प्रवाह
A Digital Newsletter

hackathon participation

CSVTU-UTD VICTORIES AT THE CODING HACKATHON EVENT AT GEC, RAIPUR

HACK-4-COMMUNITY, HACKATHON EVENT ORGANIZED BY CODE FOR COMMUNITY AT GOVERNMENT ENGINEERING COLLEGE, RAIPUR.

This Two Day Tech Fest Event allows A lot Of Colleges to Represent their Technical Knowledge regarding Coding and Imposes on Our Real life scenarios. Organized on May 7th and 8th under the supervision of the HOD of CSE, ETC Department at Same GEC Institute respectively. Students from various Colleges Participated in considerable numbers to make this precious Event Successful.

This Inter-college Coding Hackathon event was Judged by Prestigious professors from all around the Country, From Reputed Institutes like AI Innovations, NIC RAIPUR, and many more. In the end, The CSVTU- UTD Team named "SYNTAX SQUAD" Won this Auspicious Event and was Awarded a Prize of INR 12000rs. Team "SYNTAX SQUAD" Used the latest AI technology to Create Social media Content.

Members of the winning team were:
- Jayant Patel (Team leader),
- G. Kritika,
- Devika Sinha,
- Yash Kushwaha, and
- Himanshu Sahu.

All of them won the event respectively. Following the winning team, "SCRAPPING WAVE" was awarded prize money of INR 8,000, and the third position was secured by Team "SIGMA CODER" who were awarded INR 5,000. The organizers provided a participation certificate to all participants. The event was a great success as it provided a platform for students to achieve excellent benchmarks.

SCI PAPER PUBLISHED

Breakthrough Research by Bharati Patel: Advancements in Rice Agriculture with Semantic Segmentation and Disease Diagnosis

PUBLISHED SCI PAPERS REVOLUTIONIZE RICE VARIETY CLASSIFICATION, YIELD PREDICTION, AND DISEASE DIAGNOSIS

Mrs. Bharati Patel Assistant Professor Computer Science Department UTD, CSVTU, Bhilai has achieved groundbreaking milestones in rice agriculture. Her paper titled "Rice variety classification and yield prediction using semantic segmentation of Agro-morphological characteristics" was published in the Multimedia Tools and Applications journal on May 4, 2023. Another significant publication by Patel, titled "Automatic Rice Plant Disease Diagnosis using Gated Recurrent Networks," was published on March 7, 2023. These remarkable research contributions have the potential to revolutionize crop management, disease control, and sustainable farming practices.

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INTRA KABADDI TOURNAMENT

CSVUT UTD's Thrilling Kabaddi Matches Witnessed as Shurveer Sena Emerges Victorious!

UNLEASHING POWER, SKILL, AND GRIT ON THE KABADDI ARENA: CSVUT UTD HOSTS AN ELECTRIFYING CHAMPIONSHIP

In a heart-pounding spectacle on Friday, May 12th, the Kabaddi Matches captivated spectators, leaving them breathless with anticipation. The electrifying energy permeated the air as four formidable teams—Shurveer Sena, Avinash Yodha, Vijay Yodha, and Parakrami Panthers—clashed in an intense battle. The climactic showdown featured a nerve-wracking face-off between Shurveer Sena and Vijay Yodha, where both sides unleashed their full might. However, it was Shurveer Sena who emerged as the undisputed champions, stunning their opponents with an extraordinary 52-27 triumph. The match's heroes were none other than the indomitable captain, Nikhil Yadav, and the exceptional qualifiers Rajnish Chourasiya and Bhavik Deshmukh, whose unwavering sportsmanship illuminated the entire tournament.

Equally riveting was the Girls' Kabaddi match, where two teams showcased their extraordinary prowess. Engaged in a fierce battle, it was the red team that ultimately seized victory, commanding the spotlight with breathtaking skill. Applause resounded throughout the arena as Annu Kumari, a true force to be reckoned with, led the red team to an awe-inspiring triumph.

Adding to the grandeur of the occasion, the distinguished presence of our esteemed Vice-Chancellor elevated the event. Gracefully gracing the matches, they bestowed well-deserved medals upon the victorious teams of both the Boys' and Girls' Kabaddi matches. We extend our heartfelt gratitude to all the passionate participants and the enthusiastic audience, whose vibrant spirits and active engagement contributed to the resounding success of this unforgettable extravaganza.

IEEE WORKSHOP

Unleashing Creativity: 3D Character Design Workshop Ignites Passion for Gaming and Animation

CSVTU'S IEEE STUDENT BRANCH ORGANIZES ENGAGING WORKSHOP TO EMPOWER ASPIRING GAME DESIGNERS AND ANIMATORS
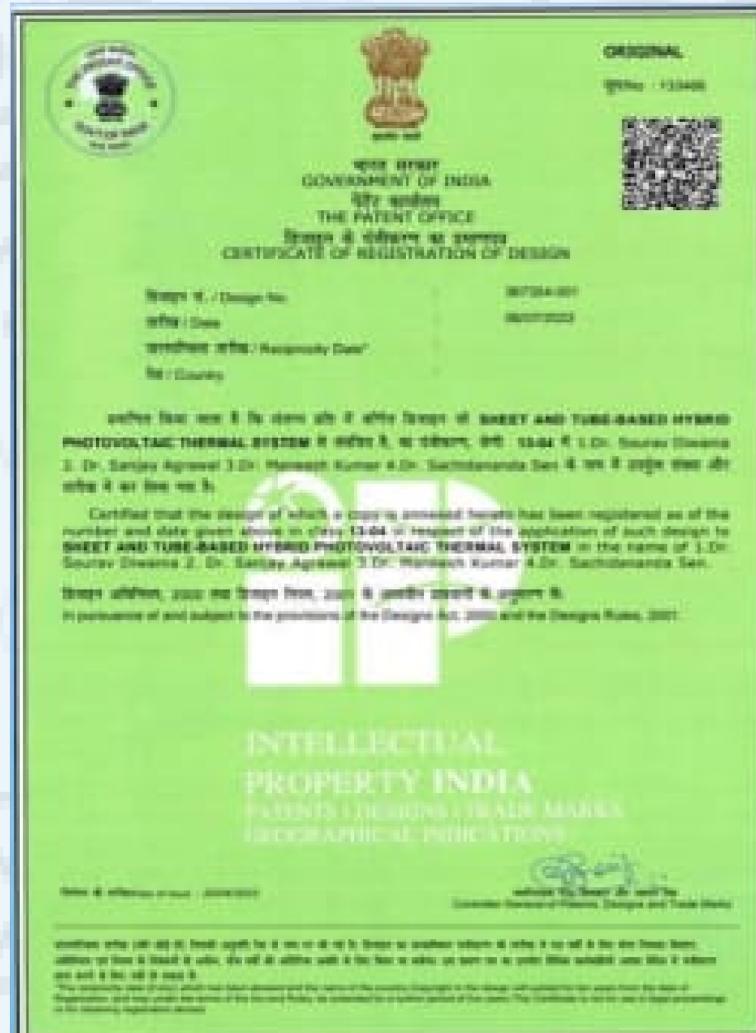
The IEEE student branch of CSVTU recently organized an engaging 3D character design workshop at Visvesvaraya Bhavan. Students from various colleges participated enthusiastically, seizing the opportunity to gain valuable insights into the gaming and animation industry.

The workshop comprised three sessions. In the first session, industry expert Mr. Felix Dsouza shared his knowledge about job opportunities and the gaming industry. The second session focused on practical learning, with Mr. Felix Dsouza guiding students in designing a character using the ZBrush tool. The final session featured a lively Q&A session, allowing participants to interact with industry professionals and gain further clarity.

The event concluded with the distribution of participation certificates by Mr. Felix Dsouza, Dr. RN Patel, and Dr. PK Ghosh. The IEEE student branch of CSVTU received accolades for organizing this successful workshop, providing a platform for aspiring game designers and animators to enhance their skills and fuel their passion.

This workshop was a stepping stone toward a promising future in the gaming and animation industry, and the IEEE student branch looks forward to organizing more inspiring events to empower and nurture talent in these dynamic fields.

PATENT PUBLISHED

Congratulations to Pro Vice-Chancellor!!

The Government of India's patent office has granted design patterns for the "Sheet and Tube-based Hybrid Photovoltaic Thermal System" to Prof. Sanjay Agarwal, Professor in Electrical Engineering and Pro-Vice Chancellor Chhattisgarh Swami Vivekanand Technical University, Bhiali, C.G . We extend our hearty congratulations to our esteemed Pro Vice-Chancellor for this remarkable achievement!

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Groundbreaking Study Unveils Innovative Approach to Analyzing Chhattisgarhi Dialects

Madhuri Gupta, Assistant Professor, presented a groundbreaking study at ICAECT 2023. Using Wavelet Transformation and Mel Frequency Cepstral Coefficient techniques,

Gupta successfully dissected the intricacies of Chhattisgarhi dialects, paving the way for a better understanding and preservation of regional linguistic variations.

This research holds implications for language enthusiasts, cultural researchers, and language preservation efforts, showcasing the power of technology in advancing language diversity understanding and sustainable communication practices.

HON'BLE VC VISIT

H'ONBL VICE CHANCELLOR INVITED AS CHIEF GUEST TO RUNGTA DARE AWARD CEREMONY

The Santosh Rungta Group of Institutions recently hosted the prestigious Rungta Awards for Research Excellence, honoring faculty members who have made significant contributions to the field of research. These awards celebrated the profound impact their research and patents have had on society, opening up new paths for progress and innovation. During the event, Prof.(Dr). M.K Verma, the Vice Chancellor of Chhattisgarh Swami Vivekananda Technical University, delivered an inspiring speech, urging researchers to go beyond the realm of publications and patents and embrace the entrepreneurial spirit. He emphasized the importance of transforming their research into tangible, innovative ventures that can bring about real-world change. The ceremony acknowledged 18 deserving faculty members with these distinguished awards, recognizing their exceptional dedication and commitment to advancing knowledge. Additionally, 25 individuals received appreciation letters and research incentives, further highlighting their valuable contributions. Esteemed personalities, including the organization's chairman, Executive Director, and Directors of R&D, graced the event, enhancing its prestige and lending an air of grandeur to the occasion.
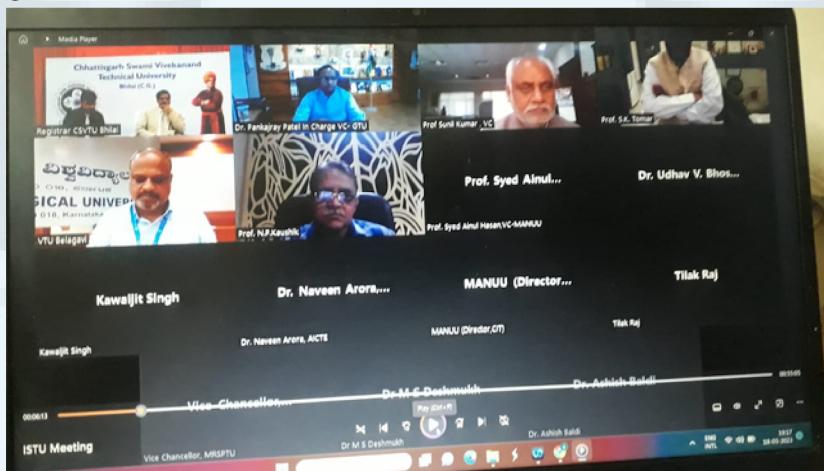
Indian Society of Technical University (ISTU) Holds Successful General Body Meeting at Chhattisgarh Swami Vivekananda Technical University, Bhilai C.G.

Chhattisgarh Swami Vivekananda witnessed the grandeur of the General Body meeting of the esteemed Indian Society of Technical University (ISTU) on May 11th, 2023. The highly anticipated event, chaired by the Honourable Vice-Chancellor, Prof. M.K Verma, serving as the President of ISTU, brought together over 20 Vice-Chancellors and their representatives from various institutions.

To foster collaboration and growth within the technical education sector, the meeting served as a platform for esteemed academics to exchange valuable insights and ideas. Pro Vice-Chancellor Prof. Sanjay Agarwal, also present at the gathering, actively participated as the General Secretary, contributing to the proceedings.

The gathering witnessed an atmosphere of enthusiasm and engagement, as the representatives discussed significant matters concerning technical education in India. The meeting catalyzed advancing innovation and promoting academic excellence across the country's technical universities.

Prof. M.K Verma, in his capacity as the President of ISTU, expressed his gratitude for the active participation and valuable contributions of the attendees. He emphasized the importance of collaboration and synergy among the academic community to address the evolving challenges in technical education

EDITOR'S SECTION

Artificial Intelligence in Healthcare: Revolutionizing Patient Care

Artificial Intelligence (AI) is transforming healthcare, revolutionizing patient care, and driving medical innovations. With its ability to analyze vast amounts of data, AI enhances diagnostics, enabling early detection and precise disease diagnosis. Machine learning algorithms aid in developing targeted treatment plans and improving patient outcomes. AI-powered virtual assistants and chatbots enhance patient engagement, providing personalized medical advice and convenient access to healthcare services.

Predictive analytics driven by AI identifies patterns in patient data, enabling early intervention and preventive measures. This reduces hospital readmissions and improves overall population health. However, ethical considerations and patient data privacy must be addressed for responsible AI implementation in healthcare.

The future holds tremendous promise as AI continues to advance. Integrating AI into healthcare unlocks new frontiers in patient care, medical research, and healthcare system optimization. By harnessing the power of AI, we can create a healthier and more efficient healthcare ecosystem for all.

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