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Column'



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Victoria - Australia >> Contd. p.5..



Jelena Kovacevic Ekonomska škola Požega Pozega - Croatia >> Contd. p.2..

China issues US study abroad warning



EJ News - Agency

hina's Ministry of Education issued the first study abroad alert for 2025. According to the ministry, the state of Ohio in US has recently passed a bill on higher education that contains negative clauses related to China and imposes restrictions on educational exchanges and cooperation between colleges and universities in China and the US.

The Ministry of Education regood security risk assessment and enhance their awareness of precaution when choosing to US in the near future.

Culture and Tourism on Wednesday also issued a risk alert for Chinese tourists traveling to the tem, said the commission.

US, citing the recent deterioration in China-US economic and trade relations as well as the domestic security situation in the US.

The Customs Tariff Commission of China's State Council announced Wednesday that China will raise additional tariffs for imported goods originating in the US to 84 percent from 34 percent from April 10.

On April 8, the US further increased the so-called "reciprominds all students to make a cal tariffs" on Chinese products exported to the US to 84 percent from 34 percent. The US escalation of tariffs against China is a study in the relevant states in the mistake on top of a mistake; it seriously infringes upon China's Meanwhile, China's Ministry of legitimate rights and interests and gravely undermines the rules based multilateral trading sys-

Furthermore, if tariffs create a low-growth economic environment in China, it is likely that Chinese families will continue to be sensitive to return on investment and career outcomes, applying to more universities across multiple destinations.

Meanwhile, despite student visa revocations sparking global outrage and postgraduate interest in the US plummeting by 40%, F-1 visa issuance to Chinese students currently remains somewhat sta-

While other large markets such as India and Nigeria are trending downward, F-1 visa issuance to Chinese students dropped by just over 5% over the past year, with 1,117 visas issued to Chinese students in February 2025, according to the State Department.

NTA 'lapses' in NEET-UG 2024: SC closes case as Centre assures to implement panel suggestions

EJ News - New Delhi

The Supreme Court Monday closed a matter over the functioning of the National Testing Agency (NTA) in holding last year's NEET-UG after the Centre was assured of implementing exam reforms suggested by its expert panel.

A bench comprising Justices PS Narasimha and Joymalya Bagchi took note of the Centre's compliance reports on the issue and the submissions of its solicitor general, Tushar Mehta, as it disposed of the plea.

Mehta said the Centre had accepted all the suggestions of the seven-member panel, except one, NTA conducting online NEET exams- for the time being.

"Over 26 lakh students take up NEET across India, and the government will have to ascertain the availability of internet and computers... this will take some time," he said, "but the report (of the expert panel) has been accepted".

Nothing survived in the case, and it can be disposed of, Mehta added.

The bench noted the submissions and the developments, sayng no further order was required.

The top court August 2, last year, refused to annul the contentious NEET-UG of 2024, saying there was no sufficient material on record to indicate a systemic leak or malpractice compromising the integrity of the examination.



It had expanded the remit of the seven-member expert panel, headed by former Indian Space Research Organisation (ISRO) chief K Radhakrishnan, to review NTA's functioning and recommend exam reforms to make the NEET-UG (National Eligibility cum Entrance Test Undergraduate), transparent and free from malpractices.

January 2, Mehta said the Centre-appointed committee filed its report and assured that the government would implement all of the panel's recommendations.

October 21 last year, the top court extended the time granted to the Centre-appointed expert panel to file its report on exam reforms.

The NEET-UG is conducted by the NTA for admission to undergraduate medical programs.

While expanding the scope of the expert panel, the top court had flagged multiple lapses on the part of NTA like the security breach at an examination centre in Jharkhand's Hazaribagh where the rear door of the strongroom

>> Contd. p.2..



The Use of AI in a Pedagogical **Environment**

rtificial Intelligence has Itransformed numerous industries, and education is no exception. It is a powerful and valuable tool for educators as it enhances teaching efficiency by automating clerical tasks, allowing educators to focus on meaningful feedback and student interaction. In a pedagogical environment, AI supports personalized learning, streamlines administrative duties, and fosters student engagement. As an experienced educator involved in international projects and EFL teaching, I have explored AI tools to improve language acquisition, assessment, and collaboration. This article provides insights into AI's role in education, along with examples from my classroom practice

AI for Personalized Learning

One of the most significant advantages of AI in education is the ability to tailor learning experiences to individual students. Adaptive learning platforms, such as Duolingo and ChatGPT, adjust content difficulty based on students' responses, ensuring they receive appropriate challenges. Additionally, AI-powered tools like Grammarly and Socratic by Google don't just highlight errors but offer step-by-step explanations and suggest contextsensitive corrections, supporting independent learning and helping students improve their writing skills progressively. Quizlet uses AI-powered study modes to help students memorize vocabulary

and key concepts. In my EFL classroom, I have used AI-driven vocabulary quizzes, such as Kahoot! and Quizizz. These popular tools crezes, and AI analyzes quiz results to recommend additional learning resources based on individual needs.

feedback on writing assignments helps students recognize

ing immediate, formative feedback which provided pronunciation through automated assessments.

AI-driven assessment tools provide instant feedback, enabling students to identify and correct their mis-Additionally, AI-generated takes in real-time. For instance, I have utilized automated essay-scoring platforms, like Turnitin which

corrections and suggestions. These tools increase student confidence and reduce the fear of making mistakes in a traditional classroom setting.

Furthermore, I have utilized NaturalReader, a user-friendly plat-



Jelena Kovacevic Ekonomska škola Požega *Pozega -* Croatia

modern education, especially in international projects such as Erasmus+. AI-powered translation tools, such as Google Translate, have facilitated communication between students from different linguistic backgrounds. In a recent eTwinning project, my students used AI-driven virtual exchange platforms to connect with peers across Europe, such as Flipgrid, an interactive video platform that allows students to share videos, engage with peers, and collaborate on tasks remotely. It uses AI to help analyze responses, provide feedback on communication skills, and even suggest ways to improve video presentations. Such tools enabled them to share ideas, develop intercultural competencies, and engage in meaningful discussions despite language barriers and foster a global learning community. AI for Teacher Support and

Administrative Efficiency In addition to enhancing student learning, AI also plays a crucial role in supporting teachers with administrative duties, allowing more time for personalized instruction. Automated grading systems, attendance tracking, and lesson planning tools have streamlined my workload, enabling me to focus on interactive

and student-centered activities. AI-powered chatbots also serve as teaching assistants, answering students' common queries and guiding them through learning

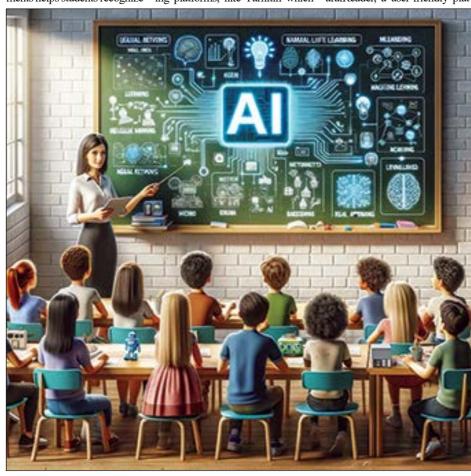
Ethical Considerations and Challenges

Despite its benefits, AI in education poses challenges, including data privacy concerns, academic dishonesty, over-reliance on technology, and the risk of diminishing human interaction. To address data privacy concerns, it is essential for educators and institutions to choose AI tools that comply with privacy regulations such as GDPR. Furthermore, balancing AI use with face-to-face interaction will prevent students from becoming overly dependent on technology and potentially lose valuable interpersonal communication skills.

It is crucial to implement AI tools ethically, ensuring student data security and maintaining a balanced approach where technology supplements rather than traditional teaching replaces

Conclusion

AI has immense potential to revolutionize education by personalizing learning, enhancing collaboration, and supporting educators. My experience integrating AI into EFL teaching and international projects demonstrates its ability to engage students, improve language skills, and create a dynamic learning environment. However, educators must use AI thoughtfully, prioritizing student needs and maintaining the essential human connection in teaching. As AI continues to evolve, embracing its possibilities, while being mindful of its limitations, will be key to fostering a successful pedagogical environment.



patterns in their errors and refine their skills in a supportive

AI in Language Teaching and Assessment

Building on the personalized learning experience, AI also plays a crucial role in provid-

offers immediate, formative feedback, suggestions for improving clarity and argument strength and provide a score for the essay, with feedback on specific areas.

During a recent project, my students practiced speaking skills using AI-powered voice assistants, form that converts text to speech and offers multiple voice and language options, plus can adjust the reading speed and voice pitch.

AI in Collaborative Learning and International **Projects**

Collaboration is essential in

Locked In, Learning Out: How Escape Rooms Are Breaking the Code for **Engagement in the Classroom**

 $\mathcal{F}_{ ext{and}}^{ ext{ orget the drone of lectures}}$ textbooks. Imagine this: the clock is ticking, hieroglyphs swirl on a projected wall, and your team is frantically piecing together clues – a forgotten pharaoh's riddle, a hidden lever, a desperate race against a sandstorm of knowledge. Welcome to the Escape Room Classroom, where learning isn't just a task, it's a thrilling, adrenaline-pumping adventure.

We've all seen the escape room craze sweep the nation, but now, this immersive, puzzle-solving phenomenon is infiltrating our schools, transforming education from a passive experience to a full-blown mental workout. Teachers are ditching the traditional "chalk and talk" for intricate narratives, coded messages, and challenges that demand collaboration and quick thinking.

Why the Hype? Because Learning Shouldn't Be a Snooze-Fest.

Let's face it: traditional classrooms can sometimes feel like a slow-motion documentary on the history of boredom. Escape rooms, on the other hand, ignite a fire in students. They're not just memorizing dates; they're deciphering ancient maps to navigate the French Revolution. one survives alone. Students



They're not just solving equations; they're disarming a virtual bomb threatening to derail a space mission.

Brain Boost: Forget rote learning. Escape rooms force students to think critically, analyze information, and strategize under pressure. It's like a mental gym, building cognitive muscles they didn't even know they had.

•Team Triumph: In these

learn to communicate, delegate, and rely on each other's strengths. It's a crash course in teamwork, disguised as a heart-pounding ad-

• Engagement Overload: The immersive nature of escape rooms creates a sense of urgency and excitement that traditional lessons can't match. Students are so engrossed in the experience that they don't even realize they're learning.

• Real-World Skills, Real-World locked-room scenarios, no Fun: Escape rooms simulate realworld problem-solving, teach-

ing students how to apply their knowledge in practical, engaging ways.

From Ancient Egypt to Quantum Physics: The Escape Room Revolution

The beauty of the Escape Room Classroom lies in its versatility. It can be adapted to any subject, transforming even the most daunting topics into captivating challenges.

 History Comes Alive: Imagine navigating the treacherous wa-



Ana Kobuladze Educationist Kutaissi-Georgia

ters of the Silk Road, deciphering coded messages from spies during World War II, or unraveling the mysteries of the Mayan civilization.

Science Gets Supercharged: Students can conduct virtual experiments, solve complex scientific puzzles, and even design their own escape rooms to test their peers' knowledge.

Math Made Magical: Forget worksheets. Escape rooms transform math into a thrilling game, where students must crack codes, solve riddles, and use their mathematical skills to escape.

Literature Leaps Off the Page: Students can step into the shoes of their favorite characters, decipher hidden meanings in classic novels, and even write their own escape room narratives.

The Digital Escape: Learn-

ing Without Limits

Thanks to technology, escape rooms are no longer confined to physical spaces. Virtual escape rooms allow teachers to create immersive learning experiences that can be accessed from anywhere, anytime. This opens up a world of possibilities for remote learning and personalized educa-

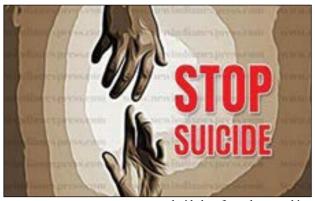


The Escape Artist Within Us All

The Escape Room Classroom isn't just a trend; it's a paradigm shift. It's a testament to the power of immersive learning and the human desire to solve puzzles and overcome challenges. It's a reminder that learning can be fun, engaging, and downright thrilling. So, are you ready to unlock your potential and escape the ordinary? The adventure awaits.

Education Jagat educationjagat.com +91 920120 92004

The task force on student suicides appointed by the SC has established a portal for data collection



EJ News - New Delhi

he Supreme Court-appointed National Task Force (NTF) on the mental health concerns of students and the prevention of suicides in Higher Educational Institutions (HEIs), in its second meeting, discussed developing a portal for data collection.

The NTF meeting, which was held under the Chairmanship of Justice S. Ravindra Bhat, a former SC judge, also discussed the existing regulations and guidelines.

"During the meeting, actions taken so far were reported and discussed in detail. Agenda points included developing a portal/website for data collection; reports and regulations/guidelines; dissemination of questionnaires; gathering support from different sectors; onboarding of officers from DoSEL and MoHFW; coordination with institutions and NIEPA, among others," said a statement from the Union Education Ministry.

The meeting, which was held on April 12, had disability rights advocates, psychologists, and professors as its members.

decided to form three working groups, each responsible for a different task.

"The progress of working groups so far was discussed. This includes compiling and reviewing previous reports, examining existing laws and regulations, and developing a methodology for designing questionnaires," said the state-

On March 24, the Supreme Court issued significant directions concerning the prevention of student suicides in higher education institutions.

The judgment underscored the urgent need for comprehensive measures to address mental health concerns among stu-

The apex court also constituted chairmanship of Justice Bhat, along with other experts from various domains as members, to discuss and deliberate on issues related to mental health concerns among students, the prevention of suicides in educational institutions, and to recom-

The key areas of focus include identifying predominant causes leading to student suicides, such as academic pressure, discrimination, financial burdens, and the stigma surrounding mental health; analysing the effectiveness of existing student welfare and mental health regulations/ policies; and proposing reforms to strengthen institutional frameworks and create a supportive academic environment.

The members include Dr Alok Sarin, Consultant Psychiatrist, Sitaram Bhartia Institute of Science and Research, New Delhi; Prof. Mary E. John (retired), Former Director, Centre for Women's Development Studies, New Delhi; Arman Ali, Executive Director, National Centre for Promotion of Employment for Disabled People; Prof. Rajendar Kachroo, Founder, Aman Satya Kachroo Trust; Dr Aqsa Shaikh, Professor of the Department of Community Medicine in Hamdard Institute of Medical Sciences and Research, New Delhi; Dr Seema Mehrotra, Professor of Clinical Psychology, NIM-HANS; Prof. Virginius Xaxa, Visiting Professor at the Institute for Human Development (IHD). New Delhi; Dr Nidhi S. Sabharwal, Associate Professor, Centre for Policy Research in Higher a National Task Force under the Education, National University of Educational Planning and Administration, New Delhi; and Aparna Bhat, Senior Advocate (as amicus curiae).

The Task Force's ex-officio members include Dr Vineet Joshi, Secretary of the Department of Higher Education, Min-

In the meeting, the task force also mend preventive measures. istry of Education; Amit Admissions begin for BSc in Data Science and AI at IIT Guwahati

TIT Guwahati has invited applica-Lions from interested candidates for its BSc (Hons) in Data Science and AI. The four-year Bachelors of Science (Hons) in Data Science and Artificial Intelligence programme will be offered by the Mehta Family School of Data Science and Artificial Intelligence. The course is designed to equip students with cutting-edge skills in AI and Data Science, providing industry-aligned learning, global exposure, and flexible exit options.

The registrations for the course started on April 14, 2025 and will close on May 30, 2025. The programme will begin on September 1, 2025. For more information and application submission, applicants can visit official website: www. iitg.ac.in/oes/odp/

Programme allows multiple entry-exit

students to take an exit at different stages with recognised certifications. Those who exit the course after first year are awarded with an Advanced Certificate in DS and AI. Applicants who pursue two-year course are eligible for a Diploma in DS and AI, those who complete the three-year course are eligible for BSc Degree in DS and AI. After the completion of four-year course, candidates are eligible for BSc (Honours) Degree in or earn a second degree from DS and AI.

gap to continue their education. cluding high school graduates from both science and non-



a premier institute. It is also board or university Students who exit at Certifi- ideal for working professioncate, Diploma, or BSc degree als and entrepreneurs seeking stage can rejoin after a one-year to upskill in AI and Data Science, as well as individuals The program is designed for a looking to transition into new diverse range of learners, in- careers or expand their expertise in high-demand fields.

Class 12 or equivalent with science backgrounds who minimum 60 per cent marks tory online course is available wish to pursue a dual degree (aggregate) from a recognised to help students prepare)

Trump administration freezes \$2.2 billion in grants to Harvard over campus activism



EJ News - Agency

he federal government says it's freezing more than \$2.2 billion in grants and contracts to Harvard University, since the institution said Monday it won't comply with the Trump administration's demands to limit activism on campus. In a letter to Harvard last Friday, the administration called for broad government and leadership reforms, a requirement that Harvard institute what it calls "merit-based" admissions and hiring policies as well as conduct an audit of the study body, faculty and leadership on their views about diver-

The demands, which are an update from an earlier letter, also call for a ban on face masks — which appeared to target pro-Palestinian protesters. They also pressure the university to stop recognizing or funding "any student group or club that endorses or promotes criminal activity, illegal violence, or illegal harassment." Harvard President Alan Garber, in a letter to the Harvard community Monday, said the demands violated the university's First Amendment rights and "exceeds the statutory limits of the government's authority under Title VI," which prohibits discrimination against students based on their race, colour or national origin.

"No government — regardless of which party is in power should dictate what private universities can teach, whom they with its agenda. Harvard's de- Congress.

areas of study and inquiry they can pursue," Garber wrote, adding that the university had taken billions of dollars in cuts. extensive reforms to address an-

These ends will not be achieved by assertions of power, unmoored from the law, to control teaching and learning at Harvard and to dictate how we operate," he wrote. "The work of addressing our shortcomings, fulfilling our commitments, and embodying our values is ours to define and undertake as a community." The demands of Harvard are part of a broader push of using taxpayer dollars to pressure major academic institutions to comply with President Donald Trump's political agenda and to influence campus policy. The administration has also argued that universities allowed what it considered to be antisemitism to go unchecked at campus protests last year against Israel's war in Gaza; the schools deny it.

Harvard is one of several Ivy League schools targeted in a pressure campaign by the administration, which also has paused federal funding for the University of Pennsylvania, Brown, and Princeton to force compliance

lated the university's First Amendment rights. can admit and hire, and which mand letter is similar to the one that prompted changes at Colum-

bia University under the threat of

•The Harvard funding freeze came after the university

said it would not comply with the Trump administra-

•Harvard President Alan Garber said the demands vio-

tion's demands regarding campus governance.

The demands from the Trump administration prompted a group of alumni to write to university leaders calling for it to "legally contest and refuse to comply with unlawful demands that threaten academic freedom and university self-governance.' "Harvard stood up today for the integrity, values, and freedoms that serve as the foundation of higher education," said Anurima Bhargava, one of the alumni behind the letter.

"Harvard reminded the world that learning, innovation and transformative growth will not yield to bullying and authoritarian whims." It also sparked a protest over the weekend from members of the Harvard community and from residents of Cambridge and a lawsuit from the American Association of University Professors on Friday challenging the cuts.

In their lawsuit, plaintiffs argue that the Trump administration has failed to follow steps required under Title VI before it starts cutting funds, and giving notice of the cuts to both the university and

Mathematics as a compulsory subject in Class 12 or equivalent

Direct admission for candidates who were eligible for JEE (Advanced) in any year Other candidates must pass an online qualifier test (a prepara-



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As a South Asian, What will my future career be?

As a South Asian, the path many people do not feel drawn to these traditional fields. often filled with challenges, opportunities, and a strong cultural emphasis on achievement. However, while societal expectations and external pressures most important question to ask when contemplating your future career is: What is your passion? The essence of a fulfilling and

So, how do you approach a career outside of these well-established professions? It's about finding a niche that excites you and investing in it with dedicaplay an undeniable role, the tion and persistence. Regardless of whether your passion lies in the arts, technology, business, or craftsmanship, the key is to become an expert in your field. prosperous career begins with But remember, the road less

open-minded and eager to learn. The goal should always be to understand how systems work and how you can use your skills to contribute to and transform those systems. By exposing yourself to different ways of thinking, you'll be able to develop creative solutions that may be outside the box. This broad exposure will play a significant role in shaping your approach



Nuwan Dissanayaka Global Expert in Education

kandy - Sri Lanka

traveled comes with challenges. You must be willing to face ad-

is the foundation of all successful careers. The Importance of Passion in Your Career

the understanding that no matter

what profession you choose, the

most crucial factor is whether or

not you enjoy doing it. Passion

The pressure to pursue highstatus professions like medicine, engineering, or law is often overwhelming in many South Asian communities. Parents, extended family, and society at large frequently expect these paths to ensure financial security and societal respect. However, it's crucial to take a step back and assess whether you genuinely enjoy these professions. For instance, becoming a doctor may bring financial rewards, but if your heart isn't in it, you may find yourself unfulfilled and constantly battling burnout.

Now, some might argue, "But doctors get paid more!" This is true. Doctors often earn significant salaries, but the question is, are vou willing to sacrifice your personal happiness just for a paycheck? The reality is, regardless of the profession, the key to success lies in passion.

If you're not passionate about the job, the work will feel like a chore, regardless of the compensation. On the other hand, if you truly love what you do, the re- sions are a product of experiwards go beyond financial gain. ence, and experience often skills and passion can truly Take, for example, Heinz Georg Baus, a carpenter who, driven As a South Asian, especially in The Power of Creativity and by his passion, built a company worth around \$3.8 billion USD. His story illustrates an essential truth: the profession itself is not as important as the level of passion and dedication you bring to to success.

Selecting Your Profession

Once you've identified your passion, the next step is to decide what profession aligns with it. The most commonly sought-after professions such as medicine, engineering, and accounting have well-defined career paths. These fields typically provide structured routes to success, with clear guidelines reer progression. As a result, if you're interested in one of

versity, because this is how you

truly learn and grow. The Journey to Mastering Your Craft

The first step toward mastering your craft is to find the right place to study and hone your skill. Remember, smooth seas never made skilled sailors. The journey will be challenging, and you will face many obstacles. One of the most important aspects of learning is finding the right teacher—someone who has mastered the craft and can pass on their knowledge and wisdom to you. A good teacher will help you navigate the complexities of your chosen profes-

However, while formal education is vital, life is the best teacher. The real learning begins when you step out into the world and apply what you've learned in practical settings. Start small. Offer your services and products. You might find yourself underpaid, undervalued, or even scammed by unscrupulous individuals. But these setbacks are invaluable lessons that no textbook or classroom can provide.

Experience teaches you decision-making, resilience, and problem-solving. Good decicomes from making mistakes. an emerging economy like India, Pakistan, Bangladesh, or Sri Lanka, this phase of "life learning" is crucial. Every misstep or failure is simply a stepping stone

The Importance of Challenging Environments

Once you've acquired the necessary skills and experience, it's time to work in environments that will push you to grow. Aim for challenging work environments that will stretch your capabilities and help you develop a broader perspective. Sometimes, stepping outside your comfort zone and working in on education, training, and ca- a foreign country can provide unique opportunities for growth. When you enter new environthese fields, the path is already ments, especially in a foreign a way that no one else has. By mapped out for you. However, context, it's essential to remain solving a critical problem, you

to problem-solving and innova-

Moving Beyond the Mirage of First-World Dreams

As a South Asian, there's often a strong desire to move to "firstworld" countries in search of better job opportunities, higher pay, and a better standard of living. While these places may offer certain advantages, it's important to recognize that the 'first world" is becoming more of a mirage. The industrial revolution is nearing its end, and the world is shifting in profound

The true economic revolution is happening in Asia. Countries like China, India, and others are rapidly transforming into global powerhouses. As a result, the future of wealth and prosperity is no longer confined to the West. Instead, Asia is emerging as the new epicenter of innovation. entrepreneurship, and economic opportunity.

While many may still believe that a visa to a first-world country guarantees success, the reality is that you can achieve far more by staying in Asia and tapping into the opportunities presented by the changing economic landscape. Asia is teeming with untapped potential and challenges that demand creative solutions. This is where your make a difference.

Innovation

At this stage of your career, your focus should shift toward using your creativity and skills to solve real-world problems. Every successful entrepreneur, artist, and innovator shares one common trait: they identify a burning problem and provide a unique solution. This is the moment where you have the opportunity to turn your passion into something extraordinary.

Think of your career as a vehicle for change. Your goal should be to identify a problem in the world-whether it's related to technology, education, healthcare, the environment, or any other field-and create a product or service that addresses it in create immense value for yourself and others.

This is where your potential to become a billionaire comes into play. Success will not be defined by how much money you make, but by how well you are able to solve the problems that matter most to society. Money will naturally follow when you focus on making a meaningful impact.

Conclusion

As a South Asian, the journey to a fulfilling and successful career begins with self-reflection. Find your passion and pursue it relentlessly. Seek out the right education, mentors, and opportunities to develop your skills. Embrace the challenges and setbacks that life throws your way, as they are the building blocks of success. Ultimately, your career is about more than just making money—it's about making a difference. In the new economic landscape, Asia is leading the way, and your skills and creativity can play a crucial role in shaping the future.

The world is changing, and the opportunities to create something extraordinary are greater than ever before. The future is in your hands, and your passion will be the driving force behind your success. So, what will your future career be? Whatever it is, make sure it's something that excites you, challenges you, and allows you to make a lasting impact on the world.

NTA 'lapses'...

was opened and unauthorised people were permitted to access question papers; transportation of question papers by e-rickshaws and distribution of wrong set of question papers among the candidates.

Aside from Radhakrishnan, other panel members were Randeep Guleria, B J Rao, Ramamurthy K, Pankaj Bansal, Aditya Mittal and Govind Jaiswal.

The bench said the remit of the committee, in addition to the areas suggested by the Centre and the NTA, should encompass examination security and administration, data security and technological enhancements.

The bench had asked it to further include policy and stakeholder engagement, collaboration and international cooperation, and recommendations for providing mental health support to students and training of NTA staff.

Over 23 lakh students took up the NEET-UG in 2024 for admissions to MBBS, BDS, AYUSH and other related courses.

In November last year, the top court dismissed a petition seeking a review of the August 2 verdict by which it had refused to allow a fresh NEET-UG 2024 examination.

For a Better World:...

Higher Education

8. Reinvigorating Climate Change Education in Universities a Social Transformative Agenda

Xolani Khalo, Benjamin Damoah

30 Sep 2023

9. Transformative Potential of Higher Education Institutions in Fostering Sustainable Development in India

Neha Goyal, Mamta Tripathy, Varsha Singh

1 Jun 2023-Anthropocene Science

10. Sustainability education and community development in higher education using participatory and case based approaches in India

Souresh Cornet, Saswat Barpanda, Marc-Antoine Diego Guidi

28 Feb 2024-International Journal of Sustainability in Higher Education

11. Keynote Talk: Education for Sustainable Development - Enabling Higher Education and Enhancing Community Engagement

M. Tabucanon

10 Oct 2023

12. Higher education and the sustainable development goals.

Maia Chankseliani, Tristan McCowan

1 Jan 2021-Higher Education 13. Towards Global Equity in Higher Education Marco Molinari

22 Jun 2023

14. Universities as the engine of transformational sustainability toward delivering the sustainable development goals: "Living labs" for sustainability

Wendy M. Purcell, Heather A. Henriksen, John D. Spengler 20 Jun 2019-International Journal of Sustainability in

Higher Education 15. Higher education as a change agent for sustainability in different cultures and con-

Jennie C. Stephens, Maria E. Hernandez, Mikael Román

Education **16.** Educational innovations supported by AI, VR, AR and metaverse technologies

11 Jul 2008-International Jour-

nal of Sustainability in Higher

Alejandro Acuña López, Antonio Juárez, Rubén Vázquez Esquivel

25 Oct 2024

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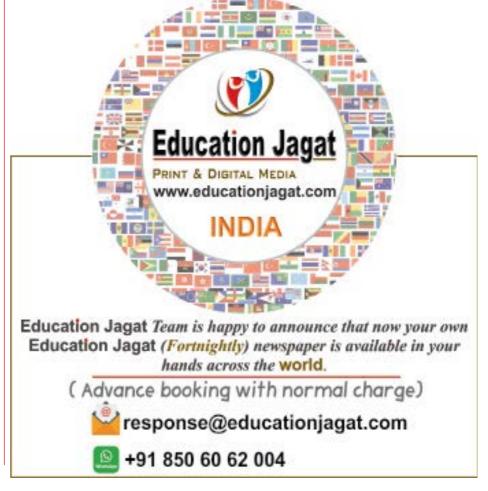
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https://fastercapital.com/topics/the-role-of-education-infostering-entrepreneurialmindset-in-a-mixed-economy.



For a Better World: The **Role of Higher Education in** Transformative Change"...

- Funding Limitations: Despite their critical role, universities often face budget constraints. Securing funding for SDG-focused projects requires consistent effort, lobbying, and innovative financing models.
- · Complex Stakeholder Dynamics: Universities must navigate differing interests among students, governments, corporations, and NGOs. Aligning these often-competing priorities can be an uphill battle. • Complex Stakeholder Dynamics: Universities must navigate differing interests

driven analytics will play a vital Utilization: AI systems may role in predicting disease outbreaks, tracking pandemics, and identifying at-risk populations before issues escalate.

• Enhanced Diagnostics: Future AI systems will refine their ability to analyze medical imaging, such as MRIs or CT scans, improving early detection of diseases and reducing diagnostic errors.

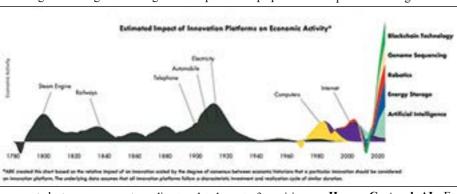
3. AI in Climate and Environmental Action

• Climate Adaptation: AI models will help governments and organizations predict and prepare for

play a role in conceptualizing and implementing strategies for terraforming planets like Mars and utilizing extraterrestrial resources sustainably.

7. AI and Human-AI Collabo-

• Augmented Intelligence: AI will increasingly serve as a partner to human intelligence, amplifying our abilities rather than replacing them. This collaboration could unlock new frontiers in creativity, decision-making, and problem-solving.



corporations, and NGOs. Aligning these often-competing priorities can be an uphill battle.

Opportunities:

- Digital Transformation: Technologies such as machine learning and blockchain can revolutionize SDG-focused research. For instance:
- · Predictive analytics can optimize resource allocation in dis-
- · Blockchain can enhance transparency in fair-trade supply
- Student Activism: Students are increasingly becoming agents of change, driving sustainability initiatives within and beyond campuses. From advocating for divestment in fossil fuels to organizing climate marches, their activism amplifies the university's role as a sustainability hub.

The future of Innovation in Universities and HEIs through Artificial Intelligence (AI)

An exciting and dynamic frontier, for the Universities and the HEIs will shape how humanity engages with technology, society, and global challenges. An exploration of the future potential and implications of AI across various sectors

1. AI in Future Technologies

- Autonomous Systems: AI will continue driving advancements and robotics. Self-driving cars, for instance, will likely become a norm, reducing traffic accidents and optimizing urban transportation systems.
- · Generative AI: The rise of models capable of generating text, images, music, and even video content will revolutionize creative industries, education, and communication.
- · Quantum AI: Integration with quantum computing will exponentially increase AI's processing capabilities, enabling solutions to previously unsolvable problems in fields like drug discovery, climate modeling, and cryptography.

2. AI in Healthcare

- Personalized Medicine: AI will enable the design of individualized treatment plans based on a patient's genetic profile, lifestyle, and health history, making healthcare more precise and
- Predictive Healthcare: AI-

- among students, governments, climate-related events, from rising sea levels to extreme weather pat-
 - **Sustainability Optimization:** AI technologies will optimize the management of energy resources, improve recycling processes, and help design sustainable cities through smart grids and efficient transportation systems.
 - Biodiversity Monitoring: AIpowered drones and remote sensors will monitor ecosystems, track endangered species, and identify areas requiring urgent conservation efforts.

4. AI in Work and Society

- **Workforce Transformation:** AI will automate repetitive tasks across industries, enabling humans to focus on roles requiring creativity, critical thinking, and emotional intelligence. While this will create new job opportunities, it will also necessitate reskilling efforts to bridge the gap.
- Global Collaboration: AI tools for translation, communication, and virtual collaboration will bring together diverse cultures and disciplines, fostering a more interconnected and cooperative global
- Social Good: In areas such as poverty alleviation and education, AI-powered solutions can provide personalized learning platforms, microloans, and predictive social welfare initiatives.

in autonomous vehicles, drones, 5. Ethical and Regulatory Challenges

- Ethical AI Development: The ethical governance of AI will become increasingly crucial as its influence grows. Future AI systems will need to prioritize fairness, transparency, and accountability to prevent bias and misuse.
- Global Regulations: Governments and international bodies will focus on harmonizing AI regulations to ensure responsible innovation while fostering global competitiveness.
- AI Safety: Future developments will include robust safeguards to ensure AI systems remain under human oversight, particularly in high-stakes areas like military applications.

6. AI in Space Exploration

- **Autonomous Exploration:** AI will enable autonomous spacecraft to explore distant planets, analyze their conditions, and send meaningful insights back to Earth, accelerating space discovery.
- Terraforming and Resource

- Human-Centered AI: Future AI systems will focus on enhancing human well-being, with applications designed to complement human values and emotional needs.
 - 8. Emerging Innovations and Theoretical Advances
 - Artificial General Intelligence (AGI): Progress in AGI—where machines achieve human-like cognitive abilities—will redefine relationships between humans and technology, prompting ethical discussions and societal adaptation.
 - Neuro-Symbolic AI: Combining neural networks with symbolic reasoning could lead to AI systems that are both intuitive and explainable, addressing current limitations in interpretability.
 - AI and the Brain: Research into brain-computer interfaces (BCIs) may integrate AI with the human brain, enabling enhanced cognitive functions and new ways of interacting with the digital world.

9. AI for Global Equity

- Bridging the Digital Divide: AI systems will work to close the gap in digital literacy and technology access, empowering underserved communities worldwide.
- Equitable Access: Future advancements in AI will focus on democratizing access to healthcare, education, and economic opportunities, ensuring no one is left behind in the digital transformation.

Experts predict the Internet will become 'like electricity' less visible, yet more deeply embedded in people's lives for good and ill

The future of AI holds immense promise, offering transformative possibilities across all sectors of society. From healthcare and education to space exploration and sustainability, AI has the potential to create a more equitable, efficient, and resilient world. However, this notential must be carefully managed with robust ethical guidelines, transparent governance, and inclusive innovation strategies to ensure it benefits humanity as a whole.

Conclusion

Higher education institutions are change agents of soci-

on Climate Change, (UNEP) that was awarded the Nobel Peace Prize in 2007, was awarded Amrita Devi Bishnoi Medal in 2013, Citation by the Zoological Society of India in Environmental Sciences and UNESCAP Hon'ble Mention. He is Member of International Institute of Strategic Studies, (IISS), London, Indian Insti-

He is a recipient of Hiro-Shima Peace Award in

2016, Presidential Award, Re-

public of India (2003) Profes-

sor (Dr) Anoop Swarup has

over 40 years of distinguished

professional experience in di-

verse roles as futurist, educa-

tionist, poet, peace activist, life

scientist, social entrepreneur,

and as civil servant with the In-

dian Civil Service (IRS:85) in

senior roles.He was appointed

as United Nations Representa-

tive with the UNSC at New

York by UN Secretary General

He is honored with several

distinctions such as the High-

est Award of Recognition by

Soka University, Tokyo in

2016, Honorary Doctorate

by George Washington Uni-

versity of Peace, Fellow of

Royal Society of Arts, London

(FRSA), a Global Environ-

ment Outlook Reviewer with

the Intergovernmental Panel

Ban ki Moon in 2007

An alumnus of Universities in India and Australia, he holds a Doctorate and four distinguished Masters with First Positions and University Gold Medals in diverse fields that include Management, Finance, Defense & Strategy and Life Sciences. He has been a Fulbright Visitor to United States (2004), Mahatma Gan-

dhi National Fellow (2002),

Ausaid Fellow (2001), re-

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tute of Public Administration

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MSc (1ST Position Gold Medal), MS (High Distinction), MBA (AGSE, Australia), MPhil (Gold Medal), PhD, PSC, FZSI, FAB, FWBI, FRSA (London) Victoria - Australia

cipient of NCERTs National Science Talent Scholarship (1971), UGCs JRF (1980), CSIRs SRF (1981).

He is the Founding Vice Chancellor of Jagran Lakecity University, 2012 to date, Vice Chancellor of Shobhit University (2008) also being the Chairperson, Governing Council of 'Centre for Global Nonkilling' (CGNK), Hawaii since 2015, Founder, 'Global Knowledge Alliance' (GKA) in 2014, Chair, Centre for Pavement Excellence (CPEAP) at RMIT University, since 2015 and Co- the Millennium', Bio Inno-Founder 'Nextomics' (2015) vations and Entrepreneurat Melbourne, Australia. He ship', 'The World of Money has also been the Founder laundering, Commercial Trustee of 'Indian Council of frauds & Financial Crimes Gandhian Studies' (ICGS) in and 'Regional Economic 2001, Chairman, Melbourne Engagements & Free Trade School of Knowledge Management (MSKM) in 2006 and Human Dignity and Hu-tional Journal on Contemmiliation Studies (HDHS) porary Research', Chief Ediin 2011. He founded 'Samb- tor of 'International Journal hav' Trust for de addiction in of Contemporary Research 2008, 'Sambhavami' not for in Engineering and Technolprofit society to promote mi- ogy' and Editor 'Nice Jourcro enterprises in 1992 and nal of Business', listed in conceptualized the 'National

Reconstruction Corps' in 1998, 'UNDP-NYKS Poverty Alleviation Awards' in 1999 and the 'Millennium Youth Parliament' in 2000 that was presided by the Prime Minister.

He has been a speaker, resource person and a Visiting Professor with Universities and Institutions internationally such as Monash University, Australia, Lancaster University, UK, IISS Geneva, WTO and WCO Brussels, WIPO Washington DC, United Nations Development Program (UNEP), United Nations Environment Programme (UNEP), United Nations Fund for Population (UNFPA) and the United Nations Volunteers (UNV).

His several research papers have a cumulative citation of 2200, h index 21 and i10index of 30 as per Google citations, Notable books are 'Aloha' and 'Arcadia' Book of Poems. 'Give Nonkilling a Chance', released by former President of India, 'Give Nonviolence a Chance' released by the former Prime Minister at India International Centre, New Delhi, 'Indian Civilization Through Agreements' He is the Editor at Large of 'Jagran Interna-Cabel's Directory, USA.

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-2.0 -1.5 -1.0 -0.50.0 etal transformation, playing a critical role in addressing global challenges and fostering sustainable development. Through their contributions to education, research, and community engagement, HEIs have the potential to drive transformative change across various global

regions. However, realizing this potential requires addressing the challenges faced by HEIs, including institutional resistance, limited resources, and the dominance of Western knowledge systems. By fostering collaboration, pro-

moting equity and inclusion, and leveraging innovative pedagogical approaches, higher education institutions can continue to play a central role in shaping a sustainable and inclusive future. The insights from the contexts provided highlight the importance of contextualized governance, active external col-

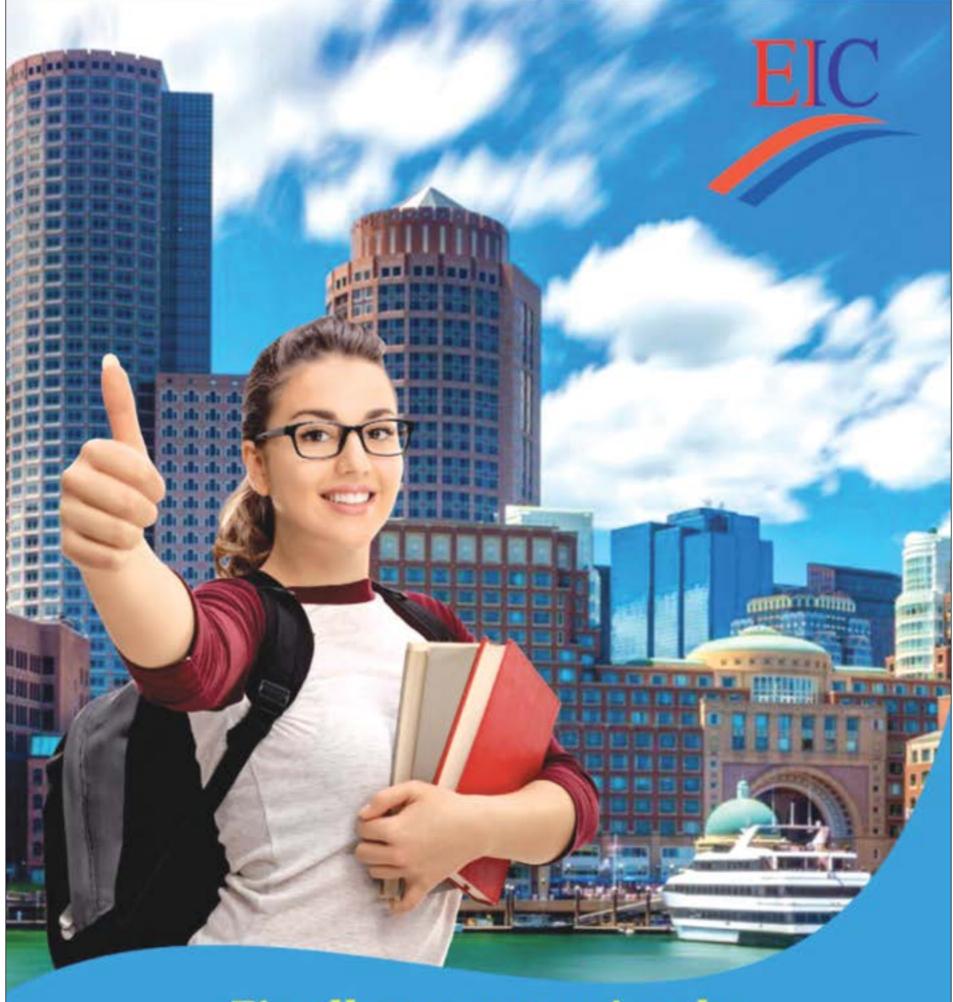
laboration, and the integration of sustainability into higher education practices. As the world continues to grapple with complex socio political challenges, the role of higher education in driving transformative change for a better world through innovation, invention and peace will remain indispensable.

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