# SYMBIOSIS
## INSTITUTE OF TECHNOLOGY, NAGPUR

‖वसुधैव कुटुम्बकम्‖

ANKUSH NAGWEKAR 2024

# SYMBIVATION

## Issue 5 | October - December 2024

# LEADERSHIP

## SIU Leadership
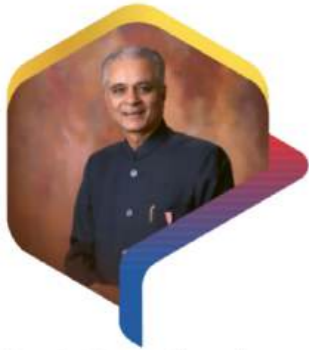


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# INDEX

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# From The Director's Desk



## Dr. Nitin Rakesh
## Director, SIT Nagpur

**Greetings from Symbiosis Institute of Technology (SIT), Nagpur!**

With immense pride and enthusiasm I welcome you to this 5th edition of our magazine SymbiVation, it reflects the collective efforts, accomplishments and inspiring stories of our students, faculty and staff from October to December.

At SIT, our mission is to develop student's mindset to tackle real-world challenges rather than encouraging just academic knowledge.

Our aim is to create well-rounded individuals who are prepared to meet the challenges of tomorrow.

I encourage you to explore the diverse initiatives and achievements highlighted within its pages. I am also excited to share that SIT has signed MOUs with renowned organizations like ServiceNow, Edunet and Pragmatyc. These partnerships will open up new avenues for our students, industry exposure, and skill development, which will be truly valuable for their careers.

May you find inspiration to take bold steps towards your own success and contribute meaningfully to the world around you.

Welcome to the SIT family, where possibilities are endless, and the journey is just as rewarding as the destination.

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# Awards & Appreciation to SIT Faculty & Staff







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# Entrepreneurship Cell


Design Thinking workshop organized by Entrepreneurship Cell


Session on Business Branding: How to Market and Scale Your Business.


Celebrated World Entrepreneurship Day


Seminar on Bridging the Gap: Research and Startups Ecosystem in India


E-Cell students attended Entrepreneurial Bootcamp at Mahatma Gandhi Mission, Aurangabad


Officials of SIT visited Center for Technological Innovation and Entrepreneurship, KLE University, Hubbli, Karnataka


Investor's Meet


Visit by E-Cell students at Marathwada Accelerator for Growth and Incubation Council (MAGIC), Aurangabad


Officials of SIT visited Deshpande Startups, Hubbli, Karnataka


National Entrepreneurship Day


Visit at Mahatma Gandhi Mission Incubation Center, Aurangabad


E-Cell students attended the bootcamp at IIM, Nagpur


Visit of Dr. Abhay Deshmukh, Director, Incubein Foundation, RTMNU, Nagpur


Visit of Rahul Bajait, Co-founder @ Pragmatyc in the E-Cell

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Page 5

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Page 6

# MOU



Symbiosis International (Deemed University) has taken a significant step forward in advancing its academic excellence by collaborating with ServiceNow under the Academia Program. This partnership, formalized through a Memorandum of Understanding (MoU) signed on 22$^{nd}$ November 2024, marks a milestone in integrating cutting-edge digital workflow solutions into the university's curriculum.

The collaboration aims to revolutionize the learning experience by equipping students with industry-relevant skills, aligning their education with the demands of the future workforce. By incorporating ServiceNow's innovative tools and technologies, Symbiosis International (Deemed University) continues to reaffirm its commitment to nurturing future-ready professionals and fostering a culture of innovation and excellence.

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# MOU



Symbiosis Institute of Technology, Nagpur, partnered with Edunet Foundation on 21$^{st}$ November 2024 to offer a 60-hour internship program for 2$^{nd}$ and 3$^{rd}$ year engineering students. The program focuses on hands-on learning, real-world projects, certifications, and placement opportunities, bridging the academia-industry gap.



Symbiosis Institute of Technology, Nagpur, signed an MoU on 24$^{th}$ September, 2024 with Pragmatyc to bridge the gap between industry and academia. The partnership focuses on fostering technology transfer, providing internships, and promoting collaborative initiatives for the benefit of students and faculty alike.

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# Student Representative Council (SRC) Activities

**IEEE Day**  **IEEE TechWiz**









On 5th October 2024, IEEE Day was celebrated at IEEE Student Branch STB 60217705), Symbiosis Institute of Technology, Nagpur, with over 130 members. The event featured Prof. (Dr.) Shashikant Patil, Secretary of IEEE Bombay Section, as the chief guest, under the guidance of Dr. Nitin Rakesh, Senior Member IEEE and supervision of Dr. Sudhanshu Maurya, Chair, IEEE Sensor Council, Bombay Section - Nagpur, Led by Arya Kashikar (Chair), Alakshendra Pratap Singh (Vice Chair), and Aditya Joshi (Vice Chair).

On 7th October 2024, TechWhiz, Hack-o-week 3.13, was organized by the IEEE Student Branch at SIT, Nagpur, with 144 participants. Led by Arya Kashikar (Chair), Aditya Joshi, and Alakshendra Pratap Singh (Vice Chairs), under Dr. Sudhanshu Maurya's supervision, the event featured four exciting rounds: Cyber Crossword, Kahoot Quiz, Coding Challenge, and JAM. With teamwork and learning at its core, the event was a grand success, supported by Dr. Nitin Rakesh and a dedicated team of volunteers.

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# Student Representative Council (SRC)

## Activities

### Cloud Crafters

### Branding



Pixel Puzzle, hosted by Cloud Crafters on 15th October 2024, featured a game development quiz with more than 25 participants testing their knowledge and skills.

The Branding Club hosted the Shutter Showcase on 18th October, 2024, involved more than 50 participants. Esteemed guest, Mr. Ajinkya Shiwarkar (Photographer, Cinematographer and 3D Animator) shared his insights, inspiring attendees in the art of visual storytelling.

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# Sports Spectra 2.0













The Sports Club and Council of SIT Nagpur proudly hosted Sports Spectra 2.0 on 21st and 22nd October, 2024. This exciting two-day event featured a variety of sports, including badminton, futsal, tug of war and kho-kho, with over 300 participants.





Emphasizing teamwork and inclusivity, the event also introduced integrated competitions in key categories. Concluding with a spirited prize distribution, Sports Spectra 2.0 fostered camaraderie and left a lasting impact on the campus community.

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# Constitution Day



Social club at SIT Nagpur, celebrated Constitution Day on 26th November, 2024 with enthusiasm, starting with the collective reading of the Preamble to honor the values of justice, equality, liberty, and fraternity. The event inspired students to uphold the principles of democracy and pay tribute to our nation's Constitution.



# Janjatiya Gaurav Divas

Social Club at SIT Nagpur, observed Janjatiya Gaurav Divas on 26th November, 2024 with enthusiasm, honoring the contributions of India's tribal communities and the legacy of Indian tribal independence activist, Birsa Munda. Students celebrated the rich heritage and resilience of tribal traditions, fostering pride in India's diverse history.





# Session on Gender Sensitization

On 12th December, 2024, Social Club at SIT, Nagpur, organized a seminar on Gender Sensitization to promote awareness, challenge stereotypes, and address gender inequality. The event was conducted by Ms. Drishti Chug (Psychological Counselor, SCEW) which focused on inclusivity, legal rights, and overcoming systemic barriers, coordinated by Dr. Pradnya Borkar, Dr. Gopal Kumar Gupta and Prof. Sneha Thomas, with support from Prof. (Dr.) Nitin Rakesh, Director, SIT.





# Industry Visit



On 12th December, 2024, 2nd year B.Tech students from Symbiosis Institute of Technology, Nagpur, visited the HCL Nagpur campus. The industrial visit offered them a firsthand understanding of corporate operations and industry workflows, enhancing their practical knowledge and professional exposure. The students interacted with Mr. Disen Joshi (GM and Integrated Service Delivery Head at HCL Tech), IT Infrastructure, Chicago.



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# AI Secure Code Hackathon





The AI Secure Code Hackathon, held on 22$^{nd}$ October by Symbiosis Institute of Technology and Delaplex Ltd., featured Dr. Rizwan Ahmed (CTO) and Mr. Adarsh Kant (Cybersecurity Lead) sharing insights on AI in cybersecurity.

# High Performance Computing Workshop





The Awareness Workshop on High Performance Computing under AICTE-Sankalp was held on 18$^{th}$October, 2024, with 120 participants. Dr. Pradnya S. Borkar, a CDAC HPC Master Trainer, delivered an informative session, enhancing the understanding of high-performance computing technologies.

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Page 17

## SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)
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Page 18

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Page 21

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Page 22

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Page 23

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Page 24

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**Dr. Priya Dasarwar**

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**Prof. Monali Gulhane**

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- M. Gulhane, et al., Development of a Temporal Analysis Model Augmented for Disease Progression Identification through Multiparametric Analysis, International Journal of Intelligent Systems and Applications in Engineering, Volume 12, Issue 2, Pages 620 – 634, 25 December 2024
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**Prof. Parul Dubey**

- P. Dubey, et al., AI in the social and business world: A comprehensive approach, AI in the Social and Business World: A Comprehensive Approach, Pages 1–32515, October 2024.
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Page 25

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Page 26

# FACULTY ACHIEVEMENTS



Dr. Nitin Rakesh participated in the 11th Global Nagpur Summit 2024, held on December 8, at Banyan Hall, Chitnavis Center, Nagpur, themed "Rising Nagpur – An Emerging Technology Hub of India." He was part of Panel 2, discussing "Use of Technology for Environment and SDG Goals," moderated by Nidhi Bawashe. The panel included notable experts like Rajendra Inani (Tata Projects), Tanish Shewani (Bharat Carbon), Dr. Nitin Labhsetwar (CSIR-NEERI), Dr. Prasanna Deshpande (TCS), and Aditya Bhatia (Tech Mahindra). Gratitude was expressed towards Dr. Rizwan Ahmed, Nitin Sachdeva, and the organizing team.

Precious Gems of India
Awardee 2024
For Sustainable Development of India
Professor Dr. Jasjit Suri
Symbiosis Institute of Technology,
Nagpur Campus,
Symbiosis International (Deemed University)

Dr. Sudhanshu Maurya, Associate Professor (CSE) and In-charge of Research & Innovation at Symbiosis Institute of Technology, Nagpur, was honored with the prestigious Mahatma Gandhi National Pride Award on 28thOctober, 2024. This recognition, presented by the WELRED Foundation, an organization recognized by the Ministry of Corporate Affairs and NITI Aayog, Government of India, celebrates Dr. Maurya's exceptional contributions as an outstanding researcher.

Dr. Sagarkumar Badhiye Invited as External Expert, BOS( Board Of Studies of Computer Department) at KITS, Ramtek , Nagpur

Dr. Pradnya S. Borkar recognized as Session Chair in the 4 International Conference

Selection of Prof. Sneha Thomas for the IMPRI-TAF Feminist Foreign Policy Fellowship (FFPF) 2024

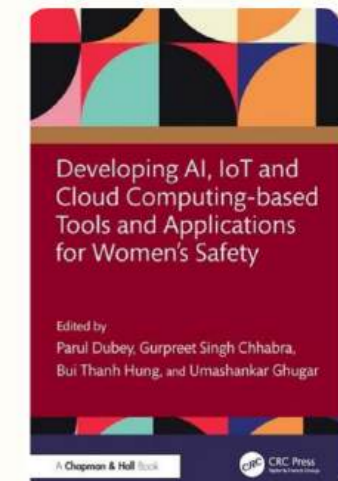Dr. Latika Pinjarkar, Session Chair in ICCCMLA - 2024 Conference

Prof. Parul Dubey published a book (Scopus Indexed)- AI in the Social and Business World: A Comprehensive Approach

Firdous Sadaf M. Ismail Recognize as an "NPTEL Star"- NPTEL MOTIVATED LEARNERS

Dr. Snehlata Dongre Recognized as NPTEL Motivated Learner

Prof. Parul Dubey published a book (Scopus Indexed)- AI in the Social and Business World: A Comprehensive Approach

Dr. Poorva Agarwal and Dr. Gagandeep Kaur conducted 10 day FPP on Data Science and Machine learning

Dr. Sudhanshu Maurya took a guest Lecture on Artificial Intelligence for Advancing Scientific Research and Discovery at Department of Science & Humanities, J. J. College of Engineering and Technology, Trichy, India

Dr. Sudhanshu Maurya took a Guest Lecture on Driving Sustainability with Engineering (AI) Solutions at Department of Computer Sciences, J. J. College of Engineering and Technology, Trichy, India

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# SERVICE LEARNING







## Service Learning SIT Nagpur

The Service Learning course is coordinated by Dr. Ramdas Khomane at SIT, Nagpur. This is a mandatory course for 5th-semester (3rd-year) students, carrying a weightage of 4 credits. In line with SIU norms, students are required to complete 120 hours of work, as each credit mandates 30 hours of practical engagement. This hands-on course is designed to enhance students&#39; practical skills while fostering community involvement.

## Objectives

1. Integrate Knowledge and Practice for Real-World Problem Solving: Empower students to apply theoretical knowledge to practical challenges in community settings, fostering critical thinking, problem-solving, and analytical skills.
2. Foster Social Responsibility and Cultural Understanding: Develop students & sense of responsibility toward societal issues through active community engagement while promoting respect for diversity and multicultural understanding.

## Student-NGO Summit

The Student-NGO Summit, held on 8th July 2024 at SIT Nagpur, inspired empathy and raised awareness among students. The event provided a valuable platform for students to engage in insightful discussions with distinguished NGO representatives.



Students actively participated in the Cancer Awareness Celebration held on 19th October, 2024, organized by the Cancer Awareness and Rehabilitation Foundation, Nagpur.

Students volunteered a teaching program on 11th October, 2024 for slum area children, we went to a slum area near omkar nagar to teach the kids living in that area.
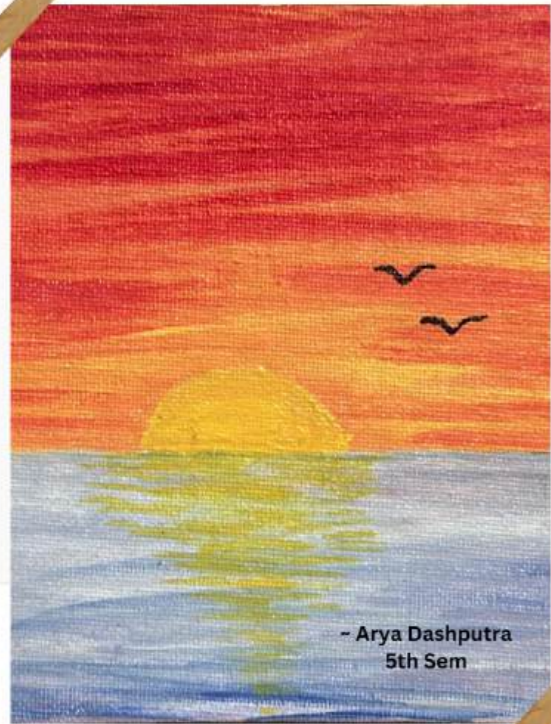


Students Organized a donation drive at Suraj Deaf and Dumb School, Ramtek on 7th October, 2024 with Apna Foundation, bringing clothes, toys, games, and chocolates to the children. Spending quality time with the students.



Students actively participated in a food donation drive organized in collaboration with Kara Foundations on 23rd October, 2024. The initiative aimed to support malnourished children in slum areas of Nagpur, including the Railway Slum Area and the vicinity of Medical College Road.

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Page 29

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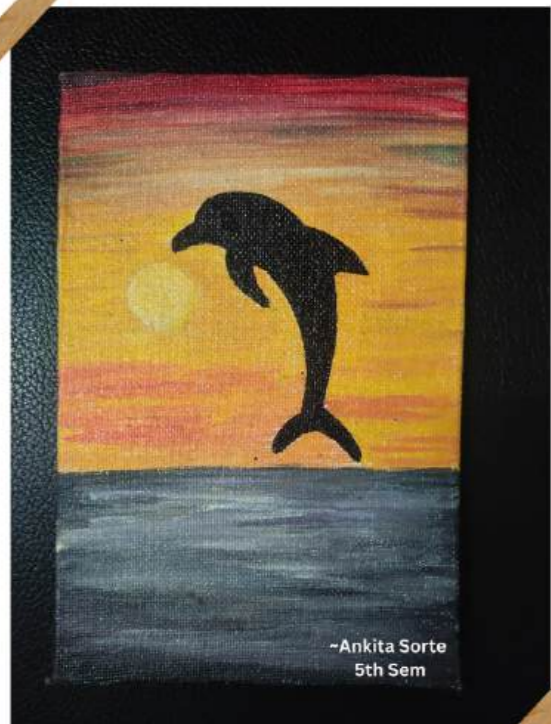
Page 30

~ Arya Dashputra
5th Sem

## Na Jaane kyu?

Anjaan galiyon say ye guzarta hai kyu?

Bandh darwazon ko kholta hai kyu?

Akelay raaton mein rota hai kyu?

Dil maray itna darta hai tu kyu?

~ Sejal Lende
1st Sem

## देश भक्ति गीत

रंग बदलता हर मौसम
बस यही सुहाना लगता है,
मेरे मुल्क की मिट्टी के आगे
संसार पुराना लगता है।
सबसे अलग मेरे
भारत की रवानी है,
हर गुजरते पल में इसके,
हजारों अनसुनी कहानी है।
हां हम इस देश के वासी हैं
जहां रोज ही दंगा रहता है,
यहां आम आदमी सड़कों पर
आधा सा नंगा रहता है
इस हाल में भी,
इस दौर में भी,
हर दिल में तिरंगा रहता है

~ Raghav Uparkar
5th Sem



~Aarya Gourkar
5th Sem



~Ankita Sorte
5th Sem

## Silence

Silence, nice but dangerous at the same time,
Night silence feels so comfy not every time..
The movement when the whole world remains silent,
I'll talk out loud so that nobody ignores me.
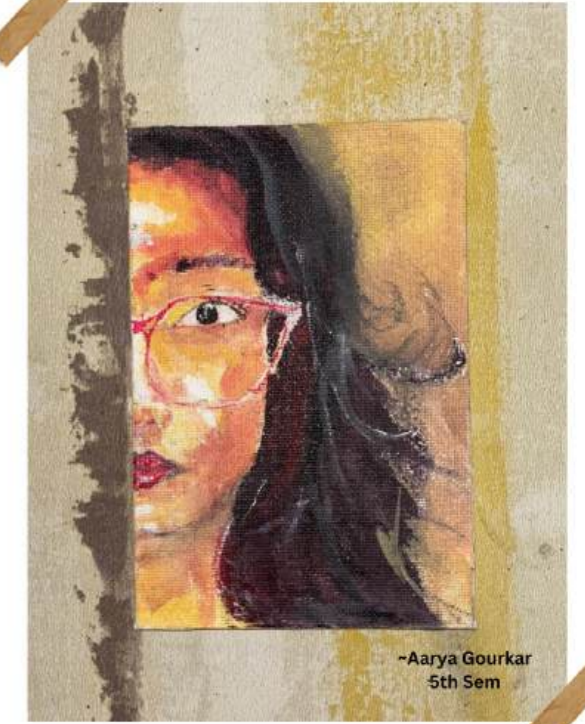Why to copy someone if you can be different?

"Be yourself", old thought right? but different when you understand it,
People says, 3 words can change the world but,
I think 2 words is enough, "love myself" isn't it?
If you can't listen what the silence said then,
you can't understand what your success says.

In other words, Silence means 'unknown god of success',
Silence must be that thing which is..
More than Past and less than future.
Silence is like a Love Should always goes on increasing,
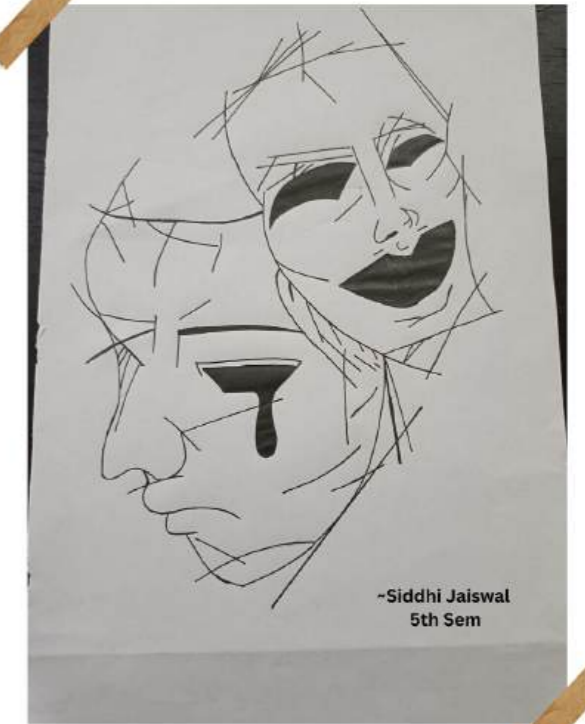Silence is the power not the weakness.

~ Ritika Bhoyar
1st Sem

## Bark and years

Staring at the tree upon my wall,
I recall how you'd laugh at things so small.
A piece of candy-your world made whole,
A simple joy that filled your soul.

As the tree grows, its bark turns tough,
Yet within, it holds a softness enough.
When rain falls gently upon each leaf,
They glisten sharp, like a polished sheath.

Much like your smile, cutting through my heart,
Splitting it finely, tearing it apart.
The roots dig deep into the ground,
As we bury secrets, safe and sound.

Each autumn, the leaves begin to shed,
Like the tears you cry when no one's ahead.
Yet the tree stands firm through storm and strife,
Much like us, braving the waves of life.

~ Harish Tetey
1st Sem



~Siddhi Jaiswal
5th Sem

# Editor's Corner



Master of turning awkward poses into award-winning portraits



Cracking codes and composing notes —two types of rhythm!



"Not just learning, but leading the way."



"Courage is the quiet voice that says, 'Try again tomorrow.'"



#include <stdio.h>
int main() {  printf("Hello Symbians\n");
return 0; }



Courage is the quiet voice that says, 'Try again tomorrow.'



Debugging thoughts, compiling ideas, and executing change.



Empowering others while chasing excellence

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Page 33

*Warmest Wishes from Symbiosis Institute of Technology, Nagpur!*

*As the year comes to a close, we take a moment to express our heartfelt gratitude to all our stakeholders for their unwavering support.*

*May the joy and magic of Christmas fill your hearts and homes, and may the New Year bring you happiness, success, and fulfillment.*

*From our family to yours, we wish you a wonderful holiday season and a happy, healthy, and prosperous New Year!*

*Symbiosis Institute of Technology, Nagpur*
*Regards,*
*Dr Nitin Rakesh,*
*Director,*
*SIT Nagpur*

ANKUSH NAGWEKAR 2024

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