

CEE Tee World

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A NEWSPAPER FROM : **CT GROUP**

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North Campus Organises
Best Out of Waste Activity
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Management Marks **National
Tourism Day**
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Conducts an **Awareness Rally
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PUNJAB CM BHAGWANT MANN VISITS CT GROUP TO BACK LOCAL INDUSTRIALISTS



CT Group of Institutes most humbly received Chief Minister Punjab and other significant dignitaries at its Shahpur Campus. Punjab Chief Minister Sh. Bhagwant Mann interacted with local industrialists of Punjab about transforming Punjab into an industrial hub of the nation. This interactive session was held with the aim to address various harassments and troubles which industrialists have to face. Discussions were held on ways to boost industries, discussing with the industrialists during this session, the CM said that Punjabis are well known around the globe for their persistent hard work and entrepreneurship skills. He also discussed about the upcoming “Invest Punjab Summit” to be held on 23rd and 24th February 2023 at the Indian School of Business, Mohali, Punjab. At the event Chairman CT Group, Sardar Charnjit Singh Channi, Managing Director, Dr. Manbir Singh along with Vice Chairman, Mr. Harpreet Singh welcomed and honored Minister of Tourism and Cultural Affairs, Sh. Anmol Gagan Mann and Chairman CII Punjab Sh. Rajesh Kharbanda.



NEWS

CT Group of Institutions, North Campus Organises Best Out of Waste Activity



The three 'Rs' stand for: Reduce, Reuse and Recycle. They are a part of the waste hierarchy which is used to protect the environment and conserve resources through a priority approach. The aim is to get maximum practical benefits from products and to generate the minimum amount of waste. In order to make students aware of the uses of waste material, CT

College of Education (B.Ed. & M.Ed.) , Maqsudpur, Jalandhar organized ' Best out of waste' activity under Field Engagement Program on January 20, 2023 for B.Ed. Sem. III students. Students prepared very creative and innovative models and art items from different waste materials. They used reusable and recyclable materials like newspapers, shoe boxes, bangles, ice cream sticks, and

much more. From these items, they created an amazing array of display items and useful everyday objects leaving everyone totally impressed. The values like preservation, recycling, conservation, reduction, reuse, etc are imbibed into the young heart and minds by demonstrating this noble act of caring for our environment.

School of Pharmaceutical Sciences At CT University Organises A 5 Day Faculty Development Program



CT University's School of Pharmaceutical Sciences organized a 5-day Faculty Development Program in collaboration with APTI on Current Trends and Futuristic Challenges in the Pharmaceutical and Healthcare Sector in which a total of 1522 participants of 250 + colleges/universities from Pan India attended the Program. The aim of this program is to ensure faculty competency through structured training which helps the faculty to keep them updated on cutting-edge technologies and enables them to be effective in classroom teaching and mentoring students in projects and internships. FDP enhanced the knowledge, skills, and performance of healthcare workers and pharmacy professionals. On the first day inauguration of FDP was done by Honourable Chancellor S. Charanjit Singh along with Pro-Chancellor, Dr. Manbir Singh, Vice-Chairman, Mr. Harpreet Singh, and Vice-Chancellor (OFF.), Dr. Satish Kumar with lighting the ceremonial lamp. Dr. Vir Vikram, Head, School of Pharmaceutical Sciences, CT University conveyed a warm welcome to APTI President, Dr. Gulshan

Bansal on this occasion and shared views on the importance of FDP in the development of faculty profile and research. On the first day, Dr. Puneet Bansal, Associate Professor and Head of the Department of Pharmacology, Central University of Punjab, Bathinda. Dr. Puneet Bansal delivered a lecture on "Chronopharmacology and cardiovascular disorder". On the Second day of FDP Dr. Subheet Jain, Head of the Department of Pharmaceutical Sciences, GNDU along with him, Dr. Shailesh Sharma, Vice President, APTI discussed the role of APTI in promoting the pharmaceutical fraternity. Dr. Suresh Kumar, Associate Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala. Dr. Suresh Kumar delivered the lecture on the topic "Quality Education and Research in Pharmaceutical Sector". On the third day of FDP, Dr. Ashish Baldi, Dean, Research and Development, Maharaja Ranjit Singh Punjab Technical University, Bathinda delivered a lecture on the topic 'Research- The Aptitude and Exploration through Artificial Intelligence'. On the fourth day of FDP, Dr. Vir Vikam, Head, School of

Pharmaceutical Sciences, CT University, Ludhiana introduced Prof. TR Bhardwaj, Former VC, Baddi University. Prof T.R. Bhardwaj discussed the importance of FDP in the growth of researchers, and faculty members with all the participants and congratulated SOPS for organizing the FDP session. On the 4th Day Dr. Vijender Kumar, Assistant Professor, Department of Pharmacognosy and Phytochemistry, DIPSAR, New Delhi. delivered a lecture on "Challenges and Futuristic Scope of Indian Traditional Medicine Against SARS- COVID types infection". On the fifth day of FDP, Mr. Subh Naman welcomed all the dignitaries and speakers of the day. The session began with the words of Dr. Vir Vikram, Head, School of Pharmaceutical Sciences, CT University, On the 5th day Dr. Anoop Kumar delivered a lecture on the topic "Network Pharmacology: How Much Potential? And discussed network pharmacology and its importance in repurposing Drug Discovery.

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CT PUBLIC SCHOOL BIDS FAREWELL TO CLASS XII STUDENTS



The students, staff, and management of CT Public School, Jalandhar bid farewell to the outgoing students of class 12, session 2022-23. The farewell was organized by class XI students who extended their warm and heartfelt wishes to their seniors. Co-chairperson CT Group of Institutions Mrs. Parminder Kaur Channi was the Chief Guest on the occasion. Mrs. Tanika Channi graced the event as the Guest of Honour. The function commenced with the formal welcome of esteemed guests, followed by the lamp lighting ceremony and enchanting of Gayatri Mantra. The students were

welcomed with the title-giving ceremony and a token of love was presented to the seniors. Principal CT Public School, Mr. Anuradha Chandel, a woman of distinct vision addressed the students and guided them towards the right path. She wished them success in each and every sphere of life and provided them with essential tips to score excellent results in approaching CBSE examinations. The students of class XII expressed their gratitude to the alma mater. The cultural program showcased the multiple talents of class XI students who presented entertaining group dance and singing performances. The

performances were thoroughly enjoyed. The venue was set ablaze with a ramp walk and self-introduction round by class XII.

The following titles were given to students:- Best smile: Rupneet Kaur, Ms. Gorgeous: Harleen Kaur, Most talented: Riya Bharadwaj, Mr. Dashing: Navroop Singh, Dhruv was entitled to Mr. CTPian while Pragati was entitled to Ms. CTPian. The Vice Principal, Ms. Sukhdeep Kaur proposed a vote of thanks and gave away her best wishes to the students.

"A FAREWELL IS NECESSARY BEFORE WE CAN MEET AGAIN, AND MEETING AGAIN, AFTER MOMENTS OR A LIFETIME, IS CERTAIN FOR THOSE WHO ARE FRIENDS."

The Star Cast of the Film 'Kali Jotta' Visit CT University



A wave of exhilaration ran through the campus as the starcast of upcoming Punjabi film Kali Jotta - Neeru Bajwa and Satinder Sartaaj, Director Vijay Kumar Arora, Producer Santosh Subhash Thite visited CT University for their Movie Promotions. Amidst the cheers and applause, the stars interacted with the students, and Satinder Sartaaj entertained everyone with a singing performance. Punjabi singer Satinder Sartaj and actress Neeru Bajwa's bhangra enthralled the students and faculty of CT University. The movie is directed by Vijay Kumar Arora and feature Neeru Bajwa, Satinder Sartaaj and Wamiqa Gabbi as lead characters. It's a love story depicting a lof very soft and pure hearted girl "Rabia" who is later on tortured by male dominated society. Talking about

the movie and its unique title, Satinder Sartaj said 'Kali' and 'Jotta' stood for 'odd' and 'even', but here, as far as I have understood the theme of the film, it's 'alone and together', and that's the emotion we are talking about." Neeru, who is also the co-producer of the movie said, "It took a lot of years to ideate this one. But when this beautiful story came along, I knew no one other than Satinder Sartaaj could do it. It's always my pleasure to work with such a pure soul." On this occasion CT group's Alumni Jatinder Maan also performed his debut song. CT University's Vice Chairman Harpreet Singh, Vice Chancellor (off.) Dr. Satish, Davinder Singh, Deputy Director, Department of Student Welfare; Registrar Sarabpreet Singh felicitated the starCast and Wished them all the best.

Punjabi Singer Satinder Sartaj and Actress Neeru Bajwa's Bhangra Enthralled the Audience

CT KINDERGARTEN ORGANISES A RHYME SINGING COMPETITION

CT Kindergarten organized a "Rhyme Singing Competition" for Pre-Nursery class. The little ones participated with delightful excitement showcasing their endless potential. They used various props to make their rhyme effective. It is a belief at CT Public School, participation in various stage performances could make students confident and will be future-ready without any stage fear. All the winners and participants of the competition were honored with certificates for their excellent performances. The Principal, of CT Public School, Ms. Anuradha Chandel, and Vice Principal, Ms. Sukhdeep Kaur appreciated and acknowledged the efforts of the little wonders of the school.



VARIETY

CT University Celebrates 74th Republic Day of India With Gaiety And Patriotic Fervour



The 74th Republic Day of India was celebrated with gaiety and patriotic fervor at CT University. The ceremony took place in the presence of the Dean of the School Of Humanities and Physical Education Dr . Pravin, respected Deans and HoDs of various departments, faculty, staff members, and students. The ceremony commenced with the unfurling of the National Flag by the Chief Guest, Vice Chancellor (off.) Dr. Satish followed by National Anthem. The program moved

forward with an incredible display of parade by the NCC cadets. The energetic performances of the students and the infectious beats of bhangra filled the crowd with great energy and enthusiasm. The heartfelt renditions of patriotic songs aroused feelings of love and brotherhood among all. Dr. Satish highlighted the importance of the constitution and its unique features such as sovereignty, socialism, secularism, democracy, and republic. He also gave insight into the various accomplishments achieved by

the university and motivated the students for bringing more laurels to the university through accomplishments. All the dignitaries also gave their best wishes on the occasion of Republic Day. The program ended with the message to create a great nation through collective efforts from all individuals. Sweets were distributed among all the guests and students.

DO YOU KNOW



UNION BUDGET 2023-2024 AT A GLANCE

The last full-fledged Union Budget (for 2023-24) was introduced by Smt. Nirmala Sitharaman Minister of Finance of India on February 01, 2023. Nirmala Sitharaman said, "the Indian economy is on the right path and heading towards a bright future".

The most prominent theme of Union Budget 2023-24 is the focus on Inclusive Development - Sabka Sath, Sabka Vikas which most clearly covers- Farmers,

Women, Youth, Scheduled Castes, Scheduled Tribes, Other Backward Classes (OBCs), Divyangjan (PwDs) and Economically Weaker Sections (EWS). It is observed that predominantly, the priority is extended towards the underprivileged - Vanchiton Ko Variyata. By and large, the Budget is structured along the lines of the two-leg growth strategy which was first unveiled in 2019:



1. Incentivising and boosting the private sector thus revolutionizing jobs and pursuing growth.
2. 'Minimum Government, Maximum Governance'; surging capex and spurting more revenues via disinvestment.

Union Budget and Amrit Kaal

- The brilliant idea of Amrit Kaal was duly proposed in the last budget and it has superbly evolved further in this full-fledged Amrit Kaal budget.
- The Finance Minister of India named it the first Budget in Amrit Kaal. The clear vision for Amrit Kaal is a thoroughly empowered and inclusive economy that is not just technology-driven but also has its foundations in knowledge with a vigorous financial sector.
- The budget prior to this one, had its Amrit Kaal vision pronounced on four pillars. These have progressed into seven pillars — labeled as the Saptarishi Priorities.
- The Amrit Kaal Budget identifies four evolutionary opportunities to be mastered before reaching India@100-

Economic Empowerment of Women through SHGs- Self-Help Groups.
2. PM Vishwakarma Kaushal Samman (PM VIKAS). 3. Tourism Promotion in Mission Mode. 4. Green Growth.

Ms. Sitharaman unveiled the seven priorities of the Union Budget 2023-24 while introducing the first budget of Amrit Kaal, which she showcased as an economic turning point for India.

The finance minister mentioned, "These priorities will direct the nation toward 'Amrit Kaal'." Amrit Kaal is delineated by the government as the 25-year period terminating in the centenary of India's glorious independence. The finance minister declared seven priorities of the budget complement each other in a very smooth way. These are the 7 priorities-

1. Inclusive development
2. Reaching the last mile
3. Infrastructure and investment
4. Unleashing potential
5. Green growth
6. Youth Power
7. Financial Sector

Amrit Kaal initiative will come to its form and shape in the next 5 years if enough capital is allocated and is followed persistently on a ground level. This will certainly lay a very strong foundation for Viksit Bharat @100.

GLIMPSE

CT INSTITUTE OF HOSPITALITY MANAGEMENT MARKS NATIONAL TOURISM DAY



CT Institute of Hospitality Management celebrated "National Tourism Day". During the event, the Tourism and Hospitality students presented various dancing and singing acts to recognize different cultures and traditions. The event was celebrated to highlight the importance of the tourism sector in promoting and preserving

cultures and heritage worldwide. The event started with the Lamp Lightening Ceremony and was inaugurated by Dr. Gurpreet Singh Sidhu, Director of South Campus Shahpur, Mr. Nittan Arora, Deputy Director of Student Welfare, and Mr. Divoy Chhabra, Principal of CT Institute of Hospitality Management. The event was made more exciting with a dancing

and singing competition for the students. Students participated with vigor and excitement. CT Group of Institution South Campus Shahpur, Vice Chairman Harpreet Singh appreciated the hard work of staff and students and acknowledged students for their active participation.

Digital Language Lab Inaugurated at CT University



CT University inaugurated a Digital Language Lab on its campus to provide systematic skill development training such as English Communication, Personality Development, Soft Skills, Job & Career Training, and Presentation Skills to students and the teacher community at large. Language lab is enriched with E-Learning Software, E-Exam, Live Classroom & Career Lab. The Digital Lab was inaugurated by Honourable Chancellor S. Charanjit Singh

Channi accompanied by Vice Chancellor (off.) Dr. Satish Kumar, Registrar, Mr. Sarabpreet Singh, Director of Admissions and Marketing and Information Cell, Mr. Gurvinderjit Singh Sodhi, Head of Department of Professional Enhancement Cell. Ms. Sudhashree Parvati. This special occasion was graced by 35 able leaders of the fraternity of education and learning. They took active participation in Computer Aided Language Learning (CALL) Workshop

organized by Professional Enhancement Cell, CT University. CT University's Chancellor S. Charanjit Singh Channi encouraged the teachers to upgrade their digital literacy and skills. CT University's Vice-Chancellor (off.) Dr. Satish emphasized the potential for reciprocal relationships through the use of guest lectures and workshops for expert-led teacher up skilling.

PRE-BUDGET TALK BY THE MANAGEMENT DEPARTMENT CTIMIT, MAQSUDAN, JAL

It is anticipated that the Union Budget 2023-24 will build the groundwork and offer a direction for the economy. The Union Budget, one of the biggest events of the year, will aid in creating the economic plan for the following year. To throw light upon such facts, the Department of Management Studies, CTIMIT organized a Pre Budget Talk on 28th January 2023. There were 6 panelists who gave their views on diverse sectors. Ms.Pooja from Management Department shared her opinions on economic sector. Mr.Gagandeep Singh Cheema from the Computer Application Department shared his valuable knowledge on education sector. Ms.Mamta Devi from the CSE, ITR Department, and Ms. Anisha from the Media Studies Department each gave thoughts on the Health

Sector and the Power, Energy, and Automobile industries. Agriculture Sector was covered by Mr.Saurav from Hotel Management Department. Ms.Shivani from Tourism Department acknowledged the audience with Aviation, Tourism & Hospitality. All speakers cleared all facts in a very detailed manner. "These talks play a vital role in expanding knowledge and stay current with economical advancements." says the Campus Director Dr. Yogesh Chhabra. Dr.Ramandeep Gautam (HOD, Assistant Director, Management Department, CTIMIT, Maqsudan Campus) quotes "Besides the obvious academic benefits of expanding student's knowledge and exploring new skills at an early age, such talks redefine the education system in significant ways."



OPINION

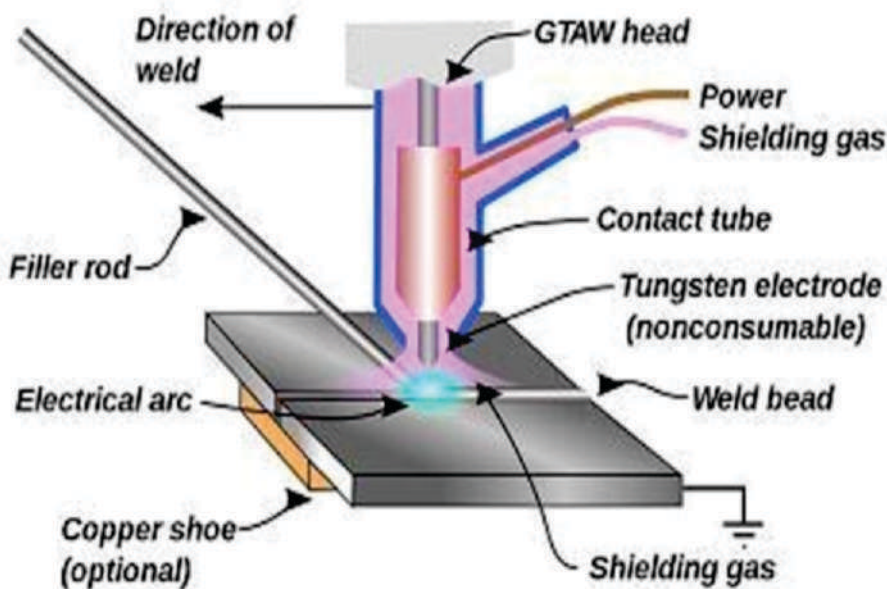
Corrosion Behaviour of Martensitic Stainless Steel Welded Joints

Martensitic stainless steel (MSS) is a BCC structured iron base alloy which contains chromium and carbon as alloying elements. Martensitic stainless steels are strongly attracted towards the magnet. The metallurgical properties and mechanical behavior of the MSS alloy can be modified by using different types of heat treatments according to service conditions. Martensitic stainless steels have good mechanical properties, wear resistance and oxidation resistance. MSS have been commonly used in the manufacturing of turbine blades, pressure valves, ball and roller bearings, pressure vessels, cutting tools, due to their better mechanical, corrosion and wear properties. The presence of chromium by wt. %age in the martensitic stainless steel ranges between 11.5% to 18% and the maximum percentage of carbon present in the alloy is 1.2% (by wt. %age). AISI 410SS is most commonly used grade of martensitic stainless steel. This grade contains 12 %

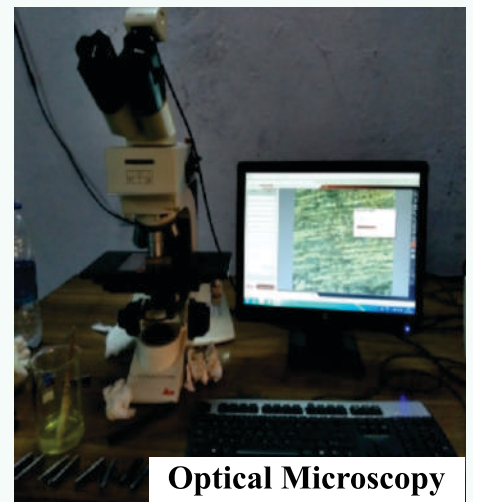
chromium (wt%) which protects the alloy from the corrosive attack and 0.1 % of carbon to provides the mechanical strength. In order to study the effect of welding parameters (with two different welding heat inputs viz., low and high) and different post weld heat treatments (PWHT) on the weld zone, microstructural studies were conducted on different welded samples. Different material characterization techniques (optical microscopy and XRD) were used. Specimens were prepared for metallurgical examination as per the standard procedure by using a belt grinding and different grades of the emery papers (abrasive papers) up to 2500 grit sizes. The surfaces of these polished specimens were manually etched for optical microscopy using the Vilella's reagent. The Vilella's reagent having chemical composition of 5cc hydrochloric acid, 1gram of picric acid, 100 cc of ethanol and few drops of H₂O₂.



Dr. Mandeep Singh
Associate Professor, Mechanical Engineering, CTIEMT



Schematics shows the GTA welding process



Optical Microscopy



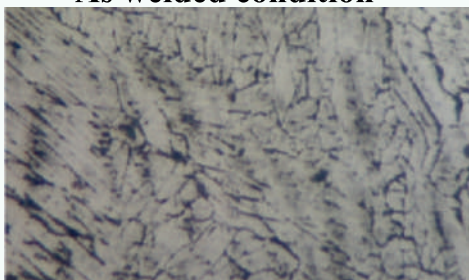
XRD Examination

The Experimental work was done to investigate the role of pitting corrosion resistance as well as impact toughness behavior of gas tungsten arc welded martensitic stainless steel (AISI 410SS) joints. Figure 2 shows the GTA welding process. In this study 6 mm thick cold rolled AISI 410 stainless steel plates were utilized as a base plate. The welding was accomplished by using three different filler materials (Inconel 625, AISI 316 SS, and AISI 410 SS). The effect of post weld heat treatment (PWHT) and

different filler materials on the pitting corrosion resistance, impact strength, and metallurgical performance of the GTA welded plates was investigated. The analysis for pitting and impact was studied in two circumstances first in as- received situation and second in PWHT situation. The outcomes formulated from research work indicate that the filler material composition induces the significant variation in the impact toughness along with pitting corrosion resistance of the experimental specimens.

The minimum mass loss (1.3818 mg) of Inconel 625 filler welded joint indicates that the maximum resistance of the tested samples against the pitting corrosion. Furthermore, the PWHT helps to enhance the pitting resistance. The maximum impact toughness (average CVN 121.5 J) shown by (WJ-2P) in PWHT condition. The experimental study indicates that the Inconel 625 filler material helps to improve the pitting resistance and impact toughness of the welded specimens in as-received along with PWHT condition.

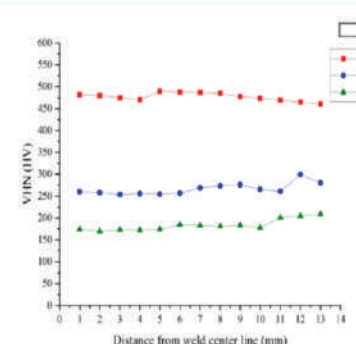
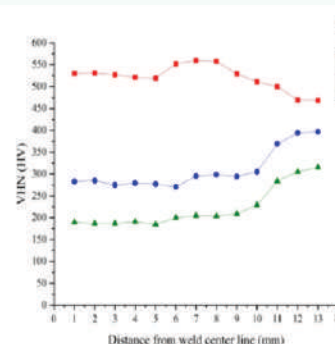
As welded condition



PWHT condition



Optical micrographs of welded joints in as-welded & PWHT conditions



Micro-hardness welded joints across the weld center line

HONOUR

Mr. Mohit Mark Joins as Director of CT Schools



With each day Our CT family is growing leaps and bounds. Yet again one more member joined our ever-growing big CT family. CT Management and think tank received Mr. Mohit Mark- newly appointed Director of CT World School with open arms. Mr. Mohit Mark has wide range of experience and expertise in school administration. His forte is creative implementation of effective research based instructional strategies and methods. He looks forward to focus on implementation of curriculum development and program evaluation. He shared his vision to give international flavor to the students and school by inviting teams from U.S and Europe to garnish various faculties of child learning. He expressed to work on remedial classes, establishing Pastoral care department for better functioning of students, teachers and parents' relationship. He also looks forward to organizing book fairs, social work sessions, and psychologist to educate students about life. CT family welcomes him whole heartedly and hopes to be enriched by his experience and wisdom.

CT PUBLIC SCHOOL HOSTED MY FM KE RANGREZZ

94.3 MY FM organized, MY "FM ke Rangrezz, Season IX" at CT Public School for the students of 4th -9th grade. For the competition, students had to draw and paint on the theme of Punjabi Virasat and culture. The students showcased their brilliance with enormous excitement. Around 3000 students from different schools participated, and 36 students of CT Public School were shortlisted. The final event was organized by CT World School on 29th January 2023. There were exciting fun games and movie ticket vouchers were also given. We are



proud to announce that the budding artist of CT Public School, Kavya Ahuja of grade 8th won MY FM's Painting Competition Rangrezz 2023 hosted by RJ Bindaas Vikas, RJ Garry, and RJ Reet. She was awarded a trophy and a certificate. Principal CT Public School, Ms. Anuradha Chandel congratulated and appreciated her efforts and motivated other participants to do well in future ventures. Further, the Vice-Principal also complimented the winner and appreciated her achievement.



PROUD MOMENT



It's an immense pleasure to share that our Ph.D. scholar Ms. Deepika Nagpal, Department of Computer Science & Engineering, CT University has been awarded a Ph.D. degree today under the guidance of Dr. Kamal Malik (Supervisor) & Dr. Anshul Kalia (Co-Supervisor). Dean's Research office congratulates Ms. Deepika Nagpal and Dr. Kamal Malik for this achievement. This is the result of their tireless efforts and commitment to research.

CEE TEE WORLD AT A GLANCE

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BACK PAGE

CT GROUP OF INSTITUTIONS CONDUCTS AN AWARENESS RALLY ON DRUG ABUSE



CT Group of Institutions in association with Youth Voice Foundation and Jalandhar Police Commissionerate organized an awareness rally on drug abuse at Shivani Park, Jalandhar. An event themed, “Say No to Drugs” was also coordinated along with the rally to spread a jet of awareness for the public in this age of rampant drug abuse and addiction. Students of CT Group took active participation in the rally and the event. This event aimed at raising concerns and disseminating information about evils associated with drug abuse and

addictions. The event was addressed by various dignitaries who shared their various efforts and initiatives against drug abuse and various addictions. Mr. Randhir Kumar, ASP Model town showed his earnest concern with the raging spread of drug usage. MLA Jalandhar West, Mr. Sheetal Angural participated in the rally and addressed the public sharing his valuable thoughts on combating drug abuse and addictions. He said, “thoughtful campaigning and awareness can surely alert the public” Vice chairman of CT group, Mr. Harpreet Singh stated his

heartfelt regret and concern by sharing some of his views. Mr. Rohan Sehghal and Mr. Rubal Sandhu also addressed the public. Managing Director of CT Group, Dr. Manbir Singh said, “Drug abuse is a death trap, we should all stand united to enlighten, educate, and aware everyone around us. This raging evil has to be eradicated from grass root level so as to save future generations”.

YVF | YOUTH VOICE FOUNDATION



CT GROUP IN ASSOCIATION WITH YOUTH VOICE FOUNDATION ORGANISE AT RALLY

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