



**GUJARAT
TECHNOLOGICAL
UNIVERSITY**
AN INTERNATIONAL INNOVATIVE UNIVERSITY
(Accredited with A+ Grade by NAAC)
State Government University

विकसित भारत
अभियान
1947 TO 2047

आर्थिक

A Quarterly Newsletter

Volume 11 Issue 1 | October-December 2024

*“It is Not About Ideas.
It is About
Making Ideas Happen.”*



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Vice Chancellor

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Message from
THE VICE CHANCELLOR

Namaskar



As we conclude another enriching quarter at Gujarat Technological University, I am delighted to share some of the remarkable milestones we have achieved in this phase. Our collective efforts in innovation, research, and education continue to position GTU as a leading institution of global significance.

With immense pride and gratitude, we celebrate GTU's recognition at NIRF among top 100 universities under the 'State Public university' category, in the top 50 universities under the 'Innovation category' and GTU School of Pharmacy secured 70th rank in the Pharmacy category in India. GTU also received a 5-star under the Gujarat State Institutional Rating Framework (GSIRF) and stood in top 10 universities in Gujarat. These prestigious accolades reflect the university's unwavering pursuit of academic excellence, groundbreaking innovation, and impactful contributions to the education landscape. It stands as a testament to the collective efforts of our dedicated faculty, talented students and our industry partners propelling GTU to new heights.

The successful hosting of the All India Technical Vice Chancellors' Conclave reinforces GTU's commitment to fostering collaboration and driving thought leadership in the country. The platform not only facilitated the exchange of transformative ideas but also underscored the critical importance of implementing the forward-thinking National Education Policy (NEP) 2020. The launch of pioneering initiatives like GTU Ventures—an ecosystem designed to support startups and innovation—and GTU Syama Prasad Mookerjee Kendra for Industry and Lifelong Learning Skills, aimed at enhancing industry-ready capabilities, has further bridged the gap between academia and industry, empowering our students and faculty to lead in a competitive global environment.

GTU's efforts to build a globally integrated academic ecosystem continue to flourish through its global internship programs, expanding international collaborations, and meaningful strides in semiconductor and Deep Tech domain of AI, Cyber, EV, Robotics and Renewable Energy. This approach is steering our students on the global arena.

The quarter was also marked by events promoting Indian Knowledge System (IKS), innovation, environmental sustainability, and holistic development, such as the IDE Bootcamp, the Swachhata Hi Seva Plastic-Free Campus initiative, and the Meditation Day Celebration. Additionally, GTU's stellar performance in events like the Smart India Hackathon and the Swimming Championship exemplifies the talent and dedication of our students.

As we look forward to the new year, I extend my heartfelt gratitude to our faculty, students, and stakeholders for their unwavering commitment to GTU's mission. Together, let us continue to innovate, inspire, and lead the way toward a brighter future.

Dr. Rajul K. Gajjar
Hon'ble Vice Chancellor



Top Stories

GTU IS IN
TOP 100 RANKED
UNIVERSITY UNDER 'STATE PUBLIC
UNIVERSITY' CATEGORY FOR NIRF-2024

GTU IS IN
TOP 50 RANKED
UNIVERSITY UNDER 'INNOVATION'
CATEGORY FOR NIRF-2024

GTU-SCHOOL OF PHARMACY IS ON
70TH RANK
IN INDIA AND 6TH RANK IN
GUJARAT IN 'PHARMACY
CATEGORY' IN NIRF-2024

GTU secured a position among top 100 universities under the 'State Public university' category, in the top 50 universities under the 'Innovation category' and GTU School of Pharmacy secured 70th rank in the Pharmacy category in India under NIRF 2024



GTU achieved a prestigious 5-star rating in the Gujarat State Institutional Rating Framework (GSIRF) and secured a position among the top 10 universities in Gujarat.

21st October 2024

The Strategic Leadership Conclave for Principals on NEP and Innovation

The Strategic Leadership Conclave for Principals on NEP and Innovation was held on October 21, 2024, bringing together 220 participants, including principals and faculty members from Government and Self-finance colleges. This conclave served as both an informative session and a collaborative platform, enabling principals to exchange ideas, gain insights into NEP-driven innovations, and explore strategies for integrating these policies into their institutional frameworks.



28th October 2024

Director's and Vice Chancellor's meeting



On October 28, 2024, GTU hosted a significant meeting of Directors and Vice Chancellors with the aim to discuss the objectives and challenges in promotion of scientific and technological advancements within academic institutions. The active engagement highlighted the potential for transformative progress in research and innovation across Gujarat's academic landscape. By fostering collaboration, optimizing resources, and implementing targeted training programs, institutions can greatly enhance their contributions to scientific and technological development.

28th & 29th November 2024

All India Vice Chancellors of Technical Universities' conclave

The National Education Policy (NEP) 2020 represents a transformative blueprint for India's education system, emphasizing the creation of a learner-centric, holistic, and multidisciplinary education ecosystem. To address the emerging needs of the nation, higher technical education institutions play a pivotal role in its successful implementation. In this context, the All India State Technical University Vice Chancellor's Conclave was held at Gujarat Technological University on November 28 & 29, 2024.

GTU's Vice-Chancellor delivered an inspiring keynote, focusing on systemic changes for NEP implementation and sharing GTU's role in spearheading innovation and reform. In her address, the Vice-Chancellor highlighted GTU's unique achievements, including receiving ₹18.5 crore in IP funding, filing 123 patents, publishing 683 articles, and mentoring over 1,700 Ph.D. scholars. She also mentioned GTU's global reach, attracting students from 25 international institutions across 52 countries.

The session also marked the launch of two major initiatives:

1. **GTU Ventures:** A comprehensive ecosystem to support startups, technology transfer, and innovation, aiming to nurture entrepreneurial talent among students and faculty members.
2. **GTU SKILLS – Syama Prasad Mookerjee Kendra for Industry and Lifelong Learning:** A skill development hub focused on bridging the gap between academia and industry through customized courses designed to meet real-world demands.

Shri B. N. Pani commended the NEP's transformative potential, emphasizing academia-industry collaboration to meet evolving industrial needs. Highlighted GTU's curriculum advancements, such as semiconductor-focused courses, showcasing GTU as a leader in aligning academia with industry.

Dr. Pankaj Mittal (AIU) stressed the need for university-level changes, with institutions defining their roles as teaching, research, or degree-awarding universities. Advocated for utilizing ABC effectively and transitioning from program-based to course-based admissions. Suggested internships each semester for technical universities and leveraging AI and digital tools for modern education.

Shri Sunaina Tomar called for reimagining traditional education methods and promoting skill, innovation, and holistic development. Encouraged reflection on NEP action plans for future review.

Prof. T. G. Sitharam (AICTE) discussed the significant progress achieved under NEP, including growing GER and course-wise registrations. Highlighted upcoming launches like a supernumerary seat portal and flexible working professional programs. Promoted interdisciplinary learning, industry collaboration, and innovation, citing AICTE's leadership in advancing STEM education.

Dr. Atul Kothari stressed Indian Knowledge Systems (IKS) for holistic education. Emphasized research orientation from the first year and the necessity of student task forces for effective NEP implementation.

Shri Unnat Pandit encouraged fostering creativity and problem-solving in students. Shared examples of innovative startups and emphasized the importance of participation and flexibility in course selection under NEP.



11th December 2024 Smart India Hackathon 2024 in Collaboration with SAC-ISRO

The 7th Smart India Hackathon (SIH) 2024, hosted by Gujarat Technological University (GTU) in collaboration with SAC-ISRO, featured 339 participants tackling diverse problem statements with ISRO's support. Distinguished guests, including Prime Minister Narendra Modi, engaged with participants. GTU and its colleges showcased 19 teams at various nodal centers, emphasizing innovation and talent development.



2024 Initiatives for Implementation of NEP at GTU



 MoU



Intel Technology India Pvt Ltd 01-10-2024

INTI International University & Viswing Global Solutions 19-11-2024

Australian Institute of Advanced Technologies & Education hub of Australia Pvt. Ltd. 26-11-2024





Global Connect



Visit of Delegates from Philippine
16th October 2024

Dignitaries visited:

- Dr. Raymundo Arcega, President and Executive Director/University President
- Prof. Wendell Delos Reyes, Vice President (VP)
- Prof. Marilyn Tangon, VP for Administration
- Dr. Maricelle Nueva, College President
- Dr. Kharen Jane Ungab, VP for Academic Affairs
- Dr. Yolanda Lira, VP for Academic Affairs
- Atty. Fortunato Lira, Senior Law Practitioner
- Ms. Anna D. Coseteng, President & CEO
- Mr. Ravish Shah, Head- International Co-operation & New Initiative, RRU

Objective of Meeting: For collaboration of student and faculty exchange programs.



Visit of Delegates from Virginia Commonwealth University, Richmond
17th December 2024

Dignitaries visited:

- Dr. Manu Gupta, Dean of the Graduate School and Vice Provost at Virginia Commonwealth University, Richmond
- Mr. Shivaprakash Aduvalli Ramaswamy, India Coordinator, Virginia Commonwealth University-School of Business

Objective of Meeting: To discuss about the various opportunities and collaboration (i.e Dual Degree in UG Program, Credit Transfer, MS in Engineering 3.5+1.5 Model, Internship & Research Opportunities)



Visit of Delegates from Virginia Commonwealth University, USA
26th December 2024

Dignitaries visited:

- Mr. Jigar Raval (IRS), First Secretary, Income Tax Overseas Unit & Community Affairs
- Dr. Monali Prajapati, Convener, Research Advisory Council, Government Polytechnic Gandhinagar

Objective of Meeting: To discuss about collaboration opportunities with Virginia Commonwealth University, USA



Academic Initiatives and Activities

07th October 2024 to 11th October 2024

FDP on Design Thinking and Entrepreneurship



Gujarat Technological University (GTU) proudly announces the successful conclusion of its 60th Faculty Development Program (FDP) on Design Thinking and Entrepreneurship. Organized by the Centre for Industrial Design, this five-day program aimed to enhance faculty members' capabilities in applying Design Thinking principles and entrepreneurial skills in their teaching methodologies. The FDP brought together 36 faculty members from various institutions across Gujarat. Under the expert guidance of distinguished speakers and trainers, participants engaged in an intensive curriculum designed to foster creativity, innovation, and problem-solving.

22nd October 2024 to 29th October 2024

FDP on Indian Knowledge System

Gujarat Technological University (GTU) organized a Faculty Development Program (FDP) on the Indian Knowledge System (IKS) from October 22-29, 2024. The program witnessed active participation from several faculty members of GTU-affiliated colleges. The FDP covered a comprehensive range of topics, including Governance & Management, Science in Sanskrit, Vastu Shastra, Oral Traditions in IKS, Vedic Literature, Upanishads, and more. Several esteemed experts and scholars shared their knowledge, offering the participants valuable insights into various facets of Indian heritage, culture, philosophy, and traditional knowledge systems. The program proved to be a tremendous success, with participants expressing positive feedback. It played a crucial role in enhancing their understanding of the Indian Knowledge System, fostering a collaborative academic environment, and encouraging further exploration of this rich heritage.



19th November 2024

Intellectual Property Rights the Foundation for Strategic Nation Building



On November 19, 2024, Gujarat Technological University (GTU) hosted a pivotal talk on "Intellectual Property Rights: The Foundation for Strategic Nation Building" at its Chandkheda campus. The event emphasized the vital role of IPR in promoting innovation, safeguarding creative works, and driving economic growth. Organized by the GTU Intellectual Property Facilitation Centre (IPFC) and the DPIIT SPRIHA IPR Chair, the event underscored GTU's dedicated efforts toward building a skilled workforce and shaping the nation's economic future, aligning with the vision of the Honorable Prime Minister.

22nd November 2024

Intellectual Property & Tech Transfer Workshop



Gujarat Technological University (GTU), in collaboration with the Ministry of Education's Innovation Cell, Government of India, organized a workshop titled “IP & Tech Transfer” on November 22, 2024. Facilitated by the GTU Intellectual Property Facilitation Centre (IPFC) and DPIIT SPRIHA IPR Chair, the event aimed to strengthen the regional innovation and entrepreneurship ecosystem by fostering collaboration between higher education institutions (HEIs) and industry stakeholders.

22nd November 2024 to 23rd November 2024

Innovation Design and Entrepreneurship (IDE) Bootcamp for School Teachers



The Innovation, Design, and Entrepreneurship (IDE) Bootcamp, hosted by Gujarat Technological University (GTU) on November 22-23, 2024 in collaboration with AICTE, MIC, CBSE, and NCERT, brought together 161 school teachers from across Gujarat to foster innovation, design thinking, and entrepreneurship in education. The event successfully equipped educators with actionable strategies to inspire and mentor young innovators, marking a significant step towards building a culture of innovation in schools.

21st December 2024

A Roundtable meeting on Paving the Future Innovations and Challenges in Renewable Energy



Gujarat Technological University (GTU) hosted a Roundtable Meeting on Renewable Energy on December 21, 2024, bringing together industry experts, academicians, government officials, and thought leaders to discuss the future of renewable energy and its role in addressing the global energy crisis. The focus was on skill-based training programs designed to equip students with the skills needed to work in the field of renewable energy. Key topics included thrust areas of research in renewable energy, challenges in grid integration, and potential remedies. Experts emphasized the importance of industrial visits for engineering students to transform their thinking processes regarding renewable energy sources.



Research Initiatives, Outcomes and Activities

16th October 2024

A Vision for India to Lead in Semiconductor R&D and Manufacturing (What, Why & How?)



On October 16, 2024, Gujarat Technological University's R&D Cell organized an insightful seminar, bringing together 33 participants to delve into the nation's potential to emerge as a global leader in the semiconductor industry. The seminar highlighted India's aspirations and emphasized the pivotal role of technological advancements, robust policy frameworks, and strengthened industry-academia collaborations in driving semiconductor research and manufacturing. The discussions underscored the importance of fostering innovation ecosystems and investing in cutting-edge infrastructure to position India as a key player in the global semiconductor market.

Research outcomes summarized



95

Research Publications



9

Awarded Patents



35

PhD Thesis Defended

Extramural Research Grant/Fellowship

Sr. No.	Project Title	PI/Co-PI	Collaboration	Funding Scheme
1	Exploring the Potential of Algal Nutrients for Cell Growth and Understanding Its Mechanism at a Molecular Level	Dr. Vaibhav Bhatt Dr. Anupama Modi	Gujarat Biotechnology University	Research Support Scheme, GSBTM, DST, GoG
2	Plant Metabolomics	Mr. Mayur Gondalia Dr. Udaykumar Vegad	Savitribai Phule Pune University	Ayush Fellowship Program



Events

Swachhata Hi Seva Plastic Free Campus 01st October 2024

The "Swachhata Hi Seva: Plastic Free Campus" program, organized by GTU in collaboration with PG Schools and the Atal Incubation Centre (AIC GISC Foundation, GTU Innovation Council), focused on promoting environmental sustainability. NSS volunteers, students, staff and faculty members actively participated in collecting plastic waste as part of this initiative. The campaign not only promoted cleanliness but also encouraged all participants to take personal responsibility for reducing plastic pollution and safeguarding the environment.



Lecture series Bharat – Tirth Self Discovery & Pursuit of Excellence: 11th October 2024

GTU successfully organized the 10th edition of its Bharat Tirth Lecture Series on October 11, 2024 at the Chandkheda campus. The lecture focused on the theme of "Self-Discovery and the Pursuit of Excellence" by Shri Ajay Kumar Tomar. This event attracted over 94 participants, including senior academic staff, and university leadership.



Navratri Mahotsav 2024 11th October 2024

GTU Family has always taken initiatives for the celebration of various festivals and events. In this regard, Navratri was organized on October 11, 2024 in the premises of GTU. Prizes were also awarded for Best Performer (Male/Female), Well Dressed (Male/Female) and Kids category and GTU PG students in this event.



Event of Empowering Student towards Innovation: 15th October 2024

The "Empowering Youth Towards Innovation" event, organized as part of the Students' Day celebration, aimed to inspire school students to explore the realms of innovation and entrepreneurship. Featuring an Innovation Showcase and insightful talks by startup founders, the event provided students with a practical understanding of the startup ecosystem while encouraging them to embrace creativity and entrepreneurial thinking.





Panel discussion on Work-Life Balance for Women: 19th October 2024

Vidushi Gargi Centre for Women Development held an inspiring panel discussion on "Work-Life Balance for Women". Leading professionals from versatile domains discussed the challenges and strategies for balancing work and personal life.



Lecture series Bharat – Tirth Self Discovery & Pursuit of Excellence: 21st October 2024

Gujarat Technological University successfully hosted the 11th edition of its Bharat Tirth Lecture series on October 22, 2024 at the Chandkheda campus, focusing on the themes of Self-Discovery and the Pursuit of Excellence. The event was attended by over 176 non-teaching staff members, senior faculty, and university leadership.



Snehmilan at GTU

08th November 2024

As part of our cherished tradition, GTU celebrated Sneh Milan on the auspicious occasion of Vikram Samvat 2081. This vibrant gathering brought together our community to honor India's rich cultural heritage through shared festivities, fostering unity and a deep sense of togetherness.



Blood Donation Camp

30th November 2024

Gujarat Technological University (GTU), in collaboration with Pratham Blood Centre and Divya Bhaskar, organized a blood donation camp on November 30, 2024 at Chanakya Hall, GSMS, Ahmedabad.



Orientation Programme 2024 for first year Foreign Student

05th December 2024

GTU-DIR organized a Orientation for First Year Foreign Students on December 5, 2024 at GTU Chandkheda campus. Total 119 students who are studying in various institutes and belongs to various countries have attended this program.

Press meet of Smart India Hackathon 2024 **08th December 2024**

A press conference was held on December 8, 2024 at SAC-ISRO, Ahmedabad. SIH 2024 continues to serve as a platform for young talent to address real-world challenges, advancing India's vision of a developed nation by 2047 through creativity, technical skills, and entrepreneurial spirit.

Innovation Exploration Program **16th December 2024**

The Innovation Exploration Program – 2024, organized under UNICEF's Young Innovators Platform (YIP), brought together educators, students, and key dignitaries to foster a culture of innovation and active problem-solving. The event focused on equipping young minds with the tools and mindset to address real-world challenges.

Meditation Day Celebration **21st December 2024**

On December 21, 2024, GTU's Samvad (The Happiness Center) marked World Meditation Day by organizing a special meditation session for all staff members. Held in the A-2 hall, the session saw the participation of 100 academic and administrative staff members. The event aimed to promote mindfulness and well-being within the university community.

All India University Swimming Championship 2024-25 **21st December 2024 & 24th December 2024**

Gujarat Technological University (GTU) swimmers delivered outstanding performances at the South-West Zone Swimming-Diving Competition held at SRM University, Chennai, Tamil Nadu, at December 21-24, 2024. Ms. Ashna Chevli, a student of GEC, Surat, an affiliated institution of GTU, achieved remarkable success by securing the gold medal in the 10-meter high board diving event. She also earned silver medals in the 3-meter and 1-meter springboard diving events. Additionally, Ms. Ripsa Jani, a student of VVP College, Rajkot, another GTU-affiliated institution, showcased her talent by qualifying for the All India competition in the 50-meter freestyle category.





Milestones of Affiliated Institutes

Achievements of New L. J. Institute of Engineering and Technology, Bodakdev, Ahmedabad

Sr. No.	Name of Student	Accomplishment	Date and Place of Event
1	Druvi Vala	Bronze Medal All India Karate Championship & Sardar Patel Karate Cup 2024	19 th -20 th October 2024, Haridwar 15 th December 2024, Science City, Sola, Ahmedabad
2	Briyona Sanghavi	Interview with Akashwani- All India Radio on Youth and Cyber Security	4 th November 2024 Ahmedabad
3	Bhargav Bedekar	2 nd Runner Up, RBIQ Quiz	25 th November 2024



Shri K. J. Polytechnic & GEC, Bharuch

A team of six students from Shri K. J. Polytechnic & GEC, Bharuch named "SENSE CL2" representing Gujarat Technological University took part in Hardware edition of Grand Finale of SMART INDIA HACKATHON 2024 which was held at PIET, Panipat, Haryana between December 11-15, 2024. Team SENSE CL2 secure 1st Position winning a cash prize of Rs. 1 lakh.

VVP Engineering College takes pride in being awarded the prestigious Gold+ (Advanced) band in the Mental Health and Wellbeing (MHW) Rankings by R. World Institutional Ranking (RWI). Since its establishment in 1996, VVP Engineering College has aimed to foster character along with education and to shape responsible citizens with degrees. In line with this mission, the college has always prioritized the welfare and mental health of its students, faculty, and staff. As a result, VVP Engineering College has been awarded the Gold+ (Advanced) band in the MHW rankings by R. World Institutional Ranking (RWI).

V.V.P. Engineering College, Rajkot





Photo Gallery



All India Vice Chancellors of Technical Universities' conclave on 28th & 29th November 2024



Development Week celebrations 2024



Navratri mahotsav 2024 on 11th October 2024



Road Safety Awareness Programme on 31st December 2024



Smart India Hackathon 2024 on 11th & 12th December 2024



Pre- State NSS Day Selection Process 19th September 2024

City AhmedabadMirror

GTU curriculum set for revamp

GTU to have 6-mth internship for engg courses, redesigned cours

Engineering colleges under GTU to undergo massive changes from 2024 academic year; focus shifts to making students job-ready post studie

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Engineering colleges under the Gujarat Technological University (GTU) are set to undergo a massive change in the curriculum, credit score bifurcation, flexibility of mode of learning and getting wider industry exposure through longer periods of internship, likely to be implemented from the 2024 academic year.

Expected to be implemented for diploma and degree engineering courses, the curriculum revamp is being done with the Indian Institute of Technology, Gandhinagar (IIT-GN) and focuses on making it industry-oriented. This will help students to be more employable at the end of the four-year course.

The revamp will bring change for an estimated 4 lakh students enrolled in GTU's government, grant-in-aid and affiliated private colleges.

Essence of Indian Knowledge System

Officials in the Gujarat education department said that engineering students will not only study engineering subjects, but the beginning start with a three-week-long orientation program with the essence of the Indian Knowledge System.

Officials highlighted that against the current system of physical classes, up to 20% of course credits will be for online or MOOC courses. "SWAYAM-NPTEL MOOCs basket will be offered against the regular syllabus," Professionals/Open



Credit bifurcation for degree engineering & diploma engineering students

Courses Category	Degree Engg	Diploma
Humanities and Social Science	8	8
Basic Science Courses	20	18
Engineering Science Courses	23	11
Professional Core Courses	65	47
Professional Elective relevant to chosen specialization	24	15
Multidisciplinary Open Professional Electives	9	6
Internship in Industry or elsewhere	15	12 + 3 (Project)
Mandatory Non-Credit Courses-Audit Course	0	0
Skill-Based Course/Training	2	2
Total	166	120

Electives categories in the 5th, 6th, and 7th semesters. In these semesters, the MOOC basket will be offered (option) against one professional or of a maximum of 4 - in three semesters mentioned," said an official.

Six-month internships

One of the most important changes is to have an entire semester for internship.

"A six-month-long internship in the 8th semester, a full-time internship in the relevant industry, comparable to MOOCs, will be implemented. This is planned to give hands-on experience in the employable," said the official. The students can also explore entrepreneurship potentials during this period, while working with start-ups and new-age entrepreneurs.

Non-engineering subjects

To make students multi-disciplinary, the Gujarat education department has also introduced non-engineering subjects as part of the curriculum.

"For example, students will study 8 credit courses on humanities and social sciences including management courses, 2 weeks or 60 hours for skill-based training offered by Skill India, the Ministry of Skill Development and entrepreneurship. They will be able to take up 2 credit courses in universal human values, 4 credits for probability and statistics, 3 credits for professional ethics and

Focus on Semiconductor

With Gujarat being projected as the next semiconductor industry, the new curriculum is also set to have 3 credit courses on Fundamentals of Semiconductor and Test. In the Gujarat education department, Banubhushini Pasi said, "The being revamped keeping in mind reforms under National Education Policy-2020, to be able to make students more industry-ready and employable, keeping in mind the rapidly changing landscape of the Indian Constitution as well," the official added.

BACHELORS CAN BE DOCTORS WITHOUT BECOMING MASTERS

The only catch? They need 75% aggregate score in BE



Niyati.Rana@ahmedabadmirror.in | Posts @NiyatiMIRROR

Aspiring PhD candidates at Gujarat Technological University (GTU) no longer need a master's degree, thanks to a new policy aligned with the University Grants Commission (UGC) 2022 notification. Starting from Engineering (BE) degree and a 75% aggregate or equivalent CGPA can directly apply for the PhD programme. Previously, a master's degree was a

prerequisite for PhD aspirants. However, with the implementation of the National Education Policy and the UGC's 2022 circular, GTU has revised its admission criteria.

Tapping research potential

GTU Vice Chancellor Rajul Gajjar said this change aims to "tap research potential more." A senior GTU official added that the goal is to enable students to

pursue their research interests earlier in their academic careers. "As per the rules, students completing a 4-year course or 8-semester course with an aggregate of 75% or equivalent CGPA are eligible for PhD admission," the official explained. "However, they must appear for the GTU conducted entrance test and present as part of the admission process."

CONTINUED ON PAGE 4

epaper.ahmedabadmirror.com

AhmedabadMirror Thu, 05 December 2024
https://epaper.ahmedabadmirror.com/c/76358225

Startup idea



• ડૉ. વૈભવ ભટ્ટ
ડિરેક્ટર AIG GISC
ફાઉન્ડેશન, GTU

હેલ્થટેક, એડટેક, ફિનટેકમાં સ્ટાર્ટઅપની ડિમાન્ડ વધી છે

હેલ્થટેક, એડટેક, ફિનટેક, ઇકોમર્સ જેવા ઉદ્યોગો સ્ટાર્ટઅપ માટે સૌથી વધુ તકો ધરાવે છે. આ ક્ષેત્રોમાં ટેકનોલોજીનો વ્યાપક ઉપયોગ અને ડિજિટલાઇઝેશન સાથે જોડાયેલી સેવાઓની માંગ સતત વધતી જાય છે. સફળ સ્ટાર્ટઅપ માટે શ્રેષ્ઠ માર્કેટ રિસર્ચ, ગ્રાહકની જરૂરિયાતોની ધનિષ્ઠ સમજ, અને ટેકનિકલ નિપુણતા હોવી જરૂરી છે. સ્ટાર્ટઅપ માટે નિરંતર શીખવાની ટેવ અને માર્કેટની પરિસ્થિતિઓ સાથે લવચીકતા રાખવી પણ આવશ્યક છે. આરોગ્ય, કૃષિ, શિક્ષણ અને શહેરી વિકાસ જેવા ક્ષેત્રોમાં નવીન ઉકેલો લાવીને લોકોના જીવનમાં વધુ ગુણવત્તાવાળી સુધારણા લાવી શકાય છે. આ ઉદ્યોગોમાં આરોગ્ય સુવિધાઓમાં વૃદ્ધિ, કૃષિ ઉત્પાદન વધારવા પર ધ્યાન રાખવું જોઈએ.

સ્ટાર્ટઅપ • શહેરનાં દંપતીએ બાળકોને STEM એજ્યુકેશન આપતી પ્રોડક્ટ બનાવી 'મેક એન બ્રેક' બાળકોની લર્નિંગ પ્રોસેસ સુધારે છે

અમદાવાદ : ગુજરાત ટેકનોલોજિકલ યુનિવર્સિટીના અટલ ઈન્ક્યુબેશન સેન્ટરના સ્ટાર્ટઅપ 'મેક એન બ્રેક'ને તાજેતરમાં જ બેસ્ટ ઈનોવેશન આઈડિયાનો એવોર્ડ એનાયત કરાયો છે. બાળકોને ગેમિંગ સાથે લર્નિંગ આપતું આ સ્ટાર્ટઅપ પ્રોડક્ટ STEM એજ્યુકેશન માટે ઉપયોગી સાબિત થયું છે. છેલ્લા એક વર્ષમાં આ સ્ટાર્ટઅપે દેશભરમાં 6 હજારથી પણ વધુ પ્રોડક્ટનું વેચાણ કર્યું છે. તેમજ તાજેતરમાં તેમણે પ્રોડક્ટને વધુ સારી બનાવવા માટે ફંડ પણ રેઈઝ કર્યું છે. શહેરના દંપતી નિરજ શર્મા અને માનસી શર્માએ તેયાર કરેલ આ સ્ટાર્ટઅપ બાળકોને પોતાનું રમકડું જાતે તૈયાર કરવાની મજા સાથે એક અલગ પ્રકારનું લર્નિંગ પણ આપે છે.



આ ટોચ પ્રોડક્ટ્સ DIY કોન્સેપ્ટથી તૈયાર કરાયા છે. DIY કોન્સેપ્ટથી તૈયાર કરવામાં આવેલ આ ટોચ પ્રોડક્ટમાં બાળકો રમકડું બનાવીને તોડીને ફરીથી તેને તૈયાર કરી શકે છે. જેનાથી તેમનામાં નવું ક્રિએટિવ કરવાની ક્ષમતા કેળવાય છે. સાથે એન્જિનિયરિંગના જુદા જુદા મિકેનિઝમ, મશીન સિસ્ટમને પણ શીખી શકાય છે. હાલ અમારી પાસે 24 પ્રોડક્ટ્સ છે, જેની કિંમત રૂ. 150 થી 2000 સુધીની છે.

બાળકો ટોચ સાથે રિયલ લાઈફમાં મશીન સમજે માટે આ શરૂઆત કરી બાળકો રમકડાંની સાથે રિયલ લાઈફમાં મશીન, મિકેનિઝમની સમજ કેળવી શકે તેવા આશયથી 'મેક એન બ્રેક' સ્ટાર્ટઅપ શરૂ કર્યું હતું. 2021 થી આ પ્રોડક્ટ ડેવલપમેન્ટ માટે કામ કર્યું. ત્યારબાદ 2023 થી વેચાણ શરૂ થયું. શરૂઆતમાં અમે 45 હજાર જેટલી પ્રોડક્ટ્સ બ્રાન્ડ નામ વિના જ વેચી, પણ ત્યારબાદ 6 હજાર જેટલી પ્રોડક્ટ્સ બ્રાન્ડ નામ સાથે વેચી શક્યા છીએ. નિરજ શર્મા, માનસી શર્મા, કોફાઉન્ડર



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A Quarterly Newsletter

Volume 11 Issue 1 | October-December 2024

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