

CGC

HRONICLE

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PARIVARTAN

2018

**CGC Landran celebrates the spirit of giving selflessly through
PARIVARTAN - Experience the joy of giving**

The 13th National techno-cultural fest of CGC Landran was a marvellous display of talent and technical brilliance. The theme for this year's PARIVARTAN 'Experience the Joy of Giving' aimed at encouraging the culture of giving and the spirit of selfless service among CGC students, faculty and the society in general. Enthused by the response to the unique theme of this year's fest the institution has decided to celebrate the 'spirit of selfless service' through an exclusive, annual event next year onwards. Mr Balbir Singh Sidhu, Hon'ble Cabinet Minister, Animal Husbandry, Dairy farming, Fishery and Labour, Government of Punjab was the Chief Guest at the ceremony while Mr Amarpreet Singh, Managing Director, Khalsa Aid, Asia Pacific, graced the occasion as Guest of Honour.

Spellbinding live performances by Punjabi Singers, Sharry Mann, Maninder Buttar and the band Underground Authority electrified the ambience at CGC Campus entralling the audience with renditions of their popular numbers.

PARIVARTAN saw the participation over 20,000 students from various schools and colleges across the country. The fest featured competitions in Web designing, CAD Modelling, Robo Soccer, Ad Mad Show, Programming, Auto Quiz, Technical Treasure Hunt, Quizzes, debates, dance, singing, face painting, and Collage making, among others. A career fair and an exhibition of models of drones, cars, go carts, CANSATs etc. created by talented CGCians was also organised. Outstanding students of the institution including CGC's alumni, student achievers, and NCC cadets were felicitated.

STUDENT ACHIEVEMENTS

CGC Landran organises annual entrepreneurship event B-STARTERS



The annual B-Starters event was organised by CGC Landran's Business School of Administration in association with Innovation & Entrepreneurship Development Centre (IEDC)-CEC. The event saw the participation of 100+ students divided into 32 teams. Judged by an eminent panel comprising corporate leaders and angel investors, five most innovative business concepts presented by the participants were adjudged as winners of B-Starters.

The winning ideas were adjudged on parameters including the economic and social viability, cost effectiveness and ease of implementation. They were felicitated with an assistance of Rupees One Lakh each from IEDC-CEC to develop their ideas further apart from certificates and trophies.

The five winning ideas comprised - 'Farmer Relief System' a project aimed at helping farmers prevent overuse of water for irrigation, safeguard storage from burglary and protection from cattle invasion, 'Agiator' a start-up aiming to design efficient, powerful and cost effective Triple Environment Surveillance and Rescue robots, 'Autonomous Plant Maintainer' an eco-friendly device operating on IoT Augmentation which would help manage large scale plantations with minimal human intervention, 'Fuel Adulteration Detector' a project aimed at real-time detection of fuel (petrol/diesel) adulteration and a system developed to aid easy 'opening of a refrigerator door' for people with movement-related medical condition (s) and the elderly.

INDUSTRY COLLABORATIONS



CGC Landran signs MoU with Red Hat Academy

Chandigarh Group of Colleges (CGC) Landran has inked a Memorandum of Understanding (MoU) with Red Hat Academy, world's leading provider of open source and enterprise IT solutions, which would see the latter setting up an academy in the campus at CGC, facilitating students of the institution to pursue certified courses in cloud technologies with free enrolment.

The Academy will have a customised curriculum including instructions across platform, middleware, and cloud technologies built with input from Red Hat development, support, and field consulting teams. Unlike a generic “distribution agnostic” Linux curriculum, Red Hat's curriculum is based on Red Hat Enterprise Linux platform. As part of the MoU, Red Hat will also

facilitate visits by Industry Experts to conduct Faculty Development Programmes (FDPs) and exclusive sessions students to enlighten them with the latest developments in the industry, eventually helping them gain considerable edge over their peers during placement drives.

RESEARCH AND INNOVATION



CGCians build and donate sensor operated, smart walking canes to the visually impaired

Aiming to utilise their knowledge to make a positive difference in the society and serve a social cause, a group of 2nd and 3rd year students pursuing Electronics & Communication engineering (ECE) from CGC Landran created and donated sensor operated, smart walking canes to visually impaired inmates of Institute for The Blind, Sector 26, Chandigarh.

These easy-to-use and efficient walking canes are battery operated, waterproof, fitted with LED strips, and once charged, can be used for three days. The cane is fitted with an ultrasonic sensor for obstacle detection within the range of 80-90 cms. The contraption also has a soil moisture sensor for detection of water (in puddles etc.) on roads. It vibrates to intimate the user about any obstacle in their way, helping them navigate with easily and safely.

THE HIGHLIGHTS



National level Workshop on **Optimization Techniques** in Mechanical Engineering

A National workshop on Optimization Techniques in Mechanical Engineering was organised by the Department of Mechanical Engineering, CGC Landran in association with the Institution of Engineers (India) Punjab and Chandigarh State Centre, under the aegis of Mechanical Engineering Division Board, IEI. The entire premise of the workshop was centered on the development and application of emerging trends in optimization in the field of Mechanical Engineering. The objective of the workshop was to promote translation of basic research into applied investigation and convert it into industrial practice in an efficient manner, using the best suited optimization techniques. The event was attended by 100-plus members of the faculty, research scholars and industry representatives. Dr. Ekta Singla, Head, Department of Mechanical Engineering, IIT Ropar, was the Chief Guest on the occasion.



Training programme on Rights of Child organised at CGC Landran

A day long training programme to sensitise educators on Rights of Child was organised by Chandigarh College of Education, CGC Landran in association with the National Human Rights Commission (NHRC), New Delhi. The objective of the programme was to enhance awareness of the current & budding teachers on the subject, thereby preparing them to be adept at handling and addressing their students' grievances in a sensitive and effective manner. The event saw the participation of a hundred-plus students and members of faculty. The Chief Guest, Mr Suresh Kalia, Chairperson, Punjab State Commission for Protection of Child Rights, inaugurated the session. Keynote speakers at the training programme comprised Mr. Neil Andrew Roberts, Member, Juvenile Justice Board, SAS Nagar, Mohali and Mrs. Taranjeet Kaur Hundal, Senior Advocate, Punjab and Haryana High Court.

UPCOMING EVENTS

2nd International Conference on
INNOVATIONS IN COMPUTING
 December 14-15, 2018

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