

सुलीय

॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥



Indian Institute of Teacher Education, Gandhinagar | December 2023 Edition



Thriving Thirteen Years

Faculty Promotion under CAS

VIKSIT BHARAT @2047

SSIP Cell



INDIAN INSTITUTE OF TEACHER EDUCATION

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Today the goal of the country is Viksit Bharat, Sashakt Bharat!
We cannot stop until this dream of a developed India is fulfilled.

- Hon'ble Prime Minister Shri Narendra Modi

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MESSAGE FROM THE VICE CHANCELLOR



I am delighted to extend my warmest greetings to all of you through the pages of our beloved Monthly Newsletter 'सुतीर्थ'. As the Vice Chancellor of this esteemed institution, I am constantly inspired by the talent, dedication, and creativity that our students, faculty, and staff bring to our campus community.

Our Monthly Newsletter serves as a testament to the vibrant culture of learning and intellectual curiosity that defines our institution. Within these pages, you will find a myriad of stories, articles, and features that showcase the remarkable achievements and contributions of our academic community.

This month's issue highlights not only the academic accomplishments of our students but also the innovative research endeavors undertaken by our faculty members. It brings to light the diverse range of activities and initiatives that make our institution a hub of knowledge and innovation.

I encourage you to immerse yourselves in the contents of this magazine, as it offers a glimpse into the heart of our academic community. It is a reflection of our commitment to excellence, inclusivity, and the pursuit of knowledge that empowers individuals to make a positive impact on the world.

I would like to express my heartfelt gratitude to the editorial team, writers, photographers, and all those who have contributed to this issue. Your dedication and hard work have brought this magazine to life, and I am truly appreciative of your efforts.

I invite all readers to actively engage with the magazine, share your feedback, and contribute your own stories and ideas. Together, we can continue to enrich the intellectual discourse on our campus and inspire future generations of leaders, thinkers, and innovators.

Thank you for your continued support and enthusiasm. I look forward to witnessing the continued growth and success of our academic community, as we collaborate to create a brighter future through education.

Warm Regards
Dr. Harshad A. Patel

ROLE OF STUDENTS TOWARDS VIKSIT BHARAT@2047



Paras Yadav

Public Relations Officer cum Publishing Officer
IITE, Gandhinagar

"Viksit Bharat@2047" translates to "Developed India by 2047," suggesting a vision for India's comprehensive development by the year 2047. Achieving this vision involves the collective effort from various stakeholders, and students play a crucial role in shaping the future of the nation. Indian Institute of Teacher Education (IITE), Gandhinagar understand and motivates it's students to participate in the initiative for the development of our country. Here are some aspects of the role that students can play towards the vision of a developed India by 2047:

Education and Skill Development:

Students can focus on acquiring a quality education that equips them with the necessary skills and knowledge for the evolving job market. Emphasizing skill development in areas such as technology, innovation, critical thinking, and communication can contribute to the overall progress of the country.

Innovation and Research:

Encouraging a culture of innovation and research among students can lead to the development of new technologies, solutions to societal problems, and advancements in various fields. Actively participating in research projects and promoting a scientific temperament can contribute to the nation's growth.

Social Responsibility:

Students can engage in social and community service activities to address local challenges and contribute to social development. Being socially responsible citizens, students can actively participate in initiatives related to health, education, environment, and community welfare.

Entrepreneurship:

Fostering an entrepreneurial mindset among students can lead to job creation, economic growth, and the development of innovative solutions to economic challenges. Encouraging startups and small businesses can contribute to the economic development of the nation.

Environmental Sustainability:

Students can play a role in environmental conservation by promoting sustainable practices, reducing waste, and raising awareness about climate change. Participating in eco-friendly initiatives and supporting green technologies contributes to a more sustainable and developed India.

Digital Literacy:

Given the increasing importance of technology, students can focus on enhancing their digital literacy skills. Leveraging technology for education, communication, and innovation can contribute to India's progress in the digital era.

Civic Engagement:

Students can actively participate in civic activities, such as voting, and contribute to the democratic process. Understanding and engaging with civic responsibilities helps build a responsible and active citizenry.

Global Perspective:

Developing a global perspective by understanding international issues, collaborating with students from other countries, and participating in global forums can contribute to India's standing on the world stage.

Advocacy and Leadership:

Students can take on leadership roles in various domains and advocate for positive change in policies and practices. Developing strong leadership skills empowers students to contribute to the vision of a developed India.

Overall, the role of students in shaping a "**Viksit Bharat@2047**" is multifaceted, involving education, innovation, social responsibility, and active citizenship. By actively participating in these areas, students can contribute significantly to the nation's growth and development.



Prime Minister
Shri Narendra Modi

Launched

**VIKSIT
BHARAT**

@2047

VOICE OF YOUTH



SSIP

A Glimpse into Student Entrepreneurship: Startup Ideas by IITE Students

Dr Mehul P. Dave

Associate Professor in Life Science
Head of SSIP Cell, Centre of Education, IITE

In recent years, India has witnessed a significant surge in entrepreneurship, with students at the forefront of this dynamic movement. The traditional perception of a student's life revolving solely around academics is evolving, as young, ambitious minds explore the realm of entrepreneurship with innovative startups that are changing the game. This article delves into the world of student entrepreneurship in India, shedding light on the rising stars who are disrupting industries and creating a name for themselves.

The Rise of Student Entrepreneurs :

The transition from textbooks to business plans is becoming increasingly common as students across the nation embrace the startup culture. The spirit of innovation, coupled with the desire to make a difference, has inspired these young entrepreneurs to take risks and follow their dreams. This shift is fueled by a blend of factors, including the availability of resources, mentorship, and a more receptive ecosystem.

Challenges and Triumphs :

Starting a business is no cakewalk, and student entrepreneurs in India face their share of challenges. Balancing academics with entrepreneurship can be demanding, but it's a challenge many students willingly embrace. The initial funding hurdles, market competition, and navigating the legalities of setting up a company are just a few of the obstacles they encounter.

SSIP Cell – IITE : Empowering Innovations and Providing Funds to Startup Ideas Proposed by Students In an era of rapid technological advancement



and innovation, the role of educational institutions in nurturing entrepreneurial talent has become increasingly vital. One such institution that has been proactive in fostering innovation is the Indian Institute of Teacher Education (IITE). SSIP Cell of IITE not only emphasizes academic excellence but also encourages students to explore and develop their entrepreneurial potential. This article delves

into the inspiring journey of IITE students and the grant disbursement that is turning their innovative startup ideas into reality.

From Ideas to Startups

SSIP Cell has played a pivotal role in the transformation of student ideas into startups. Students at IITE are encouraged to think beyond textbooks and explore the practical aspects of their education. Entrepreneurship cells and innovation hubs on campus offer a nurturing ground for students to incubate their ideas. These initiatives provide mentorship, resources, and networking opportunities, all of which are crucial for the successful launch of startups. One of the unique aspects of IITE's approach is the provision of grants for promising startup ideas proposed by students. These grants serve as a financial boost that can turn a vision into a reality. The institute recognizes that financial support at the early stages of a startup can be a game-changer, and thus, it has established a system to disburse grants to deserving entrepreneurial endeavors.

Turning Dreams into Reality: Grant Disbursement: IITE students have been the beneficiaries of this forward-thinking grant disbursement program. The grants are awarded based on the merit, feasibility, and impact of the proposed startup ideas. The financial support is a significant motivator for students to work on their projects, as it provides them with the resources needed to develop prototypes, conduct market research, and take the necessary steps to turn their ideas into profitable ventures. The grants are not limited to any specific field, ensuring that students from diverse disciplines can pursue their entrepreneurial dreams. Whether it's a tech startup, a social enterprise, or a sustainable initiative, IITE's grant disbursement program is designed to support a wide array of innovative ideas. Here are the projects that have been selected for receiving SSIP grant.

STARTUP CONCLAVE 2023 : IITE'S REPRESENTATION IN MEGA PREVIBRANT EXHIBITION

A forward-thinking entrepreneurial atmosphere was sparked by the pre-vibrant Startup Conclave in Gandhinagar in 2023, which provided a window into a wide range of technologies and opportunities. Workshops focused on technology took front stage, introducing entrepreneurs to cutting edge innovations like blockchain and artificial intelligence. Participants gained vital skills for navigating the quickly changing technology landscape from these interactive courses. The Conclave and exhibition were set up in exhibition ground during 6th to 10th December 2023.

A prominent theme that surfaced was sustainability, with a number of pre-conclave activities exhibiting environmentally friendly and green innovations. Startups focused on sustainable agriculture, waste reduction, and renewable energy offered hopes for a future with greater environmental consciousness. Through seminars and talks about blockchain applications, digital finance, and the fintech industry's revolutionary role in advancing financial inclusion, the fintech sector attracted attention.

Pre-conclave events honoured the importance of agriculture in the area with AgriTech startups specialising in crop monitoring, precision farming, and sustainable agriculture practices; networking events and gender inclusivity discussions showcased initiatives promoting women in entrepreneurship, clearing the path for greater representation and opportunities.

Talks about combining automation and artificial intelligence demonstrated how these technologies could spur innovation in a variety of industries by improving productivity and streamlining procedures. Notable advancements in online skill development, personalised learning, and interactive educational tools have occurred in the education technology sector, offering potential to completely transform conventional educational methods.

Pre-conclave investor pitch workshops enabled early engagements between businesses and

No.	Name	Program & Semester	Title of the Project
1	Supriya Ranjan	MScME5	Advancing Personalized Nutrition: Nano-Infused Customizable Nutrition Drinks
2	Hemal Rana, Abhilasha & Priya	MScME5	To establish aeroponic garden within campus
3	Brijesh Pathak	MScME3	To Design and Develop Cost Effective Paper circuit using Pen
4	Tejasvi Panchal, Avilash Panda, Anshu Jaiswal	MScME5	Empowering Visually Impaired Individuals with Tactile Braille Reading Tablet
5	Dhruv & Tushar Makwana	MScME3	An Automated Driver Drowsiness Detection System for Safer Roads Using Arduino Nano
6	Shikha & Janki	MScME5	Modelling PEROVSKIT Solar Cells using GPVDM Software: A Comprehensive Electrical Simulation Study.
7	Tushar Makwana	MScME3	Physics Virtual Lab Development Using Excel Visual Basics

possible funders, offering a venue for business owners to showcase their concepts, get input, and establish the framework for possible financing at the main conclave. In conclusion, the pre-vibrant Startup Conclave in Gandhinagar in 2023 captured an inventive and energetic atmosphere, laying the groundwork for a big event that would revolutionise the business landscape and present a plethora of prospects for entrepreneurs to investigate and seize.

IITE's Stall Shines Bright: Efficient Representation at Startup Conclave 2023

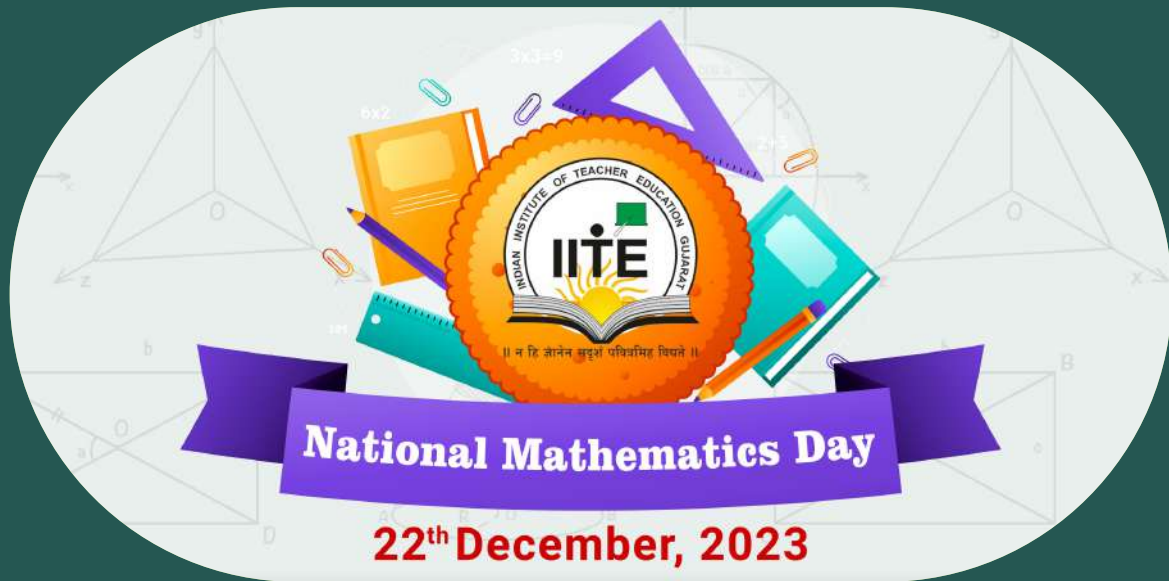
The Startup Conclave 2023 was a melting pot of innovation, creativity, and entrepreneurial spirit, bringing together some of the most promising startups from around the state of Gujarat. Among the standout participants was our Indian Institute of Teacher Education (IITE), whose stall not only garnered attention but also exemplified efficient representation in the dynamic landscape of the conclave.

The Stall Setup: SSIP Cell of IITE did a meticulous planning and efforts to design the stall at the conclave. IITE's stall at the Startup Conclave 2023 was a testament to strategic presentation. The booth was designed to reflect the IITE's commitment to education, innovation and entrepreneurship. Bold banners showcasing IITE's success stories, collaborative efforts, and vision adorned the stall, creating an inviting atmosphere for attendees.

Efficient Representation:

- 1. Innovative Project Showcase :** At the heart of IITE's stall was a dedicated space for showcasing innovative projects undertaken by IITE's students. From cutting-edge tech solutions to sustainable products, each exhibit highlighted the depth and diversity of IITE's portfolio. This not only attracted curious onlookers but also facilitated meaningful conversations about the potential impact of these innovations.
 - 2. Networking Opportunities :** IITE's team was strategically positioned within the stall to engage with visitors, creating networking opportunities for learners, startups and officials of various colleges and universities. The SSIP team facilitated introductions, discussions, and collaborations, fostering an environment conducive to the exchange of ideas and business propositions.
- IITE's stall at the Startup Conclave 2023 emerged as a beacon of efficient representation. By combining innovative project showcases, engaging, networking opportunities, and thought leadership, the SSIP team succeeded in creating a compelling narrative that resonated with attendees. The conclave served as a platform for IITE to not only showcase its students' PoC and prototype ideas but also to reinforce its commitment to driving technological entrepreneurship on a global scale. As the event concluded, the echoes of IITE's success at the stall reverberated through the entrepreneurial ecosystem, leaving a lasting impression on those who witnessed the university's efficient representation.

NATIONAL MATHEMATICS DAY AT IITE



Distinguished for prolific contributions Ramanujan tau function

MATHS FOR VIKSIT BHARAT
NATIONAL MATHEMATICS DAY
 22 December 2023

Dr Bhaskar V. Kamble
 Data Scientist at SENERCon GmbH,
 Beuth University of Applied Sciences, Berlin, Germany

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22nd December, 2023 was celebrated as **National Mathematics Day** at IITE in collaboration with GUJCOST. The program was inaugurated in the presence of Prof. H. C. Patel , Registrar IITE and Dr. Narottam Sahoo , Advisor GUJCOST along with the chief guest Dr. Bhaskar Kamble and Dr. Vinay Kamble.

Dr. Bhaskar Kamble delivered a talk on "Mathematics for Viksit Bharat", is an author, theoretical physicist and data scientist. Currently, he works as a data scientist in Berlin, Germany. He talked about ancient Mathematics, the connection of sulab sutras with theory of Mathematics, contribution of Ramanujan and other Indian mathematicians in the development of Mathematics for India. The session was interactive and very fruitful to the students and Faculties of IITE. Dr. Bhaskar has donated his recent book " Imperishable Seed" to IITE library.

MATHS FOR VIKSIT BHARAT
 22 - 28th December 2023

A week - long program on Mathematics among children and community members across Gujarat to mark the celebration of National Mathematics Day

NATIONAL MATHEMATICS DAY
 22 December 2023

Birth Anniversary of
SRINIVASA RAMANUJAN
 The Mathematical Genius
 Let's explore on mathematical mysteries

Srinivasa Ramanujan
 (22 Dec 1887 - 26 April 1920)

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This program was conducted Dr. Darshana Likhada and coordinated by Dr.Paras Uchat , faculties of IITE, Gandhinagar.

Dr. Paras Uchat & Dr. Darshana Likhada
 Faculties of IITE, Gandhinagar

GEETA JAYANTI UTSAV

न हि ज्ञानेन सदृशं पवित्रमिह विद्यते

मासानां मार्गशीर्षोऽहम् अर्थात् महिनाओमां हुं मार्गशीर्ष-मागशर छुं. आवा पवित्र मागशर महिनानी शुक्ल अेकादशीना पवित्र दिवसे कृष्णस्तु भगवान् स्वयं ना मुषारविंदमांथी नीसरेलुं अमृत अेटले श्रीमद्भगवद्गीता. 'मोक्षदा अेकादशी' तरीके ळाणीता आ शुभ दिने कुआ दुक्षेत्रनी रणभूमिमां पार्थ-अर्जुनने श्रीकृष्णे ७०० श्लोकोमां तत्वज्ञान-सभर तथा सर्वग्राही उपदेश आयो छे. अेटला माटे १ कडेवायुं छे के -

गीता सुगीता कर्तव्या किमन्यैः शास्त्रविस्तैः।

या स्वयं पद्मनाभस्य मुखपद्माद्रिनिःसृता।।

- (महा. भीष्म.४३/१)

महर्षि कृष्ण द्वैपायन व्यास विरचित 'महाभारत'ना कुल अटार पर्वोमांथी छहा पर्व 'भीष्म पर्व'ना पचीसमा अध्यायथी शर करी भेताणीस सुधीना कुल अटार अध्यायने 'श्रीमद्भगवद्गीता' अेलुं नाम आपवामां आव्युं छे. आ रीते गीता महाभारतनो अन्तर्गत भाग छे. गीताना ७०० श्लोकोमांथी मात्र अेक श्लोक धृतराष्ट्रना मुषे गवायो छे. ४१ श्लोको धृतराष्ट्रना सारथि संजय द्वारा, ८४ श्लोको अर्जुन द्वारा तथा ५७४ श्लोको भगवान श्रीकृष्ण द्वारा गवाया छे. भगवद्गीताना प्रथम अध्यायमां कुरुक्षेत्रना रणभेदानमां स्वजनं हि कथं हत्वा सुखिनः स्याम तथा न कांक्षे विजयम् कहीने युद्ध करवुं के न करवुं तेवी द्विधापूर्णा स्थितिमां मूकायेलो तथा विषादयुक्त भनेलो धर्मसंमूढचे-ता अर्जुन पोताना सभा, गुरु अने पथदर्शक कृष्णने मार्गदर्शन आपवा विनंती करे छे. जीव अध्यायथी श्रीकृष्ण तेने आत्मानी अमरता, देहनी नश्वरता, स्थितप्रज्ञता, लोकसंग्रह, ज्ञानमार्ग, भक्तिमार्ग-नी श्रेष्ठता, यज्ञादि कर्मोनी आवश्यकता, निष्काम कर्म वगेरे उत्तम विषयोनुं यथार्थ ज्ञान आपे छे अने अर्जुन मोहमांथी मुक्त थाय छे. आम, गीता अे विषादथी प्रसाद तरङ्ग प्रस्थान करवानो उत्तम मार्ग छे.

गीता अे मात्र युद्धनुं गीत नथी, पण जिवननुं संगीत छे. अर्जुनने निमित्त भनावीने भगवाने तेने जिवन जिववानी कणा विशेषुं उत्तम मार्गदर्शन आय्युं छे. जिवन अेक संग्राम छे अने तेथी कुरुक्षेत्रनी रणभूमिमां गीतानुं गान अेक सुयोग्य पृष्ठभूमिनुं सार्जन छे. जिवन रडवा माटे नथी, भागी जवा माटे नथी, जिवन हसवा माटे छे, रमवा माटे छे, मुसीबतोनी सामे हिमतथी ङ्गूमवा माटे छे तेमज अप्पंड आशा अने अतूट श्रद्धाना भणे विकास करवा माटे छे. ते मानवमा-त्रने जिवनमां प्रतिक्षणे आवता नाना-मोटा संग्रामनी सामे हिमतथी डोभा रडेवानी शक्ति अक्षे छे. युद्धाय कृत निश्चय(२.३७), कर्मण्येवाधिकार-स्ते(२.४७), योगः कर्मसु कौशलम्(२.५०), श्रद्धावान् लभते ज्ञानम्(४.३९), न मे भक्तः प्रणश्यति(९.३१), प्रत्यवायो न विद्यते(२.४०), न हि कल्याणकृ-त्कश्चिद् दुर्गतिं तात गच्छति(६.४०), क्षुद्रं हृदयदौर्बल्यं त्यक्त्वोत्तिष्ठ(२.३) जेवा अनेक दिव्य विचारो व्यक्तित माटे संजुवनीनुं कार्य करे छे. गीतानो सार टूंकमां कडेवो होय तो तेना प्रथम अने अंतिम श्लोकने सांकलीने आ रीते कही शकाय- विश्वना कुरुक्षेत्रमां जिवनरथनो सारथि कृष्ण होय अने अर्जुनसम विवेकबुद्धि होय तो तत्र श्रीर्विजयो भूतिर्ध्रुवा नीतिः प्रस्थापित थवानी ज छे.

गीता मात्र भारतमां ज प्रतिष्ठा पामी छे तेम नथी. ग्रीक, लेटिन, अंग्रेज, जर्मन वगेरे विश्वनी अनेक भाषाओमां गीताना अनुवाद थया छे. लोकमान्य टिळक, महात्मा गांधी, श्री अरविंद

धोष, डॉ. राधाकृष्णन्, श्री विनोबा भावे, हेन्री डेविड थोरो, टी.एस. धलियट, धर्मसन जेवा महान चिंतकोअे भगवद्गीताने पोताना जिवन-दर्शननी आधारशिला भनावी छे.

विश्वनुं श्रेष्ठतम संवादकाव्य गीता अंते तो मानव-कल्याणनुं ज शास्त्र छे. युद्धभूमि वस्ये पण बुद्ध केवी रीते थर्ग शकाय ते गीता आपणने समजावे छे अने ममत्वने भदले समत्वनो संदेश आपे छे. न हि ज्ञानेन सदृशं पवित्रमिह विद्यते(४.३८) ज्ञाननो महिमा समजावता गीताना ज्ञानकर्मसंन्यासयोगना आ वचनने ध्येयवाक्य तरीके प्रस्थापित करीने सतत कार्यरत अेवा भारतीय शिक्षक प्र-शिक्षण संस्थानमां श्रीमद्भगवद्गीतानी जन्मजयंतीनो उत्सव संस्थाना विनयन प्रवाह द्वारा अनोपी रीते जिववामां आय्यो. विश्वविद्याल-यना ग्रंथालयमां पुस्तकविश्वनी वस्ये सौअे भेगां मणीने भक्तियोग अने पुरुषोत्तमयोगना पारायण द्वारा ज्ञान-कर्म-भक्तियुक्त श्रीमद्भ-गवद्गीताना विचारने आत्मसात् करवानो प्रयत्न कर्यो.

डॉ.पुशु प्रतिक मोदी

सहायक अध्यापक, संस्कृत

जी.ए.जी.एस., IITE, Gandhinagar

विनयनप्रवाहः आयोजयति

मार्गशीर्ष शुक्ल एकादशी

गीताजयन्ती उत्सवः

दिनांकः २२/१२/२०२३

समयः ०९:३० प्रभाते

शुक्रवासरः

स्थानम् - श्रीकिरीटजीशीपुस्तकालयः



CENTER OF TRAINING

"Learning is not a spectator sport, get trained to participate".

The Center of Training at IITE is a pivotal hub dedicated to enhancing skills and capacity building for in-service teachers. Focused on sectors like Higher Education, School Education, Teacher Education, and Community Engagement, it successfully implements grant projects, including flagship programs with the Sainik School Society and initiatives on Climate Change and the Indian Knowledge System.

Director & COT Team
Center of Training, IITE

The Center of Training has conducted following training programs throughout December 2023, as of 27/12/2023.

निपुणता की ओर (In partnership with Government of Gujarat) NEP 2020: in School Education



INDIAN INSTITUTE OF TEACHER EDUCATION
CENTER OF TRAINING

Nipunta ki aur 'निपुणता की ओर' (Partnership with Government of Gujarat)

Two Days' Training on NEP: 2020 in School Education
16/12/2023 - 17/12/2023



The Center of Training at the Indian Institute of Teachers Education conducted a transformative two-day short-term training course on 'NEP 2020 in Education' for school teachers of Vidhyapith Ashramshala. Held on December 16-17, 2023, at the Indian Institute of Teachers Education in Gandhinagar, the training was made possible through the government's grant received for school teachers' training termed as 'निपुणता की ओर'. This marked the 13th training session under the project, with active participation from 70 dedicated teachers representing various Vidhyapeeth Aashramshalas across Gujarat State.

The inaugural event was graced by Chief Guest Mahendra Chotaliya, senior professor, in the esteemed company of Dr. Harshad Patel, the Honorable Vice Chancellor of IITE, and Dr. Sonal Thareja, the Director of the Center of Training. The training encompassed enriching sessions on introduction to NEP 2020 in School Education, Theater in Education, Toy-Based Pedagogy and Assessment Techniques aligned with NEP 2020. This collaborative effort not only elevated the learning experience but also symbolized a collective commitment to sculpting the future of education, laying the foundation for a brighter educational landscape.

वास्तुविद- A Journey of Engraving Students into Cadets



Indian Institute of Teacher Education
Center of Training



Under the endorsement of the 5-year MoU with the Ministry of Defence, the Center of Training at the Indian Institute of Teacher Education (IITE), Gandhinagar, has successfully launched the Vastuvid program- Induction Training, a 42 days blended training initiative for educators from CBSE schools newly affiliated with the Sainik School Society. Commenced on December 18th, 2023, the program was held at IITE, Gandhinagar and Fortune Inn Haveli, Gandhinagar, witnessed 40 participants.

The inaugural ceremony on December 18th was graced by Chief Guest Prof. Anil Gupta, a Padma Shree Awardee and IIM Ahmedabad alumnus, alongside Honorable Vice Chancellor Dr. Harshad Patel and Prof. Sonal Thareja, Director of the Center of Training at IITE. The week-long offline training, concluded on December 23rd, featured diverse sessions on topics. Additionally, participants engaged in enlightening field visits to LD Museum, IIT Gandhinagar, GIDM, Akshardham, Gandhi Ashram, and the Statue of Unity. Following this offline training, the participants are set to embark on a more extended and intensive phase of online/virtual training, commencing from 1st of January 2024, further enhancing their pedagogical skills and knowledge.



Faculty Promotion

Dr. Viral Bharatbhai Jadav



Subject: Education

No. of Research Papers Published : 45

No. of Book Published : 7

Experience : 20 Years

Future Goals & Aspirations : To give my best to the society

Level 13A to 14

Dr. Dipak K. Chaudhari



Subject: Social Science

No. of Research Papers Published : 9

No. of Book Published : 1

Experience : 16 Years

Level 10 to 11

Dr. Tejas Pavagadhi

Subject: Chemistry

No of Research Papers Published : 22

No of Book Published : 4

Experience : 10 Years

Future Goals & Aspirations : Implement innovative teaching methods to engage students



Level 11 to 12

Dr. Jumisree Sarmah Pathak

Subject: Physics

No. of Research Papers Published : 15

No. of Book Published : 2

Experience : 12 Years

Future Goals & Aspirations : To participate in research projects by national level funding agencies.



Level 11 to 12

Dr. Paras D Uchat



Subject: Mathematics

No. of Research Papers Published : 10

No. of Book Published : 2

Experience : 10 Years 04 Months

Future Goals & Aspirations : To establish Mathematics Laboratory for UG Students

Level 11 to 12

Dr. Sheetal Helaiya



Subject: Education

No. of Research Papers Published : 10

No. of Book Published : 2

Experience at IITE : 7 Years and 8 Months

Level 10 to 11

Dr. Roshni Adiyecha

Subject: Botany

No. of Research Papers Published : 9

No. of Book Published : 5

Experience : 10 Years and 5 Months

Future Goals & Aspirations : To achieve all the necessary skills and to enhance my teaching



Level 10 to 11

Level Up!



under CAS



Dr. Hemant Kumar Maurya



Subject: Special Education
No. of Research Papers Published: 12
No. of Book Chapters: 5
Experience: 5 Years & 5 months
Future Goals & Aspirations: To serve the society with providing good Education.

Level 10 to 11

Dr. Swarnabharati



Subject: English
No. of Research Papers Published: 12
No. of Book Published: 1
Experience: 20 Years

Level 10 to 11

Dr. Dhananjay V Deshmukh

Subject: Special Education

No. of Research Papers Published: 12
No. of Book Chapters: 3
Experience: 12 Years
Future Goals & Aspirations: Make the university more inclusive for students and teachers.



Level 10 to 11

Dr. Rashmi R. Bariya

Subject: Botany

No. of Research Papers Published: 6
Experience: 6 Years



Level 10 to 11

Dr. Rajesh Rathod



Subject: Education

No. of Research Papers Published: 16
No. of Book Published: 2
Experience: 13 Years

Level 10 to 11

Dr. Archana Patel



Subject: Gujarati Language and Literature

No. of Research Papers Published: 2
No. of Book Published: 1
Experience: 24 Years

Level 10 to 11

Dr. Keval J. Gadani

Subject: Physics

No. of Research Papers Published: 51
No. of Book Chapters: 2
Experience: 5 Years
Future Goals & Aspirations: -To develop a Career Counselling and Development Centre (CCDC) for IITE students.



Level 10 to 11

Dr. Kunjankumar N Shah

Subject: Mathematics

No. of Research Papers Published: 13
Experience: 11 Years
Future Goals & Aspirations: Developing new mathematical models



Level 10 to 11

Dr. Darshana B. Likhada



Subject: Mathematics

No. of Research Papers Published: 2
Experience: 5 Years 6 months
Future Goals & Aspirations: Research work in the field of Pure Mathematics

Level 10 to 11



STUDENT ACHIEVEMENT

Naiya Shashikant Sajjan
Ph.D Scholar, IITE, Gandhinagar

Namaskar,

I am Naiya Shashikant Sajjan. My academic journey commenced at Gujarat University, where I pursued both my graduation and post-graduation in Commerce. Driven by a passion for education and a desire to impart knowledge, I subsequently pursued B.Ed. and M.Ed. degrees from S.N.D.T University in Ahmedabad. These foundational qualifications laid the groundwork for my teaching aspirations.

After completing my education, I embraced the teaching profession with enthusiasm. My initial days into academia led me to RFS B.Ed. College in Bardoli, where I assumed the role of an Assistant Professor.

In 2014-15, following a move to Gandhinagar, I embarked on a new chapter in my educational journey. I joined JMP Gopalak Vidhyalaya in Sector 15 as a High School Teacher. Over two years, I had the privilege of instructing students in Commerce, Business Management, and Accountancy for classes 11 and 12. This role allowed me to deepen my expertise in these subjects and cultivate a nurturing learning environment for my students.

In 2017, my pursuit of academic excellence led me to Children's University, where I enrolled in the M.Phil. program. Under the esteemed guidance of Dr. Nilesh Patel, I delved deeper into my chosen field, further refining my research skills and academic acumen.

Two years later, in 2019, I decided to take a significant step forward in my academic journey by appearing for the Ph.D. entrance examinations.

I successfully cleared both the entrance tests, one at Gujarat University and the other at IITE Gandhinagar. Moreover, I excelled in the subsequent Group Discussion and Personal Interview (GDPI) rounds at both institutions.

However, after careful consideration and weighing the opportunities, I made the deliberate choice to pursue my Ph.D. at IITE Gandhinagar. This decision was rooted in my belief that the institute aligns perfectly with my academic aspirations and offers an environment conducive to meaningful research and scholarly pursuits.

In 2019, I started my research by taking an entrance exam and later got admitted after a successful interview in August. The next year, 2020, was crucial for my research. In July, I discussed my initial findings in a meeting, receiving helpful feedback. By October, I refined my methods and also worked on my studies to improve my research skills. In 2021, a meeting in June helped me analyze my data, setting the direction for my research. By 2022, after two more meetings, I was nearing the end of my research, highlighting its importance. In 2023, after final meetings, I completed my research and defended it in detailed sessions, showcasing my research results and findings.



During my four-year academic tenure, I have had the privilege of presenting several research papers. Notably, a selection of these papers has been published in reputable research journals.

As a regular student at IITE, I had the distinct privilege of attending all the lectures offline. Alongside my fellow researchers, I witnessed numerous research programs, academic events, cultural celebrations, and other festivities. This immersive experience at the institution has

been one of the most enriching chapters of my educational journey. Furthermore, as part of our educational training, we actively participated in delivering lectures, supervised classes during examination periods, offered guidance on lesson planning to budding teachers, and conducted classroom observations across various schools throughout the state. “We actively participated in the ‘Research Methodology’ course and the ‘Construction and Standardization of Teaching Aptitude Test’ course conducted online in 2021. Additionally, our contributions were evident in the PM e-Vidhya and ICSSR programs. Our involvement extended beyond these courses, as we provided support in various capacities for numerous other research and education-related initiatives.”

I consider myself fortunate to be associated with IITE as a research scholar. I am deeply grateful to my guide, Dr. Viral Jadav, and the Head of the Department, Prof. Prerana Shelat. They epitomize excellence and are invaluable assets to IITE.



DECEMBER ACTIVITY AT A GLANCE

1st December - 31st December, 2023

Hiral Jani

Curator, IITE, Gandhinagar

2nd December 2023 - "Art in Education" Workshop



A Workshop organized on "Art in Education" on 2nd December 2023 for the prospective teachers. Expert Mr. Jaydev G Dhandhiya has conducted the workshop with the amalgamation of multimedia and activity methods.

6th to 10th December 2023 - "Startup Conclave" Participation



participated in the Gujarat Vibrant Startup Conclave 2023 held at Helipad Exhibition Ground, Gandhinagar during 6th to 10th December 2023. Hon'ble Vice Chancellor has also visited the stall and motivated the team.

9th December 2023 - Ph.D. Awardee



Sutirth - December 2023 | 16

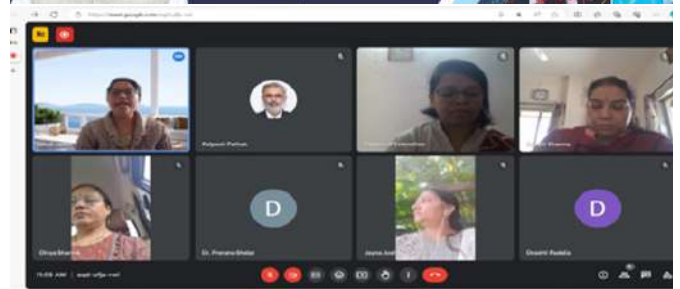
Our Ph.D. Scholar Ms. Naiya Shashikant Sajjan has successfully submitted her Ph.D in Education on title "Frustration among school teachers with reference to adjustment and emotional intelligence". She is awarded her Ph.D. Degree by Respected Vice Chancellor – Dr. Harshad Patel Sir.

10th December 2023 - Nobel Prize Day



IITE and GUJCOST has jointly organized a scientific talk entitled "Special outreach program on Nobel prize 2023" on the occasion of Nobel Prize Day at auditorium of IITE on 10th December 2023.

10th December 2023 - "Vikshit Bharat" - Panel Discussion - Faculty



on topic Good Governance and Securities with all the faculty members of Center of Education, IITE. The discussion was mainly focused on including the definition of developed India, the role of teacher

education, and the significance of democracy and disagreement, acknowledged the demographic dividend and stressed youth empowerment and participation, encouraged strategic planning, decentralized governance, and expressed optimism for India's future. The meeting concluded with a collective vision of a holistic and collaborative approach to realize the aspiration of a developed India by 2047.

11th December 2023 – Vikshit Bharat panel discussion

Faculty members of IITE, Gandhinagar along with Registrar and Hon'ble Vice chancellor has participated in panel discussion organized at Rajbhavan, Gujarat on 11th December 2023 and deeply understood the envision of Vikshit Bharat.

12th December 2023 : “Vikshit Bharat @ 2047 Wall Launch



Indian Institute of Teacher Education (IITE), Gandhinagar is proud to showcase a new wall design themed “Viksit Bharat@2047”. Respected Vice Chancellor along with Registrar, Director Center of Education and Director Center of Extension has launched the new design in-line with the Honourable PM Narendra Modi vision of Viksit Bharat @2047 and to help students understand the growth of our country over the years.

14.12.2023 – Vikshit Bharat on Teacher's Tune

Sutirth - December 2023 | 17

IITE's Radio station - Teacher's Tune has initiated the talk on the theme of Vikshit Bharat 2047. Experts are enlightening the Vision and Ideas about Viksit Bharat @2047 to aware the community and educational fraternities.

16.12.2023 – “निपुणता की और”



13th training under Grant Project ‘Nipunta Ki Aur’ of our two-day training on NEP 2020 in School Education, organized by the Center of Training, IITE Gandhinagar during 17th and 18th December 2023. 70 passionate teachers from Vidhyapeeth Ashramshala's of Gujarat State joined the training and contributing to a transformative learning experience. Chief Guest, Mehendra Chotaliya, an educationist and researcher, along with the Honourable Vice Chancellor of IITE, Dr. Harshad Patel, and the Director of Center of Training, Dr. Sonal Thareja has inaugurated the training on 17th December 2023.

16.12.2023 – Seminar



Women Development Captivating moments at the Seminar on 'Rashtra ke Vikas me Mahilao ki Bhumika' organized by the Women Development Cell and IQAC at IITE, Gandhinagar in collaboration with Bhartiya Shikshan Mandal. Dr. Anupa Chauhan, Principal of Government Arts College, Gandhinagar has given expert talk and her trailblazing thoughts ignited powerful discussion. Students and faculty members of IITE has participated in the seminar.

18th to 22nd December 2023 – PAR/ FAR





Continuing our best practice Performance/ Faculty Appraisal Report presentation of its 18th Cycle conducted during 18th to 22nd December 2023. Administrative and Academic Staff has given their appraisal report during this period.

18.12.2023 – “वास्तुविद”



The Center of Training at IITE, Gandhinagar organized 2nd batch of New Sainik Schools’ dynamic teachers kick-start their 42 days training, “Vastu Vid” during 18th December to 28th February 2023. Drenched in the spirit of education, training has honored to host the incredible Prof Anil Gupta, a Padma Shree Awardee and retired luminary from IIM Ahmedabad, as chief guest! Inauguration has been completed in august presence of esteemed Dr. Harshad Patel, Hon. Vice Chancellor at IITE Gandhinagar on 18th December 2023.

20.12.2023 – Patent Grant



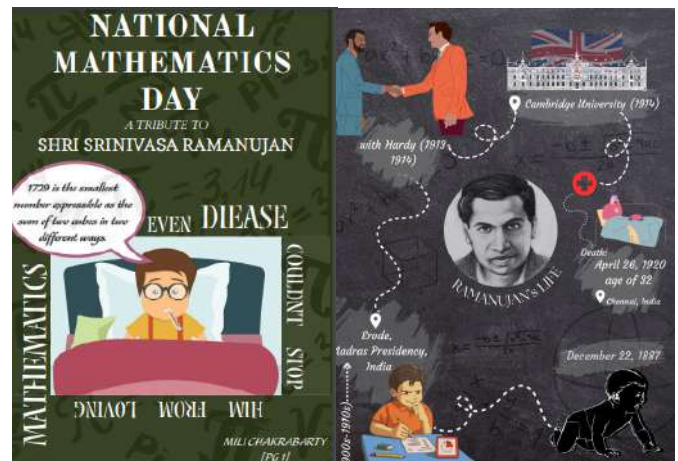
Prof. (Dr.) Himanshu Patel, Registrar, Indian Institute of Teacher Education and Professor, L. D. College of Engineering along with Dr. N. S. Patel, Dr. D. P. Vakharia, Dr. G. M. Deheri have been granted the patent for an invention entitled “Ferrofluid based Hydrodynamic Journal Bearing” for the term of 20 years.

21.12.2023 - Ek Bharat Shrestha Bharat Activity



Ek Bharat Shrestha Bharat is a strategic initiative led by IITE, aligning with the visionary goals set forth by our Honourable Prime Minister, Narendra Modi i.e. Viksit Bharat @2047. This initiative places emphasis on enhancing the teacher education content available in all the official languages of our diverse nation. Lectures has been recorded in Assamese, Kannad, Dogri languages on 21st December 2023.

22.12.2023 – National Mathematics Day Celebration



On the Occasion of National Mathematics Day IITE and GUJCOST collaboratively celebrated the day by organizing an event on “Maths for Viksit Bharat’ Dr. Bhaskar Kamble delivered a talk on “Maths for Viksit Bharat’, is an author, theoretical physicist and data scientist. Currently, he works as a data scientist in Berlin, Germany. He talked about ancient Mathematics, the connection of sulab sutras with theory of maths, contribution of Ramanujan and other Indian mathematicians in the development of Maths for India. The session was interactive and very fruitful to the students of IITE. The session was interactive and very fruitful to the students of IITE. The program was inaugurated in the presence of

Prof. H. C. Patel, registrar IITE and Dr. Sahoo, Advisor GUJCOST on 22nd December 2023 at IITE auditorium. We also Thank Dr. Bhaskar for donating his recent book “Imperishable Seed” to IITE library.

Indian Institute of Teacher Education celebrated the 136th birth anniversary of the Greatest Indian mathematician Srinivas Ramanujan on 22nd December 2023. The University has organised various events on this day. The university has Organised two competitions (1) Mathematics quiz competition (2) Mathematics poster competition The main objectives were to Develop Mathematical skills like Aptitude, Numerical ability, Reasoning, Art and craft and To be aware about life sketch of Ramanujan and his contributions. Around 40 students participated in these competitions. Students named Rahul Chhetariya, Anshu Jaiswal and Acharya Kandarp were won Mathematics Quiz. Winners of Mathematics Poster competitions were B.Vidhashri, Mili Chakrabarty and Prasad Prabhu. First three winners of these competitions were awarded by cash prize of Rs.1000, Rs.750 and Rs.500 respectively for each competition and certificates.

22.12.2023 – AIU Games



Kabaddi Women team of Indian Institute of Teacher Education were won against the Maharaja Chhatrasal Bundelkhand University’s team during AIU games organised at Maharaja Chhatrasal Bundelkhand University, Chhatarpur, M.P on 22nd December 2023.

22.12.2023 – “गीता जयंती”



Srimad Bhagavad Gita, which is accepted as a universal scripture in the whole world, which is a vision of life, is the only scripture whose birth anniversary is celebrated. The Geeta Jayanti festival was celebrated in a unique way by the Indian Institute of Teacher Education, Gandhinagar. A session of Gita Parayana was organized in the morning, where the students and teachers set and chanted the shlokas of Srimad Bhagavad Gita and celebrated गीता जयंती.

22.12.2023 – Faculty Achievement



IITE Congratulating well-deserved faculty members for their promotions under Career Advancement Scheme (CAS), UGC. Dr. Kunjankumar Shah, Dr. Keval Gadani, Dr. Archana Patel and Dr. Dipak Chaudhari got promoted from level 10 to 11. Dr. Jumishree Sarmah Pathak, Dr. Tejas Pavagadhi and Dr. Paras Uchat got promoted from level 11 to 12. Dr. Viral Jadav got promoted from level 13A to 14.

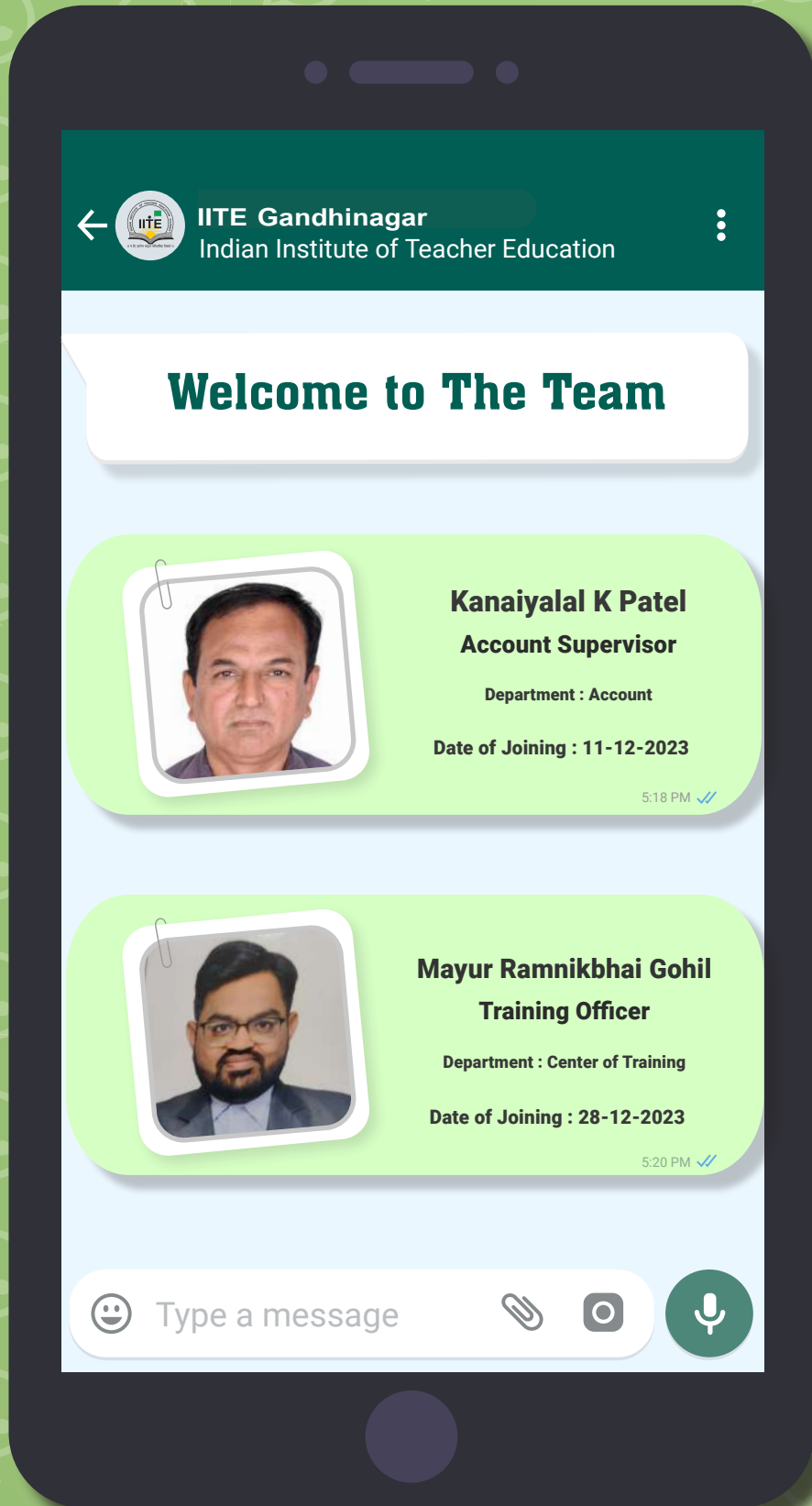
29.12.2023 – Research Project



ICSSR sanctioned a minor research project on “Assessing the Impact of Experiential Learning on Student Learning Outcomes in Middle Schools” of Dr. Viral Jadav, Professor and Dr. Jyoti Raval, Assistant Professor of IITE. IITE appreciated their efforts towards research.



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IITE Gandhinagar
Indian Institute of Teacher Education



Welcome to The Team



Kanaiyalal K Patel
Account Supervisor

Department : Account

Date of Joining : 11-12-2023

5:18 PM ✓



Mayur Ramnikbhai Gohil
Training Officer

Department : Center of Training

Date of Joining : 28-12-2023

5:20 PM ✓



Type a message



SOCIAL MEDIA UPDATES



Instagram

IITE, Gandhinagar is active on Instagram. Our official page has 6,342 followers. In December, the official Instagram Page of IITE reached 9,977 accounts. More than 1,751 accounts engaged with us this month.

Our attempt is to make the platform student friendly. We usually post - Reels, Posts, General Information, Quiz and more for the welfare of our students. It is an attempt to help students learn and stay informed with some fun. We also post achievements and creative reels by our Students and Faculty Members. This allows them to showcase their talent and get a digital stage for themselves.



Twitter

We are active on X. Our plan is to post important policies, MOU's, and post regarding innovative initiatives like Teacher's Tune daily. X also allows us to gather information through creative polls. X is a crucial social media platform that helps us with identifying trends and gathering global information



Facebook

Our official page on Facebook is as active as Instagram. Most of the content here is in-line with what we have on Instagram. In December, our official Facebook Page reached 18.5K accounts. 8.9K account engaged with us this month using Facebook. Our attempt is to make the platform Student and Faculty friendly. Most of our faculty members are active on Facebook. We also share information regarding various workshops, conferences and faculty achievements on our Facebook Page. Facebook allows us to provide stage and showcase world the work of our esteemed organization and its members.



