



Computer Engineering Department Newsletter-“Spectrum”

Jan 2025 to June 2025(Ed.II)



Theme of Current Issue

“Social Media Impact on Student’s Academic Performance & well-Being”

Editorial Board

- ❖ Editor in Chief
- Mr.M.S.Kalbande (VP)
- ❖ Editor
- Mrs.Sarita Thorat(Lecturer)
- ❖ Student coordinators
- Pratik Bhosale
- Neha Jagtap

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Message from Principal.....



It gives me immense pleasure to offer the Second issue of the Newsletter year 2024-25 dedicated to very pertinent theme in today's era:

“Social Media Impact on Student’s Academic Performance & well-Being”

Educators have observed that excessive social media use often leads to procrastination and reduced focus on academic tasks. This distraction can result in missed deadlines, lower grades, and diminished classroom engagement. For instance, a study from the University of Birmingham found that while banning smartphones in schools alone did not improve academic performance, it highlighted the need for a broader strategy to mitigate the adverse effects of social media on students' academic achievements.

Educational leaders advocate for a balanced approach to social media use. This includes promoting digital literacy, encouraging mindful engagement, and fostering open discussions about the potential impacts of social media. By implementing strategies that integrate healthy digital habits, schools aim to mitigate the negative effects while harnessing the benefits of social media for educational purposes.

In summary, principals recognize the dual-edged nature of social media—its potential to both enhance and hinder students' academic performance and well-being.

Prof.Dr.S.V.Admane,
(Principal)

	JAYAWANT SHIKSHAN PRASARAK MANDAL's	
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Prof. T. J. Sawant D.E.E,B.E.(Elec.), MISTE Founder-Secretary		Prof. S.M.Deokar Ph.D. (E &TC) Principal

Computer Engineering Department

VISION

To build creative programming mind in the students for adopting emerging technology in the field of computing, for the betterment of society.

MISSION

M1: To impart sound theoretical and practical knowledge in the disciplines of computing, through effective teaching learning process.

M2: To produce industry and society oriented skillful engineers through co-curricular and extra-curricular activities.

M3. To inculcate ethical values in the students.



Dear Readers,

Negative Impacts

1. Distraction and Reduced Academic Focus:

Platforms like Instagram, TikTok, and YouTube are designed to capture attention, often leading students to spend excessive time on them. This diversion can result in missed deadlines, lower grades, and diminished academic achievement. A study on Indian college students highlighted that social media often diverts attention from academic tasks, leading to procrastination and reduced concentration .

2. Mental Health Concerns

Excessive social media use has been linked to increased anxiety, depression, and stress among students. The constant exposure to curated content can lead to feelings of inadequacy and low self-esteem. Additionally, cyberbullying and online harassment contribute to emotional distress

Positive Aspects

1. Educational Resources and Collaboration

Social media platforms can serve as valuable tools for learning. Students can join study groups, access educational content, and collaborate with peers, enhancing their understanding of various subjects .

2. Social Support and Community Building

Online communities can provide emotional support, helping students cope with stress and mental health challenges. These platforms allow students to connect with others facing similar experiences, fostering a sense of belonging and support .

Conclusion

The relationship between social media and students' academic performance and well-being is complex. While it offers opportunities for learning and connection, unchecked use can lead to distractions and mental health challenges. By fostering digital literacy and promoting responsible usage, the negative impacts can be mitigated, allowing students to harness the benefits of social media without compromising their academic success and well-being.

Dr.M.S.Kalbande
(Vice-Principal)

Faculty Speak.....



- **Social Media's influence on Education**

It helps students to learn online, connect with others via digital mode & helps to access the available online resources, however it can also lead to distraction from physical activities, cyber crimes & slowly gets into online addiction which really hampers health wise.

- **Using social media as Tool of Teaching & Learning**

It is a powerful tool for teaching & learning in many ways like, being connected with subject matter expertise by sharing information & detailed views on projects by getting more engaged & interactive sessions by expanding learning opportunities.

- **Warning signs of social media addiction among students**

Social media warning signs includes like being excessive time online, being away from responsibilities, getting irritative all the time, health impacts, away from hobbies etc.

- **Social Media's Hidden Costs related with with education**

Here in this scenario, students mostly lack in time management, as spending more time on social media leads hampering study schedule & extra-curricular activities in other ways leads to decreased academic performance overall.

- **Impact of social media on Students: Pros & Cons**

Pros:

It helps students to be in touch with family & friends when they are far away physically, helps to learn online content also helps students to share their ideas, thoughts & creativity, even helps to connect the people of their interested field & keeps them updated all the time for their career prospective.

Cons:

It leads to Distraction & takes away more time by not managing school & other responsibilities, also leading to mental & physical health issues, leads to cyber crime as well & lastly sharing personal information leads students' life at risk by leading to false information.

- **Role of social media in a student's life**

It helps students to communicate, learn & connect with friends, family & other expertise from the various fields as per their need but they need to be more cautious while usage by balancing their life & other activities as well.

- **Social Media Landscape: Global & India**

It is used globally on various platforms to share information quickly & In India has a large userbase among younger generations, also helps the market to sell & buy the various products. authentic & meaningful interactions.

MRS.V.A.RAJGIRI
(Lecturer)

Student Speak.....

**Mental Health Challenges**

A significant number of students report experiencing mental health issues related to social media use. The pressure to maintain an idealized online persona, exposure to cyberbullying, and the fear of missing out (FOMO) contribute to feelings of inadequacy, anxiety, and depression. For instance, a study highlighted that 40% of medical students are addicted to smartphones, with excessive use linked to anxiety, irritability, and sleep disturbances. Furthermore, students often engage in social comparison, leading to diminished self-esteem. The curated nature of content on platforms like Instagram and TikTok can exacerbate these feelings, as students compare their real lives to the idealized versions presented online.

Student Perspectives

Students' views on social media's impact are varied. Some appreciate the platforms for staying connected with peers and accessing educational content. However, a growing number express concerns about the detrimental effects on their mental health and academic performance. Initiatives aimed at reducing screen time have shown promise; for example, a program in France successfully reduced students' average screen time from over 7 hours to under 5 hours per day, leading to improved well-being and academic focus.

Recommendations for Students

To mitigate the negative impacts of social media, students are encouraged to:

- **Set time limits** on social media usage to prevent excessive engagement.
- **Engage in digital detoxes**, such as taking breaks from screens during weekends or holidays.
- **Prioritize face-to-face interactions** to strengthen real-life social connections.
- **Curate their online feeds** to follow content that promotes positivity and personal growth.

Pratik Bhosale
(TYCO)

**Academic Performance: Distractions and Decline**

Many students acknowledge that social media serves as a significant distraction from their academic responsibilities. The constant barrage of notifications and the allure of endless scrolling can lead to procrastination and reduced focus on studies. This is particularly concerning as it can result in missed deadlines, lower grades, and a decline in overall academic performance. Additionally, excessive screen time, especially before bedtime, disrupts sleep patterns, leading to fatigue and decreased cognitive function during the day. This sleep deprivation further hampers students' ability to concentrate and retain information, negatively impacting their academic achievements.

Mental Health: Anxiety, Depression, and Self-Esteem

Students' mental health is increasingly affected by social media use. The pressure to maintain an idealized online persona, exposure to cyberbullying, and the fear of missing out (FOMO) contribute to feelings of inadequacy, anxiety, and depression. For instance, a study highlighted that 40% of medical students are addicted to smartphones, with excessive use linked to anxiety, irritability, and sleep disturbances. Furthermore, students often engage in social comparison, leading to diminished self-esteem. The curated nature of content on platforms like Instagram and TikTok can exacerbate these feelings, as students compare their real lives to the idealized versions presented online.

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Neha Jagtap
(TYCO)

TECHNICAL EVENTS

"Techmanthan"



The Department of Computer Engineering recently hosted "Techmanthan2K25," a dynamic technical event that showcased the department's commitment to fostering innovation and technical excellence. As part of this initiative, students organized the "Codefest" competition, providing a platform for participants to engage in challenging coding tasks and demonstrate their programming prowess. This event not only highlighted the department's dedication to enhancing coding skills but also encouraged collaboration and problem-solving among students..

DIY Project Exhibition



The Department of Computer Engineering organized a "Project Exhibition" to showcase the innovative work of TYCO students. This event featured a diverse array of projects developed by the students, highlighting their creativity and technical skills. The exhibition provided a platform for students to demonstrate their projects and engage with faculty and peers, fostering an environment of learning and collaboration.

Industrial Visit



On January 21, 2025, the Department of Computer Engineering organized an industrial visit at ProAzure Software Solutions Pvt.Ltd.,Pune that provided students with valuable insights into the operations of a software firm. The visit offered a comprehensive understanding of version control systems like Git and GitHub, cloud repositories, and the distinctions between product-based and service-based organizations. Additionally, students gained knowledge about the essential skills required for roles such as software developers and testers.

EDE Exhibition



The Department of Computer Engineering organized an exhibition on "Entrepreneurship Development" on April 8, 2025, under the guidance of Ms. S.P. Sarode, Ms. P.D. Patil, and Ms. P.A. Garad. The event aimed to provide students with hands-on experience in conducting market surveys, managing budgets, and collaborating effectively within teams. The Entrepreneurial Development Programme (EDP) is designed to help individuals strengthen their entrepreneurial motives and acquire the necessary skills and capabilities to establish and manage an enterprise efficiently. This involves equipping participants with the knowledge and tools required to analyze market trends, understand customer needs, and navigate the challenges of entrepreneurship.

Social Visit at Pratapgad



The Computer Engineering Department organized a social visit to Pratapgad Fort as part of the "Social & Life Skills" course, aiming to instill social values among students. All first-year and third-year students actively participated in this initiative, contributing to the fort's cleanliness and preservation.

Seminar on Job Application Essential



The Department of Computer Engineering hosted a seminar titled "Job Application Essentials" and "Artificial Intelligence Fundamentals." The event featured distinguished guest speakers: Ms. Gayatri Ballal, Ms. Priti Gaikwad, and Mr. Ketan Sathe.

Seminar on Financial Literacy



On January 23, 2025, a seminar on "Financial Literacy" was conducted for First Year students under the "Social and Life Skills" course. The event commenced at 11:00 AM with the arrival of our esteemed guest, Mr. Devendra Tare. Following his arrival, Mrs. Zeba Sajjade formally felicitated Mr. Tare, welcoming him to the session. Mr. Tare initiated the seminar by introducing the concept of financial literacy, emphasizing its significance in comprehending and efficiently managing personal finances. He highlighted the critical role that financial literacy plays in daily life, particularly in enhancing social and life skills among students.

Seminar on Universal Human Vales



The Department of Computer Engineering recently hosted a guest lecture titled "Human Values and Meditation," featuring Ms. Aditi Singhal as the guest speaker. Ms. Singhal is an internationally recognized memory and mathematics trainer, as well as the CEO of Dynamic Minds Group. She holds a Guinness World Record for conducting the largest math lesson and has been honored with multiple awards, including "The Best Memory Trainer" by the India Book of Records. During the session, Ms. Singhal introduced students to effective meditation techniques aimed at enhancing focus and mental clarity. She also emphasized the significance of human values in personal and professional development. Additionally, she shared practical methods for improving memory retention, such as creative visualization and mnemonic devices, which students found both engaging and beneficial.

STUDENTS ACHIEVEMENTS



Third-year Computer Engineering students Deep Patel, Harshada Khajure, and Shubham Suskar from [JSPM's Jayawantrao Sawant Polytechnic](#) participated in multiple intercollegiate project competitions across Maharashtra, showcasing their innovative project titled "Mini Computer."

Under the guidance of Mrs. K.M. Shirole, their project garnered significant recognition and accolades. Notably, they secured the prestigious first prize at the "Dipex2K25" state-level exhibition and competition, which featured participants from various engineering disciplines across Maharashtra and Goa. Their achievement underscores the department's commitment to fostering practical skills and innovation among students, contributing to the institution's reputation for excellence in engineering education.

Parents Meet



The Department of Computer Engineering organized a Parent-Teacher Meeting for the parents of students across all three academic years. Parent-Teacher Meetings (PTMs) are vital in fostering a collaborative environment that significantly enhances a student's academic and personal development. They serve as a platform for open communication between parents and teachers, allowing for the exchange of insights regarding a child's academic progress, behavior, and overall well-being. This partnership ensures that both parties are aligned in supporting the student's growth.

Shivjayanti Celebration



The Computer Engineering Department celebrated Shiv Jayanti with great enthusiasm. A speech competition was organized, in which student Appa Jethe secured the first prize. Additionally, a rally was held to commemorate the occasion.

Republic Day Celebration



The Department of Computer Engineering commemorated Republic Day on January 26, 2025, with great enthusiasm. The celebration included a flag hoisting ceremony, followed by cultural performances and a speech competition. Republic Day holds profound significance in India's history and national identity. Celebrated annually on January 26, it marks the adoption of the Indian Constitution in 1950, transforming India from a British dominion into a sovereign republic. This date was chosen to honor the Indian National Congress's 1930 declaration of Purna Swaraj (complete independence), symbolizing the nation's unwavering commitment to self-rule and democratic governance .

Womens DayCelebration



The Department of Computer Engineering at Jaywantrao Sawant Polytechnic (JSPM) in Pune commemorated International Women's Day with a vibrant celebration. The event featured a variety of engaging activities, including games and competitions, aimed at promoting gender equality and empowering women in the field of computer engineering.

Farewell& Gathering



The Department of Computer Engineering recently hosted a farewell event for the Third Year (TY) students, providing a platform for both the outgoing and current students to come together. This gathering offered an opportunity for the TY students to reflect on their academic journey, share experiences, and bid adieu to their peers and faculty members. It also allowed the department's students to connect, celebrate their shared experiences, and foster a sense of community within the department.

Summer Camp



The Computer Engineering Department conducted a summer camp for 10th-grade students, focusing on Animation and VFX. Beyond technical proficiency, these camps emphasize storytelling, teamwork, and critical thinking, essential skills in the media and entertainment industry. Students collaborate on projects, receive mentorship from industry professionals, and build portfolios that can be instrumental for future academic and career pursuits. Moreover, engaging in such creative endeavors can ignite a passion for the arts and open doors to diverse career paths in animation, VFX, gaming, and digital media.

Career Guidance & Toppers Felicitation



The Department of Computer Engineering organized a Career Guidance and Toppers Felicitation Program for SSC students from various schools. Prof. S.N. Thorat provided valuable insights on the different career opportunities available after 10th standard. Additionally, Vice-Principal Prof. Dr. M.S. Kalbande also addressed and guided the students.

Upcoming Events:

- **Freshers Party**
- **Engineers Day**
- **Teachers Day**
- **Seminars**

HOD
Prof.Dr.M.S.Kalbande