



UPL UNIVERSITY
OF
SUSTAINABLE TECHNOLOGY

Rotary
Ankleshwar



KATHAN

G20



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In this issue

ISSUE: 55
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- [1] Expert lecture.
- [2] The features of G 20
- [3] Artificial Intelligence the Game Changer.
- [4] Women Empowerment.
- [5] Tree plantation at UPL University
- [6] Health Talk on World Population Day.
- [7] Lecture on Swami Vivekananda



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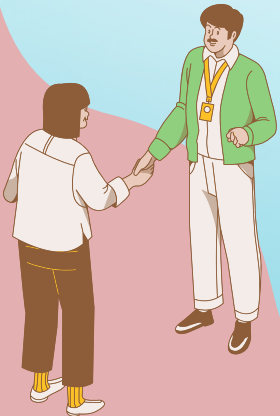
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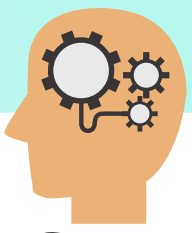
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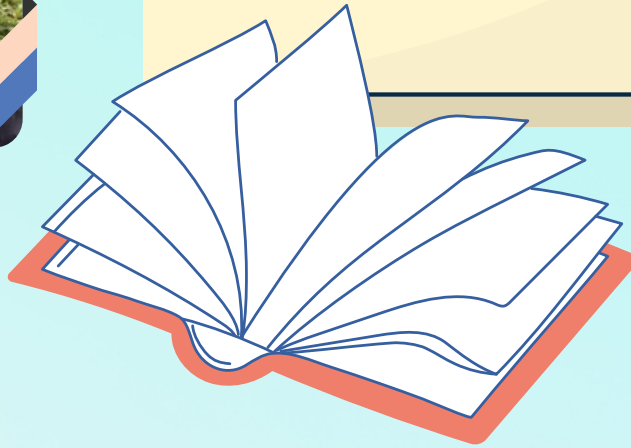




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EXPERT LECTURE

An expert lecture was organized on 11-07-2023 for the students of Chemical Technology, Semester-I, III, V on the topic "Process Optimisation". The session was delivered



By
Mr. Kashyap Desai,
Deputy R&D Manager,
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THE FEATURES OF G20



The G20 Presidency steers the G20 agenda for one year and hosts the Summit. The G20 consists of two parallel tracks: the Finance Track and the Sherpa Track. Finance Ministers and Central Bank Governors lead the Finance Track while Sherpas lead the Sherpa Track after Finance Track.

The G20 process from the Sherpa side is coordinated by the Sherpas of member countries, who are personal emissaries of the Leaders. Finance Track is led by Finance Ministers and Central Bank Governors of the member countries. Within the two tracks, there are thematically oriented working groups in which representatives from the relevant ministries of the members as well as from invited/guest countries and various international organisations participate.



By
JENISH RAJWADI,
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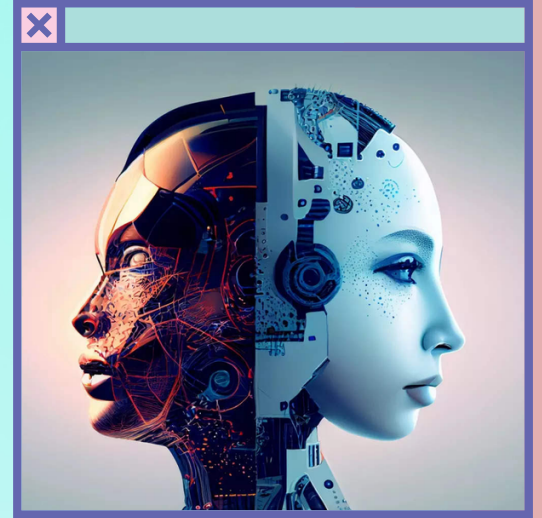


G20 PRESIDENT

ARTIFICIAL INTELLIGENCE THE GAME CHANGER



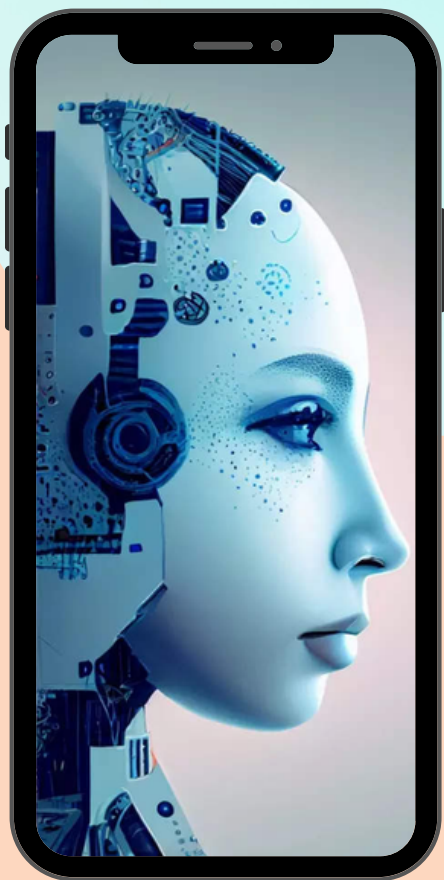
Sports have always been a domain of passion, dedication, and fierce competition. In recent years, the amount of time spent in artificial intelligence (AI) with sports has added a new layer of excitement and innovation to the field. AI is transforming the way sports are played, managed, and experienced, bringing about unprecedented insights and opportunities. From performance analytics to injury prevention, let's delve into how innovative AI is redefining the landscape of sports.



One of the most significant impacts of AI in sports is the ability to analyze player performance in real time. Cutting edge technologies like computer vision and machine learning are employed to track players' movements, gather data on their speed, positioning, and even heart rate. This data is then processed to provide coaches and players with valuable insights into their performance. For instance, in soccer, AI-powered systems can identify patterns in player positioning, passing accuracy, and shooting tendencies.



These insights help teams make data-driven decisions, such as designing tactical strategies and making substitutions based on real-time analytics. AI is also playing a pivotal role in minimizing injuries and expediting recovery in sports. By analyzing biomechanical data, player histories, and physiological factors, AI algorithms can predict the likelihood of injuries and offer preventive measures. Wearable devices equipped with AI capabilities can monitor players' movements and detect anomalies that might indicate potential injuries. Moreover, AI-driven rehabilitation programs are tailored to individual athletes, taking into account their specific physical condition and progress, thus accelerating recovery times.



AI

AI is also stepping onto the field to assist referees and officials in making accurate decisions

Video assistant referee (VAR) systems, which use AI and video analysis, have been introduced in various sports to review contentious decisions in real time. These systems help reduce human error and ensure fairness in critical moments of the game.

Conclusion:

As innovative artificial intelligence continues to make its mark on the world of sports, the possibilities are endless. From revolutionizing training techniques to enhancing fan engagement, AI is altering the way we perceive and engage with sports.



WRITTEN BY SHUBHAM CHAKRABARTY (DIPLOMA I.T. STUDENT)

Artificial Intelligence

IMAGE SOURCE : GOOGLE

**SCRIPT SOURCE : SHUBHAM CHAKRABARTY AND
GOOGLE**

WOMEN EMPOWERMENT



हमारे देश में महिलाओं को देवी का दर्जा दिया जाता है। बेटी को लक्ष्मी माना जाता है। पौराणिक ग्रंथों में भी सभी महिलाओं एवं बेटीयों का बहुत सम्मानीय वर्णन किया है। हमारे भारतीय संस्कृति में सभी अपने धर्म को बहुत ही महत्व देते हैं। हमारे शास्त्रों में भी लिखा गया है कि " यत्र नार्यस्तु पूज्यन्ते, रमन्ते तत्र देवता।"। उसको अनुशरण करते हैं। बहुतलोग कहीं ना कहीं यह अंतर रखी देते हैं। अपने हक एवं सम्मान के लिए आज के कलयुग में नारी को लड़ना ही पड़ता है।

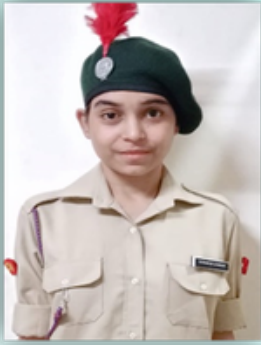


आज के युग में पहले जितना तो नहीं भेदभाव है, लेकिन फिर भी कहीं सारी जगह पर यह भेदभाव मिल ही जाता है। महिला को कमजोर समझ कर उसको आगे आने का मौका दिया नहीं जाता है, और मजबूत औरतों का समाज द्वारा हौसला तोड़ा जाता है। उसे सामाजिक एवं घरेलू मामलों में व्यस्त रखा जाता है। कई सारे परिवार में बेटी की लाइकात देखे बिना उसे शिक्षा प्राप्त करने का मौका छीन लेते हैं। कई सारे गांव अभी भी ऐसे हैं जो विकास से बहुत दूर है। राजस्थान में अभी भी हमें घूंघट प्रथा दिख जाती है, यह सब निशानी है कि अभी भी महिलाओं का सशक्तिकरण कई हादसे बाकी है। भूतकाल में होने वाले कई सारी प्रथा को बंद करवाया गया था। सती प्रथा जो सबसे बड़ी मात्रा में स्त्रियों का विनाश कर रही थी उसे राजा राममोहन राय ने महिलाओं की सुरक्षा के लिए बंद करवाई गई थी। कुछनिष्ठा वादी आगे आए एवं सन 19 वीं सदी में पश्चिम भारत में ज्योतिबा फुले और उनकी पत्नी सावित्रीबाई फुले ने महिला शिक्षा के अग्रदूत बने गए। एवं उन्होंने पुणे में प्रथम बालिकाओं के लिए प्राथमिक शाला की शुरुआत की थी।



सावित्रीबाई फुले बालिका शिक्षा तक सीमित ना रहकर उन्होंने महिलाओं के लिए अपना संघर्ष चालू रखा। उन्हें देख और उनके संघर्ष से प्रभावित होकर दूसरे भी उनके साथ मिले। सहयोग से महिलाओं के अधिकार के बारे में जागरूकता बढ़ाने के लिए महिला सेवा मंडल का समुदाय की स्थापना की गई। वहीं से महिलाएं जागृत हुई अपने हक एवं सम्मान के लिए लड़ना चालू किया। अब आज की तारीख में हमारे पास कई सारी सफल महिलाएं हैं जो मिसाल के रूप में खड़ी है।

अपने मजबूती एवं मेहनत से शिक्षा के आधार पर अपना सफर तय करके एक उच्चतम पद पर है। हमारे देश में अंतरिक्ष अध्ययन परिपूर्ण करके अंतरिक्ष यात्रा को सफल बनाने वाली सुनीता विलियम एवं कल्पना चावला जो सभी के लिए बहुत प्रेरणादायक महिलाएं हैं। राजनीति में इंदिरा गांधी जैसी मजबूत बलबूते वाली महिला एवं हमारी राष्ट्रपति द्रौपदी मुर्मू जैसी महिलाएं हमारे देश की बालिका एवं महिलाओं का आगे बढ़ने तथा कुछ कर बताने का पाठ पढ़ाती है।



By
Cdt. Sukhi Kumawat,
NCC Subunit.

WOMEN

EMPOWERMENT





TREE PLANTATION AT UPL UNIVERSITY



On 24-07-23, a Tree plantation event was organized by NSS volunteers at UPL University, Vataria under the banner of “AZADI KA AMRIT MAHOTSAV (AKAM)” & “MERI MATI MERA DESH” to contribute towards environmental sustainability and promote a green campus. The tree plantation event at UPL University witnessed



the active participation of more than 50 NSS volunteers, who collectively planted 100 saplings in various areas of the campus. Through this initiative, the university aims to take a significant step towards promoting environmental consciousness and creating a greener and more sustainable campus.





HEALTH TALK ON WORLD POPULATION DAY



NSS, UPL University of Sustainable Technology organized a lecture on “Health Talk on World Population Day” on 11th July 2023. The Lecture was delivered by Healthcare Professionals of Jayaben Modi Hospital, Dr. Harita Trivedi.



The seminar covered topics such as population trends, family planning and sustainable development. The students actively participated and exchanged their views with the expert. More than 100 NSS volunteers attended the program.



LECTURE ON SWAMI VIVEKANANDA



NSS UPL University of Sustainable Technology organized lecture - on Swami Vivekananda delivered by the chief guest, Dr. Haresh Shah. He threw light on the life of Swami Vivekananda and inspired students with the illustrious life and deeds of Swami Vivekananda. He also mentioned that the development of the country depends on the youth and asked the youngsters to emulate Swami Vivekananda. Faculty members and NSS students also spoke on the occasion.

Swami Vivekananda





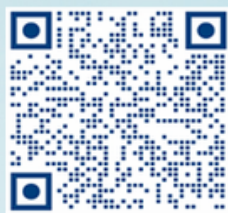
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