite you to engage with our students through campus recruitment and benefit from the well-prepared and motivated talent pool that Golaghat Engineering College offers. Our TPC is equipped with modern infrastructure to support pre-placement talks, group discussions, and interviews, making your visit productive and enjoyable. We look forward to welcoming you and supporting your recruitment needs.

The Training and Placement cell of New Satara Polytechnic is an integral part of academics. It helps in shaping the careers of our students. The Training & Placement Cell works diligently to provide a workable environment to the students that enables them to understand the requirements of the corporate & industrial world. Its aim is to find an appropriate place for students in the corporate. The Cell continuously explores different areas of opportunities for placement. The Training & Placement Officer maintains liaison with industries for Summer Placement as well as Final Placement of students. The soft skill & personality development workshops help students to polish their communication skills, build confidence; to make students industry fit professionals. We organize guest lectures, industrial visits & are always striving to strengthen Industrial Interface. I express my sincere gratitude to all the organizations that have extended their active co-operation to the T & P Cell in accomplishing its Endeavour successfully. I feel privileged to present our students to your esteemed organizations.

I look forward to your cooperation in the placements of our students.

### \*Training & Placement Cell:

The T&P Cell helps students develop the skills and confidence they need to succeed in their careers

The T&P Cell works to ensure that students have access to job opportunities

The T&P Cell helps students gain real-world experience through

internships and industry interactions

The T&P Cell helps students prepare for the challenges they'll face in the future

The T&P Cell helps students build their networks and make connections with companies

Prof. Vishal Baad

Vice Principal & TPO

Email- baadvishal4877@gmail.com

Contact - 9970020084



## **Training & Placement Activities**

### **▪ Personality Development Sessions**



### **▪ EDP & Training Sessions**



### **▪ Alumni Meet**



- **Placements**
- **Civil Engineering**

Sr.No	Student Name	Enrolment No	Employer Name
1	Rahul Bajirao Sakhare	2115230127	SVCPVT.LtdPnavel
2	Priyanka Bajirao Sakhare	2115230128	SVCPVT.LtdPnavel
3	Rohit Bapu Lokhande	2015230013	SVCPVT.LtdPnavel
4	Akshay Shavaji Rupnar	2115230132	SVCPVT.LtdPnavel

- **Mechanical Engineering**

Sr.No	Student Name	Enrolment No	Employer Name
1	Mr. AtharvNanasoDevkar	2015230097	ZFIndiaPvt.ltd.
2	Mr.YuvrajMukundKhule	2015230098	ZFIndiaPvt.ltd.
3	Mr. ShubhamBhagawatLondhe	2115230162	WirtgenIndiaPvt.ltd.
4	Mr. OmkarHanumantKharat	2115230164	WirtgenIndiaPvt.ltd.
5	Mr. AmolSatyavanMude	2115230169	WirtgenIndiaPvt.ltd.
6	Mr. OmkarVijayLimgire	2115230174	ZFIndiaPvt.ltd.

- **E&TC Engineering**

Sr. No	Student Name	Enrolment No	Employer Name
1	Mr. Rajiv Lokhande	2015230067	Varroc Engineering Ltd., Pune
2	Ms. AshwiniGavali	2015230058	TATA motors , Pune
3	Mr. Vikram Mali-Gaikwad	2015230070	Varroc Engineering Ltd., Pune
4	Ms. ChaureVarsha	1915230058	Varroc Engineering Ltd., Pune



**▪ Computer Engineering**

<b>Sr. No</b>	<b>StudentName</b>	<b>Enrolment No</b>	<b>Employer Name</b>
1	VIVEKSATISHGODASE	2015230021	ProAzureSoftwareSolutio io
2	SANIYA JULFIKAR BATWEGAR	2015230032	ProAzure Software Solutio
3	SALONI SHASHIKANT SARTAPE	2015230025	ProAzure Software Solutio
4	SARIKA ANNASO KUMBHAR	2015230028	Rajavi Technologies
5	UDAYARAJ MACHHINDRADethe	2015230033	Rajavi Technologies
6	GAYATRI RAMRAJE NILKAN	2015230047	Rajavi Technologies
7	ARATI NAVNATH MORE	2015230026	Rajavi Technologies
8	GANESH SUNIL PUJARI	2015230029	Jalgi Technologies Pvt. Ltd
9	ONKAR SHIVAJI RAUT	2015230054	ProAzure Software Solutio
10	DHOPE AMAR BHARAT	2015230038	Rajavi Technologies
11	CHAITANYA SANTOSH PAR	2015230040	Jalgi Technologies Pvt. Ltd
12	ONKAR NITESH KADAM	2015230056	Jalgi Technologies Pvt. Ltd
13	ASHWINI HANUMANT SANTOSH	2015230018	ProAzureSoftware Solutio

**Information Technology**

<b>Sr.No</b>	<b>Student Name</b>	<b>Enrollment NO</b>	<b>Employer Name</b>
<b>1</b>	SAMADHANTANAJIKARANDE	2115230150	KPIT.Pvt.Ltd
<b>2</b>	PRUTHVIRAJHANAMANTPHATE	2115230145	ProAzureSoftwareSolution
<b>3</b>	AMITSANTOSH MASKE	2115230148	ProAzureSoftwareSolution
<b>4</b>	AISHWARYAGOPALDUPADE	2015230082	ProAzureSoftwareSolution
<b>5</b>	SUDARSHANSHIVAJI PISE	2115230151	JalgiTechnologiesPvt.Ltd
<b>6</b>	PRUTHVIRAJMAHADEVSHINDE	2115230146	ProAzureSoftwareSolution

## Our Recruiters



DTE Code : 6725

।। लोगः कर्मसु कौशल्यम् ।।  
न्यू सातारा समुह, मुंबई संचलित

**न्यू सातारा कॉलेज ऑफ इंजिनिअरींग अँड  
मॅनेजमेंट (पॉलिटेक्नीक) कोर्टी, पंढरपूर**

(AICTE व MSBTE मान्यता प्राप्त)



### Our Recruiters Companies-



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FLASH ELECTRONICS (INDIA) PVT. LTD



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Services Pvt. Ltd.



TATA



VAICHAL  
CONSTRUCTIONS PVT. LTD

**ANAND** 



## NSS Activities:





**SPORTS HEAD DESK**



Sports have been always viewed as a way to remain healthy and fit. But it has far reaching benefits beyond this. It has got both physical and physiological benefits. Among the physiological benefits is mental health. Academics is related to the ability of the brain to capture, store and process information. Sports impacts on education are limitless. Being a captain requires skills on how to become a good leader. A sport also helps in reducing stress level. With the help of sports one learns how to talk to other teammates, manage team emotions, take decisions for the team, developing good faith among team members, maintaining the interests of the team members, and so on. These skills together makes

one a successful leader in future. Therefore students at New Satara college of Engineering and Management (Poly.) is always encouraged to participate in many sports events including interclass, inter-diploma and district & state level sports.

With Warm Regards,

Mr. V.M. Kumbhar

Head of Sport Committee

*Spandan : 2023-24*

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## **Sport Committee**

**2023-24**

<b>Sr. No.</b>	<b>Name of The Staff</b>	<b>Designation</b>
<b>01</b>	<b>Mr. V. H. Londhe</b>	<b>Chairman</b>
<b>02</b>	<b>Ms. C. P. Jadhav</b>	<b>Member</b>
<b>03</b>	<b>Mr. P. S. Kulkarni</b>	<b>Member</b>
<b>04</b>	<b>Mr. G. B. Padwalkar (Referee)</b>	<b>Member</b>
<b>05</b>	<b>Ms. S. P. Dhodmise</b>	<b>Member</b>
<b>06</b>	<b>Mr. V. M. Kumbhar</b>	<b>Member Secretary</b>

*Spandan : 2023-24*

## **Annual Sport Event : Ransangram 2023-24**



**IEDSSA: C - Zone Sport  
Winner & Runner up (Boys & Girls)**

<b>Sport Type</b>	<b>Achievement</b>	<b>Name of Student</b>	<b>Level</b>
<b>Discuss Throw</b>	<b>Winner</b>	<b>Ms. Pallavi Pramod Kalel</b>	<b>State</b>
<b>Shot Put</b>	<b>Runner Up</b>	<b>Ms. Mayuri Tukaram Chavan</b>	<b>State</b>
<b>Running (200 Mtr.)</b>	<b>Winner</b>	<b>Ms. Monika Samadhan Lendave</b>	<b>District</b>
<b>Shot Put</b>	<b>Winner</b>	<b>Ms. Gouri Tanaji Dhanawade</b>	<b>District</b>
<b>Javelin Throw</b>	<b>Runner Up</b>	<b>Ms. Gouri Tanaji Dhanawade</b>	<b>District</b>
<b>Badminton</b>	<b>Runner Up</b>	<b>Ms. Sai Sachin Kharat</b>	<b>District</b>
<b>Long Jump</b>	<b>Runner Up</b>	<b>Ms. Pranavi Vitthal Bhosale</b>	<b>District</b>
<b>Kho-Kho</b>	<b>Runner Up</b>	<b>Ms. Sneha Santosh Pawar &amp; Team</b>	<b>District</b>
<b>4X100 Mtr. Relay</b>	<b>Runner Up</b>	<b>Ms. Monika Samadhan Lendave Ms. Sneha Santosh pawar Ms. Pranavi Vitthal Bhosale Ms. Snehal Anil Surve</b>	<b>District</b>
<b>Cricket</b>	<b>Runner Up</b>	<b>Mr. Harsh Anant Potdar (All Rounder) Mr. Karan Nagnath Barle (Batsman) &amp; Team</b>	<b>District</b>
<b>Discus Throw</b>	<b>Runner Up</b>	<b>Mr. Dattaraj Prashant Lavate</b>	<b>District</b>
<b>400 Mtr.</b>	<b>Runner Up</b>	<b>Mr. Pratik Balasaheb Saptal</b>	<b>District</b>



*Spandan : 2023-24*

**IEDSSA Inter Zonal Sport State Level Achievement  
2023-24**



Discuss Throw – IEDSSA State Level Winner



Shot Put – IEDSSA State Level Runner



*Spandan : 2023-24*

## **IEDSSA C-Zone Sport Achievement 2023-24**



**Cricket Boys- IEDSSA Zonal Level-Runner-up**



**Kho-Kho Girls- IEDSSA Zonal Level- Runner-up**



# Spandan : 2023-24

## Athletics Girls & Boys - IEDSSA Zonal Level-Winners & Runner-up



## **Librarian Message**



It is a great pleasure to welcome you to the Department of Library which is the vital resource of our Institute. The library acts as a reservoir of resources for students and staff for their scholarly research and academic development.

We're your hub for academic success. Explore our resources, find quiet study spots, and ask our librarians for research help. We're here to support you!"

## **Library Information**

### **Library Staff**

<b>Sr. No.</b>	<b>Name of Staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Experience</b>
1	Mrs. Adity V. Kambale	B. Com. , M. Lib. & I. Sc.	Librarian	18 Years
2	Mr. Udhav M. Mali	M. A. M. Lib. & I. Sc.	Assistant Librarian	12 Years



## **Total Library Collection**

<b>Sr. No.</b>	<b>Title</b>	<b>Value</b>
1	Total Library Area	426.74sqm
2	Total No. of Books (Volume)	8854
3	Total No. of Title	1514
4	Total Cost of Books	19 53 492Rs
5	Total No. of P. D. Books	295
6	Total No. of Marathi Books	77
7	Total No. Journals	103
8	Total No. of National Journals	88
9	Total No. of International Journals	15
10	Total Cost of Journals	1 45 560Rs
11	Reading Room Seating Capacity	160 Student
12	Total No. of CD/DVD	205
13	Total No. of Digital Library PC	10
14	Total No. of E-Books	40

### Total Library Collection

Sr. No.	Course Name	Title	Volume	Journal	E - Books
1	Civil	299	1756	3	8
2	Comp	304	1871	3	8
3	IF	275	1505	3	8
4	EJ	297	1769	3	8
5	Mech	339	1953	3	8
	<b>Total</b>	<b>1514</b>	<b>8854</b>	<b>15</b>	<b>40</b>
1	Sci. & Humanitis	42	691	-	-
2	Gen. Sci.	96	414	-	-
	<b>Total</b>	<b>138</b>	<b>1105</b>	<b>-</b>	<b>-</b>

### Library Facility

- 1 ) Book Circulation Facility
- 2) Free of Cost Book Bank Facility for all Student
- 3) Reading Room Facility
- 4) News Paper Facility
- 5) Digital Library Facility
- 6) Night Study Facility for Boys & Girls Hostel Students
- 7) Photocopy & Reprography Facility.
- 8) Open Access for 2<sup>nd</sup> & 3<sup>rd</sup> Year Students.
- 9) Previous Year Board Question Availability Facility
- 10) Question Bank, Notes, Syllabus Copy Availability Facility
- 11) Inter Library Resource Sharing







**तरुण भारत** संवाद



**पंढरपूर : स्वरतरंग स्नेहसंमेलनामध्ये कलाविव्कार सादर करताना न्यू सातारा कॉलेजचे विद्यार्थी न्यू सातारा कॉलेजमध्ये स्वरतरंग स्नेहसंमेलन उत्साहात**

पंढरपूर : न्यू सातारा समूह मुंबई संचलित, न्यू सातारा कॉलेज ऑफ इंजिनियरिंग अँड मॅनेजमेंट पॉलिटेक्निक कोर्टी येथे स्वरतरंग २ के २४ हा वार्षिक स्नेहसंमेलनाचा कार्यक्रम विद्यार्थ्यांच्या अविष्काराने झाला. संमेलनाच्या पहिल्या दिवशी ट्रेडिशनल डे, फूड स्टॉल व फिशफॉड हे कार्यक्रम घेण्यात आले तर दुसऱ्या दिवशी मिस मॅच डे, फनी गेम आणि स्वरतरंगचा कार्यक्रम घेण्यात आला. या कार्यक्रमाला प्रमुख उपस्थिती म्हणून पंढरपूर ग्रामीण पोलीस स्टेशनचे उपनिरीक्षक मारुती दिवसे तसेच कोर्टी ग्रामपंचायतीचे उपसरपंच महेश येडगे, शांती निकेतन गुरुकुलचे संस्थापक अध्यक्ष दत्तात्रय कोडलकर व अॅकॅडमी एक्सपर्ट सुधाकर पडवळ, प्राचार्य विक्रम लोंडे व उपप्राचार्य विशाल बाड व सर्व विभाग प्रमुख हे उपस्थित होते. यावेळी ज्ञानेश्वर शेडगे यांनी मनोगत व्यक्त केले.

**पुण्य नगरी**

**'न्यू सातारा' मध्ये महात्मा गांधी, लालबहादूर शास्त्री जयंती**

पंढरपूर / तालुका प्रतिनिधी  
कोर्टी येथील न्यू सातारा कॉलेज ऑफ इंजिनियरिंग अँड मॅनेजमेंट (पॉलिटेक्निक) येथे राष्ट्रपिता महात्मा गांधी व देशाचे दुसरे पंतप्रधान लालबहादूर शास्त्री जयंती उत्साहात साजरी करण्यात आली. प्रारंभ संस्था प्रतिनिधी ज्ञानेश्वर शेडगे, प्राचार्य विक्रम लोंडे, उपप्राचार्य विशाल बाड व सर्व विभाग प्रमुखांच्या हस्ते प्रतिमा पूजन व दीप प्रज्वलन करण्यात आले. अध्यक्षीय भाषणात उपप्राचार्य बाड यांनी राष्ट्रपिता

महात्मा गांधी यांचे संपूर्ण जीवन चरित्र, त्यांची अहिंसावादी विचारसरणी सामान्य माणसांना उपयुक्त असल्याचे नमूद करून दुसरे पंतप्रधान लालबहादूर शास्त्री यांचे देशाविषयीचे योगदान विपद केले. संस्था प्रतिनिधी ज्ञानेश्वर शेडगे यांनीही मनोगत व्यक्त केले. सूत्रसंचालन सुरज जयस्वाल यांनी केले. संस्थेचे संस्थापक अध्यक्ष राजाराम निकम यांच्या मार्गदर्शनाखाली सर्व शिक्षक, कर्मचाऱ्यांनी कार्यक्रमासाठी परिश्रम घेतले.

**'न्यू सातारा'च्या चार विद्यार्थ्यांची एल अँड टी डिफेंस कंपनीत निवड**



अमोल मुंडे	वर्षा चवरे	अस्ताफ शेख	आकाश घाडगे
प्रतिनिधी पंढरपूर	पेथीत न्यू सातारा कॉलेज ऑफ इंजिनियरिंग अँड मॅनेजमेंट पॉलिटेक्निक मधील अमोल मुंडे, वर्षा चवरे, अस्ताफ शेख, आकाश घाडगे या चार विद्यार्थ्यांची एल अँड टी डिफेंस कंपनीत निवडली आहे.	न्यायप्रतिष्ठान संस्थेचे अध्यक्ष राजाराम निकम	ज्ञानेश्वर शेडगे, प्राचार्य विक्रम लोंडे, उपप्राचार्य विशाल बाड, सर्व विभाग प्रमुख व सर्व विभाग प्रमुख हे उपस्थित होते. यावेळी ज्ञानेश्वर शेडगे यांनी मनोगत व्यक्त केले.

# Testimonials



New Satara Polytechnic; Especially the Management Forum and the Sports Committee gave me the opportunity to work on multiple projects apart from my regular education while I was there. The freedom that comes with upskilling yourself and the confidence that comes with it helped me excel in life and my journey after college. It is all because of New Satara Polytechnic.



My college life in New Satara Polytechnic was a great journey, filled with joys and lessons. The number of opportunities I had to explore different fields and know our interests is profuse. The opportunities I got that inspire me to do fine than before and moulded me to become a better version of myself. The support from the faculties was very encouraging. It wouldn't be wrong to tell that i would not have secured the higher rank in examinations and extra-curricular activities without the guidance.



This college tagline of New Satara Polytechnic should really be "Learn with Joy", because of the amazing learning environment where there are numerous activities, events and opportunities where you can meet your fellow students and enjoy learning. The lecturers with great knowledge in their subjects make classes interactive and fun as well. The decision to learn with fun in this college was great experience



My three years spell at New Satara Polytechnic was nothing short of abest experience in my life. It hasimmensely contributed towards thedevelopment of my personality,interpersonal skills and made me aquality person as a whole. Theacademic experience coupled withgood infrastructure, quality facultiesand sessions on placementtraining, helped me in building afoundation for my career.



॥ योगः कर्मसु कौशल्यम् ॥

न्यु सातारा समुह, मुंबई संचलित,



# न्यु सातारा कॉलेज ऑफ इंजिनिअरींग अँड मॅनेजमेंट (पॉलिटेक्नीक)



कोर्टी, पंढरपुर, जि. सोलापूर ४९३३०४ ■ AICTE व MSBTE मान्यता प्राप्त ■ DTE Code : 6725

## हिवाळी परीक्षा २०२३ - आमच्या कॉलेजचे उत्तुंग यशाचे मानकरी

सायनिका सकटे FYCOM - 88.12%	भेदा पवार FYCOM - 88.80%	करण बारले FYCOM - 87.88%	जान्वी नळे FYCOM - 88.35%	सायनिका गडे FYCOM - 85.41%	पूजा सरगर FYCOM - 84.24%	आरती पाटोळे FYCOM - 83.53%	गौरी बागल FYCOM - 83.41%	मानवी शिंदे FYCOM - 83.18%	वैशवी वळकुंदे FYCOM - 83.86%	पूजा गवळी FYCOM - 82.59%	अनुराधा चव्हाण FYCOM - 82.47%	सायनिका जंबाळ FYIT - 88.12%
निलेश बाबर FYIT - 86.12%	वैशवी भाकरे FYIT - 85.05%	दिप्ती धुमाळ FYIT - 84.12%	चिनिता शिंदे FYIT - 83.65%	गौरी गडे FYIT - 83.18%	यशराज फांगणे FYIT - 83.96%	नमता कोले FYIT - 82.47%	स्नेहल सुर्ये FYIT - 83.24%	राजाराम वाधमोडे FYIT - 82.86%	क्रतुराज नायकुडे FYEATC - 86.47%	मोनिका लेंडवे FYEATC - 85.53%	शुभम शिंगारे FYEATC - 84.94%	ऐश्वर्या शिंदे FYEATC - 84.82%
सायनिया युलगाी FYEATC - 84.9%	प्रणव खिलारे FYEATC - 82.71%	अरदा पडवळकर FYME - 82.3%	वैशवी कलामने SYCOM - 87.87%	आस्था डोरे SYCOM - 87.73%	पूजा चव्हाण SYCOM - 86.67%	सवशिला भोसले SYCOM - 83.66%	सोनली रोकडे SYCOM - 82.53%	वैशवी काळे SYCOM - 82.53%	स्वर्निल डगे SYCOM - 81.87%	पल्लवी काळेल SYCOM - 81.68%	सकेत नाईकवाडे SYCOM - 81.33%	क्रतुराज सोनमली SYCOM - 81.31%
ज्येश्ठी देशमुख SYIT - 86.06%	शुभम सरार SYIT - 85.50%	विचेक कोळी SYIT - 84.75%	प्रशांत अंबुले SYIT - 84.63%	शुभम केमदाराने SYIT - 82.85%	ओम नलवडे SYIT - 82.36%	दिपाली बागल SYCNIL - 85.22%	आदित्य पताळे SYCNIL - 82.44%	सौरभ शिंदे SYCNIL - 81.89%	पृथ्वीराज जाधव SYCNIL - 81.22%	पावल घोडके SYEATC - 82.47%	प्रमती वेलदार SYEATC - 81.13%	शुभांगी जाधव SYEATC - 80.71%
गौरी धनवडे SYME - 86.32%	अंकिता राजगुरे SYME - 85.83%	तन्वी शिंदे SYME - 81.79%	स्वपानली डोके TYCOM - 86.78%	प्रशिता सकटे TYCOM - 86.67%	प्राजक्ता गुड TYCOM - 83.22%	रोशनी उवाळे TYCOM - 82.96%	आर्विंद सुर्ये TYCOM - 81.78%	साक्षी चिखारे TYCOM - 81.44%	प्रधमेश नळे TYIT - 86.94%	आदर्श ताकमोगे TYIT - 85.88%	चैतन्य कुलकर्णी TYIT - 84.94%	वैशवी कुलकर्णी TYIT - 84.71%
गौरी चव्हाण TYIT - 84.05%	अंकिट बनकर TYIT - 82.24%	गणेश सरार TYCNIL - 82.26%	विराजित वाधमारे TYCNIL - 87.60%	रोहित जाधव TYCNIL - 82.30%	विक्रम काळे TYCNIL - 81.30%	नितेश ऐवळे TYME - 76.48%	शुभम गोंड TYEATC - 83.63%	अमोल राजत TYEATC - 87.05%	साक्षी कदम TYEATC - 85.79%	रोहन फांगणे TYEATC - 85.68%		



Result – MSBTE Summer Exam 2024



॥ योगः कर्मसु कौशल्यम् ॥

न्यु सातारा समुह, मुंबई संचलित,

न्यु सातारा कॉलेज ऑफ इंजिनिअरींग  
अँड मॅनेजमेंट (पॉलिटेक्नीक)



कोर्टी , पंढरपुर, जि. सोलापूर ४१३३०४ ■ AICTE व MSBTE मान्यता प्राप्त ■ DTE Code : 6725

आमच्या कॉलेजचे उत्तुंग यशाचे मानकरी

सानिका सक्ते FYCOM - 88.12%	स्नेहा फवार FYCOM - 86.80%	करण बारले FYCOM - 87.88%	जान्हवी नरडे FYCOM - 86.35%	सानिका गडदे FYCOM - 85.41%	पावल सरगर FYCOM - 84.24%	आरती पाटोळे FYCOM - 83.53%	गौरी बागल FYCOM - 83.41%	मानसी शिंदे FYCOM - 83.18%	वैभवी चक्रकुडे FYCOM - 83.06%	पूजा गखळी FYCOM - 82.58%	अनुराधा चक्रवर्ण FYCOM - 82.47%	सानिका जयंजाळ FYIT - 88.12%
निलेश वाडार FYIT - 86.12%	वैष्णवी भाकारे FYIT - 85.90%	दिप्ती धुमाळ FYIT - 84.12%	वनिता शिंदे FYIT - 83.85%	गौरी गडदे FYIT - 83.18%	शरदा चोंगले FYIT - 83.06%	स्नेहा कोले FYIT - 82.47%	स्नेहल सुर्वे FYIT - 83.24%	राजाराम वाघमोडे FYIT - 82.06%	ऋतुराज नाथकुडे FYEATC - 86.47%	मोनिका लॅंडे FYEATC - 85.53%	शुभम शिंगाडे FYATC - 84.94%	प्रेरुवर्षा शिंदे FYEATC - 84.82%
सानिका मुलाणी FYEATC - 84.59%	प्रणव खिलारे FYEATC - 82.71%	अरध्या पडवलकर FYME - 82.35%	वैष्णवी कलामते SYCOM - 87.87%	आस्था डोरे SYCOM - 87.73%	पूजा चव्हाण SYCOM - 86.67%	सचिनता भोसले SYCOM - 83.69%	सोमाली रोकडे SYCOM - 82.53%	वैष्णवी काळे SYCOM - 82.53%	स्वमिन दणे SYCOM - 81.97%	पल्लवी काळे SYCOM - 81.56%	संकेत नाईकवरे SYCOM - 81.33%	ऋतुराज सोमकली SYCOM - 81.33%
जानेधरी देशमुख SYIT - 96.90%	शुभम सरगर SYIT - 85.90%	शिवक कोळी SYIT - 84.75%	प्रशांत अंजुले SYIT - 84.63%	शुभम केमदारने SYIT - 82.99%	ओम नलवडे SYIT - 82.36%	दिपाली बागल SYCOM - 85.22%	आदित्य पाताळे SYCOM - 82.44%	सौरभ शिंदे SYCOM - 81.89%	पृथ्वीराज जाधव SYCOM - 81.22%	पावल घोडके SYEATC - 82.47%	प्रगती वेलदार SYEATC - 81.16%	शुभंभी जाधव SYEATC - 80.71%
गौरी धनवडे SYME - 86.32%	अंकिता राजगुडे SYME - 85.93%	तन्वी शिंदे SYME - 81.73%	स्वप्नाली डोरे TYCOM - 86.75%	प्रशांत सक्ते TYCOM - 86.67%	प्राज्वला गुंड TYCOM - 83.22%	रोशनी उवाळे TYCOM - 82.56%	आर्यन सुर्वे TYCOM - 81.76%	साक्षी खिलारे TYCOM - 81.44%	प्रथमेश नरडे TYIT - 86.94%	आदर्श ताकमोडे TYIT - 86.88%	चेतन कुलकर्णी TYIT - 84.94%	वैष्णवी कुलकर्णी TYIT - 84.71%
गौरी चव्हाण TYIT - 84.90%	अंकिता वनकर TYIT - 82.24%	गणेश सरकर TYCOM - 82.29%	विप्रजित वाघमारे TYCOM - 87.99%	रोहित जाधव TYCOM - 82.39%	विक्रम काळे TYCOM - 81.39%	रितेश पेंवळे TYME - 76.48%	शुभम गोंड TYEATC - 85.83%	अमोल राजत TYEATC - 87.69%	साक्षी कदम TYEATC - 85.79%	रोहन चोंगले TYEATC - 85.69%		