UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY
(A Constituent Autonomous Institute)
(Recognized under Section 12 (B) and 2 (F) of UGC Act 1956)
KURUKSHETRA UNIVERSITY, KURUKSHETRA – 136119 (HARYANA)
(Established by the State Legislature Act XII of 1956, NAAC A+ Grade)

A.1 VISION / MISSION OF IIC ESTABLISHED AT THE INSTITUTE

VISION:

Empower UIET, Kurukshetra University, to be the leader to facilitate and catalyse the innovations, start-ups, entrepreneurial development and business growth to the students and faculties for the sustainable economic growth of the community.

MISSION:

To develop a system with the required infrastructure that can enable the creative thinkers and faculties to innovate and prototype their ideas with the support from government, industry and reputed academic institutions around the world and help them to realize their potentials.

JOURNEY OF IIC ESTABLISHED AT THE INSTITUTE

The Entrepreneurship development cell (EDC) was established in the institute in 2008 with an objective to foster the culture of innovation, Entrepreneurship and start-ups. Later on, AICTE and MHRD issued a mandate to promote Innovation in the institution through multitudinous modes leading to an innovation promotion ecosystem in the campus and also to promote the culture of Innovation, Entrepreneurship and Start-up among the student community, faculty and staff. In consequence of this event, Institution's Innovation Council (IIC) was established in 2018-19 at UIET, KUK.

Major focus of IIC, UIET, KUK is to create a vibrant local innovation ecosystem and establish a start-up supporting mechanism in the institute. It focuses on preparing the institute for Atal Ranking of Institutions on Innovation Achievements (ARIIA) framework and to establish function ecosystem for scouting ideas and pre-incubation of ideas and also to develop better cognitive ability for technology students.

It aims to conduct various innovation and entrepreneurship-related activities prescribed by Ministry of Education Innovation Cell (MIC), IIC calendar activities and self-driven activities in a time bound fashion. Identifying and rewarding innovations and sharing success stories, organizing general measure of enterprising tendency (GET) test for identifying young innovators and entrepreneurs, periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and creating a mentor pool for student innovators, network with peers and national entrepreneurship development organizations, highlighting innovative projects carried out by institution's faculty and students, organizing Hackathons, idea competition, mini-challenges etc. with the involvement of industries are many of its prominent objectives.

MIC declared a national level competition named as "Smart India Hackathon (SIH)-2020" for the problem statements in software as well as hardware categories were offered by the central and state ministries, PSU's, industries and NGO's. For this, IIC UIET, KUK organized an institute level SIH-2020 for the selection of teams. In this competition, 10 teams were shortlisted in the internal

SIH-2020 and uploaded on SIH portal. In the finale, one of the teams won first prize in the nation-wide competition SIH-2020 for the problem statement offered by the Govt. of GOA. These students also earn the eligibility to participate in International Hackathon for which they were given training on how to prepare a business model and execution plans.

Idea/ PoC pitching & validation and Institute level PoC competition online Innovation contests were organized in Nov, 2020. Around 15-16 teams participated in that contest; prepared prototypes on waste segregation system, Smart bins, developed android application to fight crimes like sexual harassment and child abuse and many more.

Series of webinars, workshops, mentorship workshops and success stories have been organized to develop innovation ecosystem.

An incubation centre has been established with an aid of ₹30 lac from DITECH, Haryana for pre-incubating the start-up ideas. IIC, UIET is mentoring and supporting start-up ideas which are at prototyping stage. UIET, KUK has also been selected as a host institute for providing grant of ₹15 lac with the support of MSME.

DIVERSIFIED REPRESENTATION IN THE IIC ESTABLISHED AT THE INSTITUTE FROM INDUSTRY, INTERDISCIPLINARY & DEPARTMENTS/ UNITS ETC.

UIET is presently running UG, PG and Ph. d. courses in ME, CSE, ECE, Bio-tech. and applied sciences. A council has been constituted consisting of 12 members from different disciplines for disseminating the information about the activities to be conducted related to start-ups and innovations and their organization. The institute also organizes alumni meets time to time and invite the entrepreneurs to interact with the students and the faculty members. The institute has MoU with different companies such as Pedal Start, Wavelinx, SIEMENS COE, CYPE SPAIN with D2O (Design to Occupancy) etc. to Promote I&E Activities and/or Internship Opportunities.

Brief mention of key functionaries at the IIC Institute

Director and Head, IIC, UIET: Prof. Sunil Dhingra

President and Convenor: Dr. Vishal Ahlawat, Assistant Professor

Vice President: Dr. Sunil Nain, Assistant Professor

Coordinators:

1. Dr. Sanjay Kajal: Assistant Professor, ME, Start-up Activity
2. Dr. Deepak Malik: Assistant Professor, Bio-Tech., Innovation Activity
3. Ms. Shivani: Assistant Professor, Social-media, ECE
4. Mr. Ravinder Chaudhary: Assistant Professor, ME, Internship Activity
5. Dr. Chandar Diwakar: Assistant Professor, CSE, ARIIA
6. Mr. Mayank Bhardwaj: Assistant Professor, ME, NIRF
7. Mr. Archit Sharma: Assistant Professor, Bio-Tech, IPR Activity
8. Mr. Nafeesh Ahmed: Assistant Professor, ECE, Member
9. Ms. Sonia Saini: Assistant Professor, CSE, Member

Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Total No. of IIC Members: 11

Total No. of IAs: 06

Total No. of faculty Mentors: 12

Incubation Units: 01

IP Facilitation Unit: 01

Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

The incubation centre at UIET, KUK has been established with a financial aid of Rs. 30 Lac from DITECH, Haryana. The dimensions of the floor area and the facilities are as follows:

- Total Area: 52 x 60 ft^2
- Office Rooms with interns cabin: 8
- Conference Rooms: 1
- Computer Labs: 2
- Discussion Rooms: 2
- Waiting Room: 1
- Others: 1 Pantry, 1 Drinking water spot, 1 Reception point
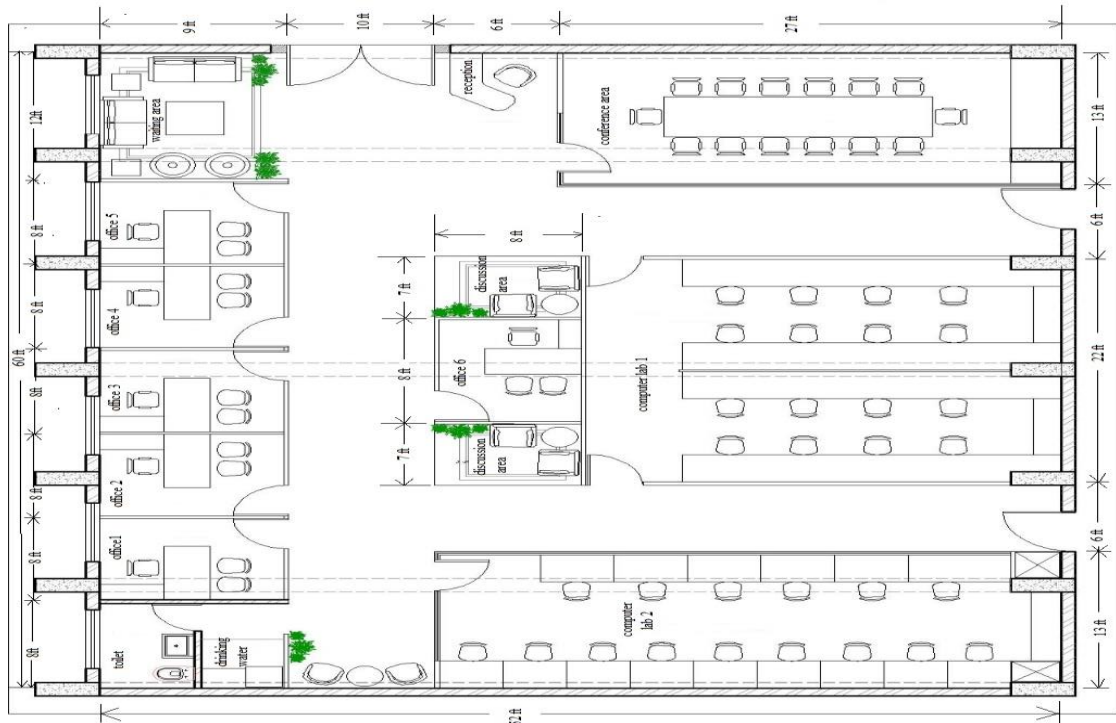
Layout/drawing of incubation Centre

Community Incubation Centre UIET, KUK

Student Club: Start-up champs and E-cell UIET, KUK

Core team of teachers IIC, UIET, KUK

Roles	Name & Details	Department	Designation
President	**Dr. Vishal Ahlawat** vahlawat2015@kuk.ac.in 9896580055		Assistant Professor
Convener	**Dr. Vishal Ahlawat** vahlawat2015@kuk.ac.in 9896580055	Mechanical Engineering	Assistant Professor
Start up Activity Coordinator	**Dr. Sanjay Kajal** skajal2015@kuk.ac.in 9416177583	Mechanical Engineering	Assistant Professor
Innovation Activity,Member	**Dr. Deepak Malik** dmalik2015@kuk.ac.in 9017414672	Biotech	Assistant Professor
Social Media,Member	**Shivani** chauhanshivani31@gmail.com 8168313519	ECE	Assistant Professor
Internship Activity Coordinator,Member	**Ravinder Choudhary** reachforme87@gmail.com 9017902010	ME	Assistant Professor
Vice President	**Dr. Sunil Nain** snain2015@kuk.ac.in 9896854040	Mechanical Engineering	Assistant Professor
ARIIA Coordinator,Member	**Dr. Chander Diwakar** chander_cd@rediffmail.com 9467557040	CSE	Assistant Professor
NIRF Coordinator,Member	**Mayank Bhardwaj** mayank.bdj@gmail.com 9996344425	ME	Assistant Professor
IPR Activity Coordinator,Member	**Archit Sharma** archit.sharma786@gmail.com 9466814700	BT	Assistant Professor
Member	**Sonia Saini** sainisoni99@gmail.com 8396973444	CSE	Assistant Professor

Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted:
- **I&E activities: 16**
- **IPR activities: NIL**

- No. of student's & faculty ideas generated: **10**
- No. of student's & faculty Innovation/prototypes developed: **04**
- No. of IPs generated, published and granted: **03**
- No. of Student & Faculty Start-ups/Ventures established: NIL
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: 50,000/- (Approx.)
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: **30,000**
- No. of Technology Transfer and Commercialisation happened: **NIL**

Quarterly Action Plan

All the IIC members have been assigned as a teacher coordinator quarter wise for the smooth conduction of activities.

Quarter 1 Plan

Sr. No.	Name of Activity	Activity Type	Tentative Dates	Coordinator
1.	Workshop on "Entrepreneurship and Innovation" as Career Opportunity	IIC calendar	17-18th Oct, 2022	Dr. Sanjay Kajal Ms. Sonia Saini
2.	My Story - Motivational Session by Successful Entrepreneur/Start-up founder/Innovator	IIC calendar	19-20th Oct, 2022	Dr. Sanjeev Ahuja Dr. Sunil Nain
3	Session on Problem Solving and Ideation Workshop	IIC calendar	21st-22nd Oct, 2022	Dr. Nikhil Marriwala
4	Exposure and field visit for problem identification	IIC calendar	2-4th Nov, 2022	Dr. Nikhil Marriwala
5	Organise an Inter/Intra Institutional Idea Competition and Reward Best Ideas - Manage through YUKTI-NIR	IIC calendar	29-30th Nov, 2022	Dr. Vishal Ahlawat Dr. Ram Avtar Mr. Archit Sharma

Quarter 2 Plan

Sr. No.	Name of Activity	Activity Type	Tentative Dates	Coordinator

1.	Workshop on Design Thinking, Critical thinking and innovation Design	IIC calendar	24th Feb,2023	Dr. Vishal Ahalwat
2.	Organize an Expert talk on process of Innovation Development, Technology Readiness level; commercialization of Lab Technologies and Tech Transfer	IIC calendar	25th Feb,2023	Mrs. Shivani Chauhan
3	Workshop on Entrepreneurship skill, Attitude and Behaviour Development.	IIC calendar	25th Feb,2023	Dr. Vishal Ahalwat
4	Conduct a session on Achieving Problem-solution Fit and product - Market Fit.	IIC calendar	25th Feb,2023	Dr. Vishal Ahalwat
5	Organize an Inter/Intra Institutional innovation Competition and Reward Best innovation-Manage through YUKTI-NIR	IIC calendar	25th Feb,2023	Dr. Vishal Ahlawat

Sr. No.	Name of Activity	Activity Type	Tentative Dates	Coordinator
1.	Workshop on "Prototype/Process Design and Development"	IIC calendar	26th April,2023	Dr. Nikhil Marriwala
2.	Session on "How to plan for startup and legal and Ethical steps"	IIC calendar	28th April,2023	Dr. Sanjay Kajal
3	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	IIC calendar	5th May, 2023	Mr. Archit Sharma
4	Mentoring event: Demo Day/Exhibition/poster presentation of Business Plan &linkage with innovation Ambassador/Experts for mentorship support manage through YUKTI-INR	IIC calendar	10th May, 2023	Mrs. Shivani Chauhan Mrs. Sonia Saini Mr. Atul

List of activities conducted as per the action plan

S.NO.	NAME OF THE EVENT/SESSION	DATE OF THE EVENT/SESSION
1	Business Problem Solving and Ideation Session	17-11-2022
2	Intro Session about E-Cell, IIC and CIC	07-12-2022
3	My Experiences as an Entrepreneur	11-12-2022
4	Workshop on Design Thinking, Critical Thinking and Innovation Design	24-02-2023
5	My story as a motivational session by Successful Entrepreneurs/Start up founder	24-02-2023
6	Achieving problem solution fit and Product market fit	25-02-2023
7	Session on Idea Competition and Reward the best idea	25-02-2023
8	Session on Process of Innovation Development, Technology Readiness level and commercialization of lab technology.	25-02-2023
9	Session on Workshop on Entrepreneurship Skill, Attitude and behavior Development	25-02-2023
10	INTERACTION WITH OOHR INNOVATIONS	29-03-2023
11	HACKTALKS'2023	05-04-2023
12	KAVACH INTERNAL HACKATHON 2023	11-04-2023
13	INNOVATE-A-THON	10-05-2023
14	AAWAHAN'2K23	19-05-2023
15	AAWAHAN'2K23	20-05-2023
16	Entrepreneurship Day	21-08-2023

Session on
Business Problem Solving and Ideation Session
17th Nov 2022
MECHNAICAL AUDI(3pm-5pm)

On 17th Nov 2022, A workshop on Business Problem Solving and Ideation Session was organized by Institute Innovation Council in collaboration with TIE Chandigarh and Team HitBullseye. They informed students about about their organization structure. The aim of this session was to conduct an Intra college competition to test the Student's marketing skills and a business aptitude. Team Hitbullseye had prepared a powerpoint and familiarized students with the importance of marketing skills. Based on this session the students voiced their doubts and questions regarding a business and it's marketing. The Team delivered these answers in a amicable manner. After the seminar , a questionnaire was given by the team to all the present students in the form of mcqs. They were given 45 mins to solve this questionnaire.

After submitting the assignment, the team conducted a small quiz about Innovation and business to engage the participants actively. 3 winners were chosen among the students who gave correct answers in the quiz. They were awarded with prizes as a token of appreciation.

At the end of the session, the IIC team thanked and felicitated Team Hitbullseye for a wonderful workshop. The winners of the questionnaire were announced at a later date and were selected for the inter college competition. This session was about idea validation and pitching. Airbnb was case studied as validate by doing example. 4 parameters of validation, namely Monetization, Product-Market fit, Innovation, & Scalability were discussed in detail. It followed by discussion on pitching the idea: the roles of good pitching, and how a good pitch should be structured as: brand name, product description, business model & target audience, market part & data, differentiating factors, and ask. It was followed by an idea pitching event where participants had to make a pitch about their idea to the panel composed of speakers and faculty members. The audience gave a wonderful response in participation. There were 12 pitches including 2 in form of teams. Thereafter, the speakers gave feedback and what next on these pitches. Three winners were chosen on basis of popular vote of audience and given a prize.

Social Media Links:
Instagram:
https://www.instagram.com/p/CpAOn-TPkU2/?igshid=MDJmNzVkMjY=
https://www.instagram.com/p/CpAOn-TPkU2/?igshid=MDJmNzVkMjY=

LinkedIn: https://www.linkedin.com/posts/ecelluietkuk_innovation-startup-university-activity-7035506855917330432-sQ8U?utm_source=share&utm_medium=member_android

Intro Session about E-Cell, IIC and CIC
7 December 2022
10am-12pm

On 7th Dec 2022, An Intro Session was organized as a self-driven activity by the student team of IIC, Team E-cell UIET KUK. The session was mainly focused on raising awareness about the working of IIC and the various government initiatives for developing the culture of Startups and innovation in the country, starting with the educational institutions.
The target audience were the institute freshers who are usually unaware about what opportunities a startup or innovative problem solving may present.
In this session the Ecell team introduced themselves and their roles in IIC. They interacted with the freshers and highlighted previous IIC activities
To make the session more visually appealing, the IIC team presented a highlight video based on the previous activities that instantly grabbed the attention of the audience.
IIC's convener Dr. Vishal Ahlawat also made a guest appearance and addressed the audience as well as motivated them to work towards innovation and be a part of the startup culture.
The Team also delivered a short address explaining YUKTI, the government initiative to build a National Repository of ideas.
In the later half of this session, a cool game quiz was conducted for the audience that involved questions regarding the latest and important innovation as well as relatable startups that matter in day to day life.

Social Media Links:
Instagram:
https://www.instagram.com/p/ClCJTB1yC3w/?igshid=YmMyMTA2M2Y=

Title of event: My Experiences as an Entrepreneur
(Motivational session by a Startup Founder)
Date and Time:11ᵗʰ December 2022 & 4pm-5pm
**Speaker: Mr. Puneet Pahuja**

The session was based on a motivational story of a startup founder and was conducted in the online mode.

The speaker of this session was Mr. Puneet Pahuja who shared about his experience as an entrepreneur and his experience receiving a high rank in academic entrance exams and then working for Google from Oct 2020 to Jan 2022.

He has been doing functional programming since 2015. The session was interactive as well as knowledgeable for the audience. He shared about his startup experiments as well as about his previous failed attempts. The startup he founded is called Fractl. The session was an hour long where he shared insights, experiences and answered questions about various topics ranging from his college life, higher education and early career opportunities as well as the trends of startups and how they are going to play a major role in the Indian economy in the coming years.

The session ended on high note with various enthusiastic participants,

Pictures of the event:
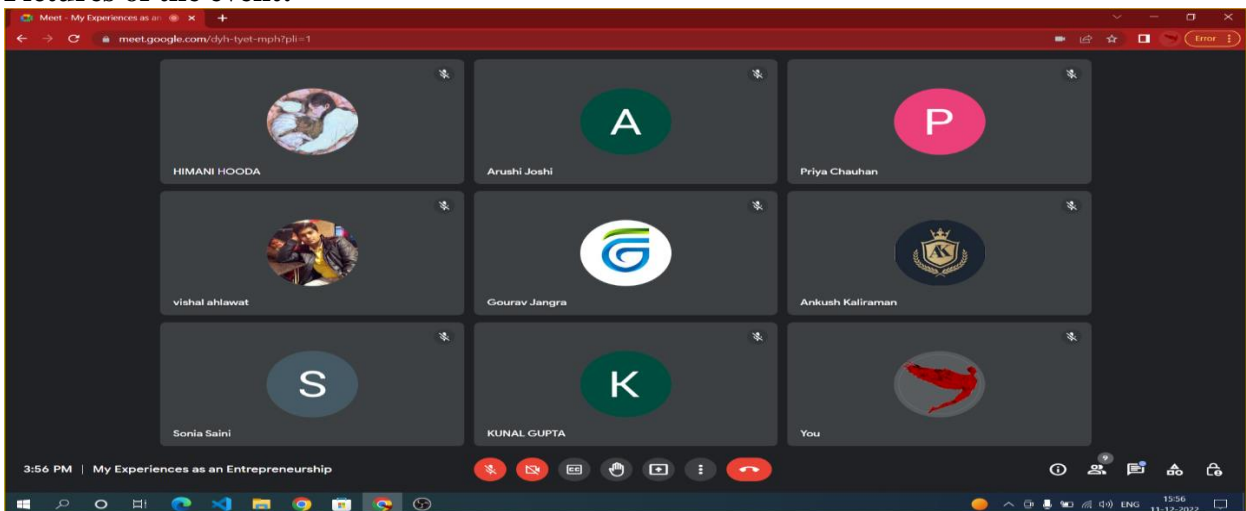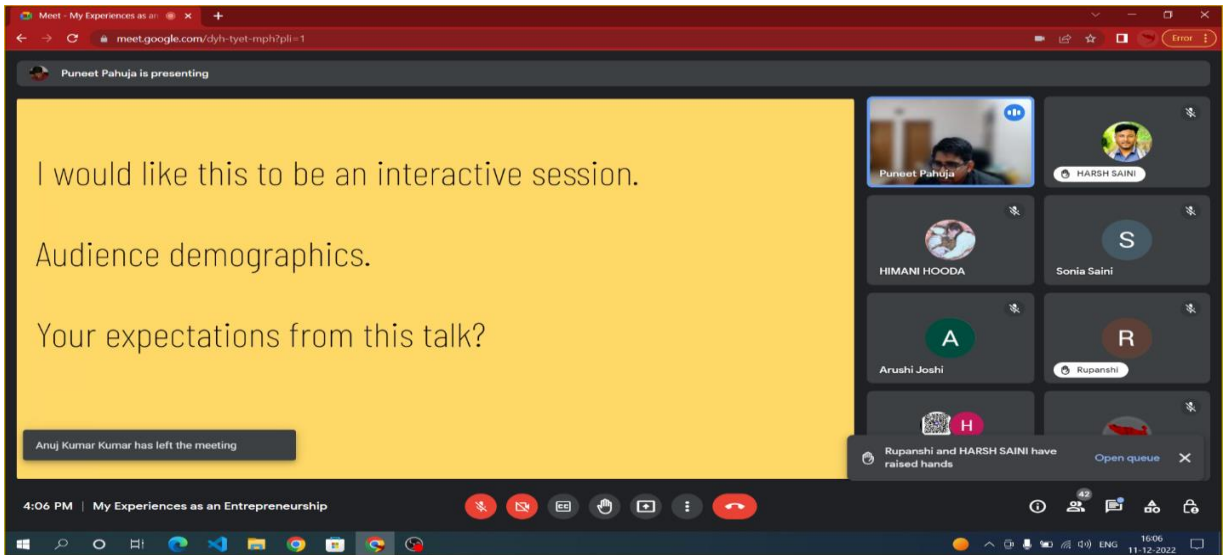
My story as a motivational session
by Successful Entrepreneurs/Start up founder
24 Feb 2023
2:00pm-3:00pm

UIET KUK and Community Incubation centre, and Institution Innovation Council organized a 2 days "Workshop on Ideation to Idea Validation" with Skilleit on 24th and 25th febraury 2023

The first session of this workshop was My story as a motivational session by Successful Entrepreneurs. The guests and founders of Skilleit, Ms Ritu Srivaastava and Mr Kunnwar Vijay Parmar narrated their struggles, career path and innovations that led to them being successful Startup owners.

Ms Ritu used to work in architecture with a Japanese firm before starting her own business. After a long time of working in the architecture business she decided to take risks and widen her horizons and thus turned to forming her own startup. She describes herself as a social Entrepreneur who has 4 years of experience as a social entrepreneur. She fouunded a social start-up and innovated world's 1st Start-up Game &Game-based Programs. She was nominated Innovation Ambassador by Ministry of Education (Innovation Cell)

Mr Kunnwar Vijay Parmar is an Entrepreneur and A certificied Critical Design Thinking Expert He has 10 years of experience as a socialentrepreneur. He has founded two social start-ups and innovated world's 1st Entrepreneurship Game-Based Program. He has an year of Volunteering experience in orphanage as a teacher and a notable achievement is that he innovated & distributed 100 sticks for blind people (AICB-Delhi). He has trained more the 50,000 teachers and Students on Entrepreneurship. He also has 10 year of corporate experience in E-bike (Minda Group) and Simulator industry (Zen-technologies Ltd). He has been nominated as Innovation Ambassador & Evaluator for Smart India Hackathon by Ministry of Education.

Not only this , they hyped up the audience for the rest of the session with a new found interest in innovations and the Startup culture.

Session on

Workshop on Design Thinking, Critical Thinking and Innovation Design.

24th February 2023

UIET KUK and Community Incubation centre, and Institution InnovationCouncil organized a 2 days "Workshop on Ideation to Idea Validation" with Skilleit on 24th and 25th febraury 2023 were conducted as a whole in which ideation, prototyping and market validation followed by idea pitching competition took place. All the sessions were activity based. E-certificates were also provided to the students who had attended all the sessions. Students and faculty from all over University were eligible to attend this free workshop.

On day 1, i.e. on 24th February, 2023, the speakers introduced to all audience, the plan for 2 days. Day 1 continued with an interesting activity called "Fundogu" (inspired by Chindogu – a practice of japanese origin to create useless inventions) that inculcated the out-of-box thinking in the attendees. Teams of 5 each were made among all the attendees and each member of team was assigned a card that defined his/her roles and then everyone was asked to design a bag. It was really a fun activity that required participation of each and every attendee. Day 1 of workshop was closed on a happy note that included an activity of bidding that involved all the attendees. Attendees showed a great amount of interest and took home a lot of knowledge and profound experience.

Pictures of the event:

Social Media Links:
Instagram:
LinkedIn:

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Session on
Workshop on Entrepreneurship Skill, Attitude and behavior Development
25 February 2023

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Various reasons or methods for seeding of ideas i.e. idea generation were discussed, and types of innovation were shed a light on to give participants new ways to rationally and categorically think about these and derive knowledge. The idea generating technique SCAMPER (substitute, combine, adapt, modify, re-purpose, eliminate, rearrange) was given ample time on discussion and participants were encouraged to think about this in context of their idea and share it. It sparked quite a lot of interest and good ideas from audience. Students were asked to think of a product of their own and how SCAMPER technique can be applied to their own ideas.The Presented ideas ranged from healthcare sector to stationery sector with various market audience.The pitchers' ideas were developed in the workshop. All the stages of these competition were activity based.

Pictures of the event:

Links:

Session on
Process of Innovation Development, Technology Readiness level and commercialization of lab technology.
25 February 2023

UIET, KUK and Community Incubation Centre, and Institution Innovation Council conducted a activity based session on "Process of Innovation Development, Technology Readiness level and commercialization of lab technology" in which ideation, prototyping and market validation followed by idea pitching competition took place. E-certificates were also provided to the students who had attended all the sessions. Students and faculty from all over university were eligible to attend this free workshop.

Ms. Ritu is an entrepreneur and architect, and Mr. Kunwal is an entrepreneur, innovation & certified design thinking expert, both of whom nominated expert by IIC, MoE and are co-founders of the ed-tech startup (DIPP-24301) Wivitan Solutions Pvt Ltd. SKILLEIT (Skill Entrepreneurship Innovation and Tool based) is the brand name for this startup.

The session was started at 10:30 am with case studies of some over-engineered failure startups like "Juicero" and some extremely simple but efficient products like " जीवन बिन्दी " (lifesaving dot) in the market to give importance to idea evaluation scales like scalability, marketability, and innovation. Origin and adaptation stories of several widely known products of today's (Instagram, Ola, YouTube, Anthyesti, Bajaj, De Beers) were also discussed to illustrate the often-unexpected turns in success stories. Crowd sourcing and partnership platforms of Google, Microsoft, Canva, etc. were discussed for address question of improvement ideas in existing products by supporting startups.

Students were informed about Key performing Indicators to evaluate their Innovation and its sustainability in the market.Students were also informed about various government agencies created to foster innovation and how it is useful in economic development and growth of the organization.

Various reasons or methods for seeding of ideas i.e., idea generation were discussed, and types of innovation were shed a light on to give participants new ways to rationally and categorically think about these and derive knowledge.

The idea generating technique SCAMPER (Substitute, Combine, Adapt, Modify, Re-purpose, Eliminate, Rearrange) was given ample time on discussion and participants were encouraged to think about this in context of their idea and share it. It sparked quite a lot of interest and good ideas from audience.

All the students took part very enthusiastically in the session. The sessions, important for an aspiring student, were very insightful and a learning one.

Links:

LinkedIn: https://www.linkedin.com/posts/ecelluietkuk_innovation-community-opportunity-activity-7034489167904411648-7V9M?utm_source=share&utm_medium=member_android

Instagram: https://www.instagram.com/p/CpAOn-TPkU2/?igshid=MDJmNzVkMjY=

Session on
Idea Competition and Reward the best idea
25 February 2023

This session was about idea validation and pitching. Airbnb was case studied as validate by doing example. 4 parameters of validation, namely Monetization, Product-Market fit, Innovation, & Scalability were discussed in detail.

It followed by discussion on pitching the idea: the roles of good pitching, and how a good pitch should be structured as: brand name, product description, business model & target audience, market part & data, differentiating factors, and ask.

It was followed by an idea pitching event where participants had to make a pitch about their idea to the panel composed of speakers and faculty members. The audience gave a wonderful response in participation. There were 12 pitches including 2 in form of teams. Thereafter, the speakers gave feedback and what next on these pitches. Three winners were chosen on basis of popular vote of audience and given a prize.

Photos of the session:

INTERACTION WITH OOHR INNOVATIONS
29 March 2023
Time - 11:45 am
Venue - Room no. 100

UIET, KUK and Community Incubation Centre, and Institution Innovation Council organized an interactive session with OOHR Innovations at 11:45 am in room no. 100.The session was graced by the presence of Dev Sharma, the alumni and co-founder of OOHR Innovations, and Mukul Pant, the co-founder of the same. Mukul Pant began his presentation by introducing their startup, which focuses on solving education problems. OOHR Innovations Pvt Ltd provides a comprehensive solution for all types of schools, including transportation and information systems. He highlighted that his startup's main product was a parents-oriented app-based platform called MyOohr application.

MyOohr is a user-friendly application that provides a complete digital solution for parents concerning their kid's schooling. An app-based platform for parents, by which they can easily interact online with school management and school transport systems. The platform operates on a subscriber-based system for apps. Mukul shared that the prototype of his application was running successfully in Punjab and Dehradun. OOHR Innovations incubated under the Community incubation centre UIET. Mukul also emphasized the benefits of working in the real world, citing

examples of successful entrepreneurs like Brian Acton, the founder of WhatsApp, who previously worked at Yahoo.

He highlighted that working in the real world would give students exposure to innovation, entrepreneurial experience, creativity, ownership, potential for future employment, flexibility, and impact.At Last, Dr. Vishal Ahlawat, convener, IIC provided information about Yukti and Kavach 2023, which further emphasized the importance of innovation and solving real-world problems. Overall, the event was a success, providing students with insight and knowledge regarding real-world problems and how they can solve them through innovation and creativity. The event also provided opportunities for the students to gain practical experience and network with industry professionals.

Photos of the session:

Social Media link

Linkedin:
https://www.linkedin.com/posts/ecelluietkuk_opportunity-startup-students-activity-704537859
9045971968-m1BS?utm_source=share&utm_medium=member_android
Instagram:
https://www.instagram.com/p/CqNhKGePsPK/?utm_source=ig_web_copy_link

Title of event: HACKTALKS'2023
Date and Time: 5 April 2023, 11:45 am

An introduction to Hackathons: HackTalks was organized by E-cell, UIET on April 5 at 12 pm in Room 100 of UIET. It was a talk show with SIH 2022 Finalists and Winners of UIET in which members of finalist team "Morse coders" and finalist teams "Code Surfers" and "Code 404" were in the panel. The anchor of the event Started with a question and built engagement with the audience. Then he explained to everyone what exactly a Hackathon is? Then the informal talk started. And the students started to take the best out of the knowledge and experiences of the panelists. One of the panelists said that there are various national Hackathons like SIH and KAVACH. In these, an Internal Hackathon is being conducted which is judged by specialized mentors and teachers who guide the participants about the required corrections in their project. After that, some of the teams are being selected and represent UIET at the National Level. Firstly, the team is supposed to choose a problem statement given by various ministries on the Hackathon official portal. A research is then done by the team about the possible solution of the problem and one should stick to a single problem statement and try to overcome all the hurdles coming in his way. In the Internal Hackathon, the presentation round is being conducted in which the novelty as well as the feasibility of the solution is being checked. The ppts of the selected teams are submitted on the portals for final submission. After the ppt is being selected by the ministry, the teams are called upon for the finale. Women safety and accommodation facilities are taken care of by the ministry itself during the grand finale. After that, someone asked the speakers about the strategy to be followed while making a team and choosing a problem statement. On this, the panelist replied that multi-talented and skilled team members should be selected who can perform each tech task given. One should not need to have expertise in his respective field but hackathons are for gaining experience and knowledge as well as help in building a professional work environment. As the internet has each and everything, you can take its help to build your solution. The proper problem statement should be chosen keeping in mind the similarities between tech your team knows and the requirements of the project chosen. All you need to do is to present an innovative and unique solution. One by one each of the panelists shared their hackathon experience with the audience. Soft skills matter a lot while explaining your idea and project to the ministry. Lastly the importance of participating in hackathons was asked and the panelist replied that in the whether one is in service or product based industry one has to work on real time problems and hackathons provide you such an environment. You get the opportunity of learning from the experiences of judges and mentors. And lastly, team E-cell announced that they along with GDSC are soon going to organize an internal hackathon on

Institute level.

Title of event: KAVACH INTERNAL HACKATHON 2023

Date:11 April 2023
Time - 10:30 am

On 11th April 2023, UIET, KUK and Community Incubation Centre, and Institution Innovation Council organized Kavach Internal hackathon based on the cybersecurity theme, was held in room no. 100. The event saw the participation of 22 teams. The hackathon was launched by AICTE, BPRD (bureau of police research and development), and Indian cybercrime coordination centre (I4C) under the Ministry of Home Affairs.The event started with a speech of our honourable Director, Dr. Sunil Dhingra. He emphasized the importance of cybersecurity and how events like Kavach can help in finding innovative solutions to protect data and systems from cyber attacks.The hackathon had 20 problem statements on cybersecurity, and each statement was worth INR 1 lac. The participants had to come up with innovative solutions to these problem statements, and the judging criteria were based on novelty/clarity, feasibility/practicality, and scalability/potential of the idea.

The jury members were;

1.) Prof. Pradeep Mittal, Professor in Deparatment in Computer Science and Application,KUK. He is expert in algorithm design, Optimization and Analysis.
2.) Prof. Rakesh Kumar, Professor in Deparatment in Computer Science and Application,KUK. He is expert in algorithm design, Optimization and Analysis.
3.) Dr. Nikhil Marriwala, Assistant professor in Computer Science and Engineering Deparatment, UIET KUK.
4.) Dr. Naresh Kumar, Assitant Professor in Computer Science and Engineering Deparatment, UIET KUK.

The Minute to minute for the events is:

S. No.	Activities	Time
1.	Welcome of guests/judges/teams	10:30 am-10:35 am
2.	About the hackathon by Dr. Vishal Ahlawat	10:35 am-10:45 am
3.	Keynote address by Director, UIET	10:45 am-10:50 am
4.	Rules announcement to the teams	10:50 am-10:55 am
5.	Presentation of teams (1st half)	11:00 am-1:00 pm
6.	Lunch break	1:00 am-2:00 pm
7.	Presentation of teams (2nd half)	2:00 pm-3:00 pm
8.	Declaration of results	3:00 pm-3:15 pm

S. No.	Activities	Time
9.	Certificate distribution	3:15 pm-3:30 pm
10.	Vote of thanks by Dr. Vishal Ahlawat	3:30 pm-3:40 pm
11.	Program Ends	3:40 pm

For evaluation, every team was given a duration of 5-8 minutes to be strictly followed for the presentation including a questioning round. The rule and the evaluation criteria for the competition were:

Rules and Evaluation Criteria for Internal KAVACH HACKATHON 2023

1. The time duration for the presentation should be 5-8 minutes (5 minutes for presentation + 3 minutes for question-answer).
2. Participants must finish the presentation within the time limit.
3. The presentations should be in the format provided and strictly limited to 4 slides.
4. All the team members must be present at the time of presentation.
5. The evaluation criteria for evaluating the team will be:-
A. Novelty in idea solution/clarity: **10 Marks**
B. Feasibility and practicality: **10 Marks**
C. The scale of impact/potential for future work progression/business model: **10 Marks**Total Marks: **30 Marks**

The hackathon had two external judges, Prof. Pradeep Mittal and Prof. Rakesh
 Kumar, both are from the department of Institute of Computer Science and Application. They were experts in algorithm design, optimization, analysis, and AI, data analytics, respectively. Dr. Nikhil Marriwala and Dr. Naresh Kumar, are the college judges, was also present to evaluate the solutions.The organizers of the event were Dr. Vishal Ahlawat, Dr. Sanjay Kajal, Ayush Raj, and Himani Hooda. They ensured that the event ran smoothly and that the participants had everything they needed. The hackathon had a total of ten shortlisted teams, and each team will get the opportunity to represent UIET, KUK at the national level.

The teams for the Presentation are as follows:

After the presentation, every team was asked a number of questions by the judges and the judges and the audience. After the presentation of all the present teams, the Professor Rakesh Kumar and professor Pradeep Mittal went up on the stage to show their appreciation for the event and congratulated all the participants for successful solutions. Dr. Vishal Ahlawat announced the results and delivered the vote of thanks to everyone associated with the event. The shortlisted teams are Cyber Catalyst, Username 404, Code with Commandos, Code Smashers, Pixel Breakers, Armament, Tarini, Crime Calculus, Tiny Coders, and Plugin Immortals. Each team had put in a lot of effort and presented their solutions with great enthusiasm. In conclusion, Kavach was a successful event that provided a platform for young minds to showcase their talent and come up with innovative solutions to real-world cybersecurity problems. The event was well-organized, and the participants and judges had a great time.

Sr. No.	Team Name	Team member	Problem Statement ID	Problem Statement Title	Problem Statement Description
1.	Tarini	**Piyush**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Mukul			
		Jaskaran Singh			
		Khushi Kumari			
		Shubham Singh Rawat			
		Amitesh Tiwari			
2.	Team Code Crafters	**Yash Sharma**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Divyansh Singh Raikwar			
		Anmol Singh			
		Harish			
		Tanuj Sharma			
		Suhani Mittal			
3.	The Rookies	**Chirag Singla**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video,
		Arvind Yadav			
		Ankit Mittal			

		Kaushiki			image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Anshu Miglani			
		Shubham Bhardwaj			
4.	Astute Coders	**Sahil**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Parul			
		Koshal			
		Lovedeep			
		Himani Hooda			
		Isha			
5.	Emercode	**Nitesh Grover**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Aarzoo			
		Rohan Saini			
		Aashish Kumar			
		Sunita			
		Ajay Singh Rana			
6.	Bhavani	**Devwart**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile
		Manthan			
		Ajay			

		Mayank Kumar			device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Jaya			
		Riya			
7.	Code Smashers	**Ishan garg**	KVH - 001	New age women safety app	Design and develop a Women safety app that automatically senses the danger to a mobile user and triggers an SOS alert with location details based on multimodal data from a mobile device such as audio, video, image, motion detection etc., given a situation that the user is not able to operate the mobile.
		Mayank Taneja			
		Yashpal Saini			
		Dushyant Garg			
		Yayaati			
		Purva			
8.	Crime Calculus	**Himanshu**	KVH - 005	Advanced ANPR & FRS solution	Design and develop a technological solution that can accurately perform the Automatic Number Plate Recognition (ANPR) along with Facial Recognition from the available CCTV feeds. The solution should be able to recognize number plates that are written in typical non-standard ways using varying font styles, sizes, designs, symbols, languages etc., i.e. difficult to recognize by existing ANPR Systems.
		Devyani			
		Arun			
		Aditya Pratap Singh			
		Jatin Saini			
		Rakesh Rawat			
9.	Code With Commandos	**Naman**	KVH - 005	Advanced ANPR &	Design and develop a technological solution that can

		Lovely Gupta		FRS solution	accurately perform the Automatic Number Plate Recognition (ANPR) along with Facial Recognition from the available CCTV feeds. The solution should be able to recognize number plates that are written in typical non-standard ways using varying font styles, sizes, designs, symbols, languages etc., i.e. difficult to recognize by existing ANPR Systems.
		Chandan			
		Shivani			
		Khushi			
		Himanshu			
10.	Pixel Breakers	**Ajay Singh Rana**	KVH - 005	Advanced ANPR & FRS solution	Design and develop a technological solution that can accurately perform the Automatic Number Plate Recognition (ANPR) along with Facial Recognition from the available CCTV feeds. The solution should be able to recognize number plates that are written in typical non-standard ways using varying font styles, sizes, designs, symbols, languages etc., i.e. difficult to recognize by existing ANPR Systems.
		Poonam Kumari			
		Anchal Chahal			
		Vikas			
		Ankit			
		Adarsh Kumar			
11.	Spam Slayers	**Sumit Kumar**	KVH - 007	Spam alert system	Design and develop a crowd-sourcing based solution that can analyse and verify the source of any incoming call, SMS and Email based on the inputs from the end-users. The solution should be able to classify, whether the source is genuine or spam. Also, the solution should be able to generate a risk score for incoming calls, SMS and Emails, based on the crowd-sourced input.
		Nikhil Mishra			
		Himani Punia			
		Khemchand Sharma			
		Rakshit			

		Lakshay			
12.	Solving Sapiens	**Aditya Rana**	KVH - 007	Spam alert system	Design and develop a crowd-sourcing based solution that can analyse and verify the source of any incoming call, SMS and Email based on the inputs from the end-users. The solution should be able to classify, whether the source is genuine or spam. Also, the solution should be able to generate a risk score for incoming calls, SMS and Emails, based on the crowd-sourced input.
		Vansh Punia			
		Pritam			
		Jay Verma			
		Sahil			
		Priya Chauhan			
13.	Tiny Coders	**Priyanshu Joshi**	KVH - 007	Spam alert system	Design and develop a crowd-sourcing based solution that can analyse and verify the source of any incoming call, SMS and Email based on the inputs from the end-users. The solution should be able to classify, whether the source is genuine or spam. Also, the solution should be able to generate a risk score for incoming calls, SMS and Emails, based on the crowd-sourced input.
		Varun Soni			
		Khushi Dixit			
		Divyanshi Rawat			
		Lalit Joshi			
		Bajarang Choudhary			
14.	Plugin Immortals	**Kisha Aggarwal**	KVH - 009	Advanced CCTV analytics solution	Design and develop a technological solution based on live CCTV feeds, that can automatically detect incidents related to street crime, violence,
		Nidhi			

		Karan Anand			burglary, theft, infiltration, unauthorized access etc. and generate alerts to the nearest Police Station. The solution should also be able to generate a report and maintain a database that includes the nature of incident/crime, location, time, level of alert (i.e., low, medium, high risk alert) etc.
		Shivam Saini			
		Chakitank			
		Radhika Saini			
15.	SPY - I	**Aniket Bedi**	KVH - 009	Advanced CCTV analytics solution	Design and develop a technological solution based on live CCTV feeds, that can automatically detect incidents related to street crime, violence, burglary, theft, infiltration, unauthorized access etc. and generate alerts to the nearest Police Station. The solution should also be able to generate a report and maintain a database that includes the nature of incident/crime, location, time, level of alert (i.e., low, medium, high risk alert) etc.
		Lovely			
		Nishtha jain			
		Shankar Malik			
		Vasu Jindal			
16.	Noice Coders	**Leevesh Kumar**	KVH - 009	Advanced CCTV	Design and develop a technological solution based on

		Sahil		analytics solution	live CCTV feeds, that can automatically detect incidents related to street crime, violence, burglary, theft, infiltration, unauthorized access etc. and generate alerts to the nearest Police Station. The solution should also be able to generate a report and maintain a database that includes the nature of incident/crime, location, time, level of alert (i.e., low, medium, high risk alert) etc.
		Sourav Saini			
		Rohan Saini			
		Surender Singh			
		Vanshika			
17.	Armament	**Abhilasha Jha**	KVH - 011	Citizen safety app for protection against cyber crimes	Developing an App to flag malicious/ fraud indicators in real-time. a) Mobile Number b) SMS Headers c) URL Links. d) UPI addresses e) Bit coin Wallet Address etc. f) SMS Templates
		Umakshi			
		Simran Garcha			
		Tarun Sharma			
		Gaurav Nagar			
		Prerit Aggarwal			
18.	Cyber Catalyst	**Kashish**	KVH - 013	Tool for monitoring ground personnel	Platform/tool to remotely track police officers deployed to bandobast duty using NFC to ensure that they stay where they are posted.
		Aditya			
		Disha Agarwal			
		Madhur			

		Ayush Sachan			
		Arushi Joshi			
19.	Team Garud	**Sonu Yadav**	KVH - 013	Tool for monitoring ground personnel	Platform/tool to remotely track police officers deployed to bandobast duty using NFC to ensure that they stay where they are posted.
		Gajender Verma			
		Aman Kumar			
		Harsh Gautam			
		Varun Ahuja			
		Pooja			
20.	Cyber -ops	**Ankur Singh**	KVH - 013	Tool for monitoring ground personnel	Platform/tool to remotely track police officers deployed to bandobast duty using NFC to ensure that they stay where they are posted.
		Yash Choudhary			
		Shivansh Sharma			
		Prashant Kumar			
		Vanshika			
		Agrim Gupta			
21.	Username 404	**Ayush Kadyan**	KVH - 013	Tool for monitoring ground personnel	Platform/tool to remotely track police officers deployed to bandobast duty using NFC to ensure that they stay where they are posted.
		Sahil			
		Kanishka			

		Rudra Verma			
		Devansh			
		Shubham Dhiman			
22.	Cryptokites	**Jiya jangra**	KVH - 020	Indigenous Crypto Currency Investigation Tool	Indigenous technological Crypto Currency Investigation Tools with multi-blockchain platform support.
		Ankita Parasher			
		Simran			
		Gungun			
		Himanshi			
		Kirti			

साईबर अपराध समय की सबसे बड़ी चुनौती है : प्रो. सुनील ढींगरा

जगमार्ग न्यूज

कुरुक्षेत्र। कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र के यूआईईटी संस्थान में कवच 2023 का उद्घाटन डीन इंजीनियरिंग एंड टेक्नोलॉजी तथा यूआईईटी संस्थान के निदेशक प्रो. सुनील ढींगरा ने किया। इस मौके पर प्रो. ढींगरा ने बताया कि आज साइबर अपराध समय की सबसे बड़ी चुनौती बन गया है। साइबर अपराध से बचने के लिए हर व्यक्ति को तकनीकी रूप से जागरूक होना अति आवश्यक है ।इसी उद्देश्य को लेकर शिक्षा मंत्रालय भारत सरकार द्वारा जी-20 व आज़ादी के अमृत महोत्सव के तहत सभी गतिविधियों को बढ़ावा देने के लिए ऐसे कार्यक्रमों का क्रियान्वयन किया जा रहा है! प्रोफ़ेसर ढींगरा ने बताया कि कवच का तात्पर्य समय के अनुसार साइबर अपराध व साइबर सुरक्षा से संबंधित चुनौतियों का समाधान तकनीकी रूप से करने के लिए इनोवेशन की आवश्यकता है। कवच-2023 द्वारा 21वी सदी में उत्पन्न सुरक्षा संबंधी समस्याओं का समाधान तकनीकी रूप से सक्षम होगा। यूआईईटी इन्क्यूबेशन सेल के इंचार्ज डॉ. विशाल अहलावत ने बताया कि कवच-2023 में यूआईईटी संस्थान से महिलाओं से संबंधित सुरक्षा के लिए एप्लीकेशन, ड्राइवर एडवांस डिजिटल टेक न्यूज़, बुजुर्गों के लिए साइबर अपराधिक सुरक्षा, चैट मसेन्जर डिस्क्रिप्सन टूल से संबंधित विषय पर 20 टीमों ने रजिस्ट्रेशन करवाया।

यूआईईटी में साइबर क्राइम के खिलाफ किया जागरूक

कुरुक्षेत्र | कुरुक्षेत्र यूनिवर्सिटी के यूआईईटी संस्थान में कवच 2023 का उद्घाटन डीन इंजीनियरिंग एंड टेक्नोलॉजी और यूआईईटी संस्थान के निदेशक प्रो. सुनील ढींगरा ने किया। प्रो. ढींगरा ने कहा कि साइबर अपराध समय की सबसे बड़ी चुनौती बन गया है। साइबर अपराध से बचने के लिए हर व्यक्ति को तकनीकी रूप से जागरूक होना चाहिए। प्रो. ढींगरा ने बताया कि कवच का तात्पर्य समय के अनुसार साइबर अपराध व साइबर सुरक्षा से संबंधित चुनौतियों का समाधान तकनीकी रूप से करने के लिए इनोवेशन करना है। यूआईईटी इन्कयूबेशन सेल के इंचार्ज डॉ. विशाल अहलावत ने बताया कि कवच-2023 में यूआईईटी संस्थान ने महिलाओं से संबंधित सुरक्षा के लिए एप्लीकेशन, ड्राइवर एडवांस डिजिटल टेक न्यूज, बुजुर्गों के लिए साइबर आपराधिक सुरक्षा, चैट मैसेंजर डिस्क्रिप्सन टूल से संबंधित विषय पर 20 टीमों ने रजिस्ट्रेशन करवाया। इस हैकाथॉन में शॉर्ट लिस्ट होने वाली 10 टीमों को शिक्षा मंत्रालय की वेबसाइट पर अपलोड किया जाएगा, जिसका जुलाई में ग्रेंड फिनाले होगा। इसमें बेहतर प्रदर्शन वाली 20 टीमों को 1 लाख रुपए का पुरस्कार दिया जाएगा। प्रतियोगिता के निर्णायक मंडल में प्रो. प्रदीप मित्तल, प्रो. राकेश कुमार, डॉ. निखिल मारीवाला, आर्जव, हिमानी, डॉ. संजीव आहुजा, डॉ. नरेश कुमार, डॉ. प्रियंका जांगड़ा, डॉ. संजय काजल, शिवानी, अतुल और हरिकेश पपोसा मौजूद रहे।

साईबर अपराध समय की सबसे बड़ी चुनौती हैः प्रो. सुनील ढींगरा केयू के यूआईईटी संस्थान में साइबर अपराध से बचने के लिए कवच-2023 कार्यक्रम का हुआ आयोजन

कुरुक्षेत्र (डी.आर.भटनागर/सत्यवीर ढुल) : कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र के यूआईईटी संस्थान में कवच 2023 का उद्घाटन डीन इंजीनियरिंग एंड टेक्नोलॉजी तथा यूआईईटी संस्थान के निदेशक प्रो. सुनील ढींगरा ने किया। इस मौके पर प्रो. ढींगरा ने बताया कि आज साइबर अपराध समय की सबसे बड़ी चुनौती बन गया है। साइबर अपराध से बचने के लिए हर व्यक्ति को तकनीकी रूप से जागरूक होना अति आवश्यक है ।इसी उद्देश्य को लेकर शिक्षा मंत्रालय भारत सरकार द्वारा जी-20 व आजादी के अमृत महोत्सव के तहत सभी गतिविधियों को बढ़ावा देने के लिए ऐसे कार्यक्रमों का क्रियान्वयन किया जा रहा है!प्रोफेसर ढींगरा ने बताया कि कवच का तात्पर्य समय के अनुसार साइबर अपराध व साइबर सुरक्षा से संबंधित चुनौतियों का समाधान तकनीकी रूप से करने के लिए इनोवेशन की आवश्यकता है। इनोवेशन देश के कारण संबंधित क्षेत्र में समस्याओं के समाधान के लिए पुलिस रिसर्च ओर डेवलपमेंट अखिल भारतीय तकनीकी शिक्षा परिषद व शिक्षा मंत्रालय भारत सरकार के माध्यम से करने का प्रयास कर रहे हैं! कवच–2023 द्वारा 21वी सदी में उत्पन्न सुरक्षा संबंधी समस्याओं का समाधान तकनीकी रूप से सक्षम होगा। यूआईईटी इन्क्यूबेशन सेल के इंचार्ज डॉ. विशाल अहलावत ने बताया कि कवच–2023 में यूआईईटी संस्थान से महिलाओं से संबंधित सुरक्षा के लिए एप्लीकेशन, ड्राइवर एडवांस डिजिटल टेक न्यूज, बुजुर्गों के लिए साइबर अपराधिक सुरक्षा, चौट मसेन्जर डिस्क्रिप्सन टूल से संबंधित विषय पर 20 टीमों ने रजिस्ट्रेशन करवाया। डॉ. अहलावत ने बताया कि इस हैकाथॉन शार्टलिस्टेड होने वाली 10 टीमों को शिक्षा मंत्रालय भारत सरकार की वेबसाइट पर अपलोड किया जाएगा जिसका जुलाई में ग्रैंड फिनाले होगा। इस फिनाले में बेहतर प्रदर्शन वाली 20 प्रत्येक टीमों को 1.00 लाख रुपये का पुरस्कार दिया जायेगा। इस अवसर पर निर्णायक मंडल में प्रो. प्रदीप मित्तल, प्रो. राकेश कुमार, डॉ. निखिल कुमार मारीवाला ने निभाई।मंच का संचालन आर्जव व हिमानी ने किया ! इस मौके पर डॉ. संजीव आहुजा, डॉ. नरेश कुमार, डॉ. प्रियंका जांगड़ा, डॉ. संजय काजल, सिवानी, अतुल, हरिकेश पपोसा आदि मौजूद रहे।

Photos of the Session:

Title of event: INNOVATE-A-THON
Date - May 10, 2023
Time - 9:00 am

On 10 May, 2023 Community Incubation centre, and Institution Innovation Council of UIET KUK in collaboration with Google Developers Student Clubs (GDSC) of UIET KUK organized a hacakathon named "INNOVATE-A-THON". INNOVATE-A-THON is a 9 hour long hacakthon in which our students try to solve the campus oriented problems and provide a finalized prototype. There were 2 categories viz. Open Innovation category which was limited to hardware projects only and second is Software category in which we had 3 campus oriented problems like Attendance tracking system, Automated Certificate management System and AI-Based Employment Estimation in Technical Education

In total 26 teams registered for hackathon out of which 14 teams were shortlisted based on the presentation submitted by them during registration, 10 from software category and 4 from hardware category.

The List of selected teams for the Software categories were:

Problem Statement	Team Name	Team Leader Name
ICG-001	Attendance Wizard	Aastha
ICG-001	Innovators	Tanuj Kumar

ICG-001	Binary Brains	Rashmi
ICG-001	Yudhisthir	Jitender
ICG-002	Caffeinated Fast Fingers	Kanishka
ICG-002	Friengineers	Naman
ICG-002	Syntax Analyzer	Ayush Sachan
ICG-002	Code Crafters	Yash Sharma
ICG-003	Runtime Terror	Disha Agarwal
ICG-003	Noob Coders	Harsh Tiwari

The List for Selected teams for hardware categories were:

Team Name	Team Leader Name
FileTrackers	Aman Kumar
Slytherin	Vaibhav Davesar
Aqua-Hawks	Rajeev Kumar
The Turbine Tribe	Parveen Kumar

The Hackathon was started at 9:00 am with a positive note in Community Incubation centre UIET KUK in which 9 teams out of 10 arrived for the hackathon and 4 teams for the Open innnovation.Open innovation exhibition was held in mechanical block and hackathon was held in CIC, UIET KUK. Each was given a cubicle named after entrepreneurs, philanthropists, academicians of India. The event started with a speech of our honourable Director, Dr. Sunil Dhingra in the Inaugration Ceremony which was held in Room no. 100 at 11:00 am.We had a special guest, Professor Nor Ashidi Bin Mat Isa, from Malaysia, with us during the inaugural. We had three rounds in software category, Round 1 was the student mentor round where our previous winners of hacaktahon gives suggestions to improve the existing infrastructure of their project so that when the judges arrive for ROUND 2 and ROUND 3 they could handle out basic bugs in their project.Our student mentors were Amit Kumar, Lovesh Aggarwal, Parminder Saharan, Ojas Khatri and Hrithik Khurana. Student mentors really spent a good time with each team and suggesting improvements that could simply improve their project. In Round 2 and Round 3 participants had to come up with innovative solutions to these problem statements, and the judging criteria were based on novelty/clarity, feasibility/practicality, and scalability/potential of the idea.
The jury members for Software Categories were;
1.) Dr. Jyoti Dhull, Assistant professor in Computer Science Engineering Deparatment, UIET KUK.
2.) Dr. Karambir, Assistant professor in Computer Science Engineering Deparatment, UIET

KUK.

3.) Dr. Nikhil Marriwala, Assistant professor in Electronics and Communication Engineering Deparatment, UIET KUK.

4.) Dr. Reeta Dahiya, Assitant Professor in Electronics and Communication Engineering Deparatment, UIET KUK.

The evaluation creteria for the Open innovation category is based Novelty, Working/Prototype and Scalability.

The jury members for Hardware Categories were;

1.) Dr. Sunil Nain, Assistant professor in Mechanical Engineering Deparatment, UIET KUK.

2.) Dr. Priyanka Jangra, Assistant professor in Electronics and Communication Engineering Deparatment, UIET KUK.

3.) Dr. Deepti Chaudhary, Assistant professor in Electronics and Communication Engineering Deparatment, UIET KUK.

The Minute to Minute for the event is:

Sr. no.	Activities	Time
1.	Reporting time for students	8:30 am
2.	Round 1 (Student Mentorship Round)	9:00 am - 10:00 am
3.	Inauguration ceremony (Room:100, UIET)	11:00 am - 12 noon
4.	Round 2 (Judges)	12 noon - 01:00 pm
5.	Lunch break	01:00 pm - 02:00 pm
6.	Final Round (Judges)	4:00 pm - 5:00 pm

The organizers of the event were Dr. Vishal Ahlawat, President of IIC, CIC, Dr. Rahul Gupta, President of GDSC, Dr Sonia Saini and Dr. Shivani Chauhan. They ensured that the event ran smoothly and that the participants had everything they needed.

After the evaluation of judges in all the rounds, result was declared in the next day at the felicitation ceremony which was held in Mechanical Bloack at Mechanical deparatement at 11:00 am by our honourable director Dr. Sunil Dhingra.

The winning teams in Software category were:

Problem Statement	Winning Team
ICG 001	Attendance Wizard
	Yudhishtir
ICG 002	Friengineers

ICG 003	Noob Coders

The winning teams in Hardware category were:

Problem Statement	Winning Team
1st	Turbine tribes
2nd	File trackers

During the felicitation ceremony, certificates were distributed to the previous E-Cell team, Kavach winners, and Innovate-a-thon winners. The event was organized successfully, and the students participated with great enthusiasm.

Images:
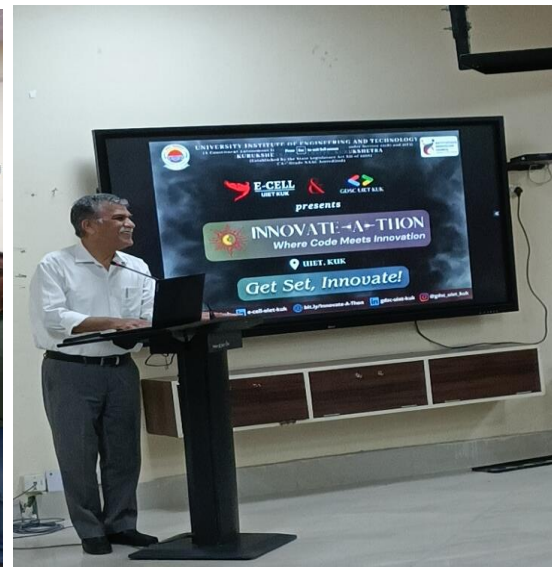
Media Coverage:

तकनीकी विषयों पर आयोजित प्रतियोगिताएं नवाचार और उद्यमिता बढ़ाती हैं : प्रो ढींगरा

कुवि के यूआईईटी में विश्व तकनीकी दिवस पर एक दिवसीय हैकथॉन प्रतियोगिता आयोजित

जागरण संवाददाता, कुरुक्षेत्र : कुरुक्षेत्र विश्वविद्यालय के इंजीनियरिंग एंड टेक्नोलॉजी के डीन व निदेशक यूआईईटी संस्थान प्रोफेसर सुनील ढींगरा ने कहा कि कुवि कुलपति प्रो. सोमनाथ सचदेवा के मार्गदर्शन में यूआईईटी संस्थान में कृवि कुलपति प्रोफेसर सोमनाथ सचदेवा के मार्गदर्शन में विश्व तकनीकी दिवस के अवसर पर संस्थान के ई-सेल द्वारा सामुदायिक ऊष्मायन केंद्र में आयोजित एक दिवसीय हैकथॉन प्रतियोगिता के उद्घाटन करने के बाद विद्यार्थियों

टेस्ला टरबाइन से होगी बिजली पैदा

कुवि के यूआईईटी में आयोजित हैकथॉन प्रतियोगिता में नवाचार की अवधारणा को अपनाते हुए विद्यार्थियों ने टेस्ला टरबाइन से बिजली पैदा करने का मॉडल प्रस्तुत किया जोकि तेज बहाव के पानी के सिद्धांत पर काम करता है। इसके अतिरिक्त विद्यार्थियों ने हार्डवेयर से संबंधित आटोमेटिक स्वच्छता मशीन उपकरण, कार्यालय में फाइल की लोकेशन का पता करना, तालाब के पानी को साफ करने सहित हाइड्रोलिक मशीन का प्रयोग प्रदर्शित किया।

को संबोधित कर रहे थे। हैकथॉन प्रतियोगिता में संस्थान के विद्यार्थियों की ऑनलाइन उपस्थिति, प्रबंधन सिस्टम व नकली सर्टिफिकेट रोकने के लिए वेबसाइट पर सूचना तंत्र को मजबूती से दर्शाते हुए विद्यार्थियों ने अपने सॉफ्टवेयर सहित इनोवेटिव आइडिया प्रस्तुत किए। इस अवसर पर साइबर पर प्रतियोगिता के लिए प्रतिभागियों को सर्टिफिकेट भी दिए गए। हैकथॉन प्रतियोगिता

संस्थान के ई-सेल के इंचार्ज डॉ. विशाल अहलावत और जीडीएससी के इंचार्ज डॉ. राहुल गुप्ता के नेतृत्व में इनोवेटिव आइडिया पर आयोजित हुई। कार्यक्रम की संयोजिका शिवानी चौहान व सोनिया सैनी ने बताया कि विद्यार्थी ने प्रतियोगिता के लिए लगातार 13 घंटे से ज्यादा कार्य नवाचार विचार को लेकर प्रस्तुत किया। सॉफ्टवेयर प्रतियोगिता के निर्णायक भूमिका में डॉ. निखिल

कुमार मारीवाला, डॉ. रीटा दहिया, डॉ. कर्मबीर, ज्योति टामक और हार्डवेयर प्रतियोगिता में डॉ. प्रियंका जांगड़ा, डॉ. सुनील जैन, डॉ. दीप्ति चौधरी शामिल रहे।

इस अवसर पर अधीक्षक सत्यनारायण, छात्र संयोजक हिमानी, रोहन सैनी, आयुष राज, सौरव, हिमांशु, गर्वित, आर्या, उमाक्षी, अरजव, लिवेश, गजेंद्र, कनिष्क सहित हरिकेश पपोसा मौजूद रहे।

तकनीकी स्पर्धाएं नवाचार को देती हैं बढ़ावा : प्रो. ढींगरा

कुरुक्षेत्र। केयू के यूआईईटी संस्थान में विश्व तकनीकी दिवस के अवसर पर संस्थान के ई-सेल की ओर से सामुदायिक ऊष्मायन केंद्र में एक दिवसीय हैकाथॉन प्रतियोगिता का आयोजन किया गया। इस प्रतियोगिता का उद्घाटन निदेशक यूआईईटी संस्थान प्रो. सुनील ढींगरा ने कहा कि तकनीकी विषयों पर आयोजित होने वाली प्रतियोगिताएं नवाचार एवं उद्यमिता को बढ़ावा देती है। हैकाथॉन प्रतियोगिता में शैक्षणिक संस्थान के विद्यार्थियों की ऑनलाइन उपस्थिति, प्रबंधन सिस्टम व नकली सर्टिफिकेट रोकने के लिए वेबसाइट पर सूचना तंत्र को मजबूती से दर्शाते हुए विद्यार्थियों ने अपने सॉफ्टवेयर सहित इनोवेटिव आइडिया प्रस्तुत किए। संवाद

तकनीकी प्रतियोगिताएं नवाचार एवं उद्यमिता को देती हैं बढ़ावा : प्रो ढींगरा

केयू के यूआईईटी में विश्व तकनीकी दिवस पर एक दिवसीय हैक्काथान प्रतियोगिता आयोजित

कुरुक्षेत्र (डी.आर.भटनागर) कुरुक्षेत्र विश्वविद्यालय के यूआईईटी संस्थान में कुवि कुलपति प्रोफेसर सोमनाथ सचदेवा के मार्गदर्शन में विश्व तकनीकी दिवस के अवसर पर संस्थान के ई-सेल द्वारा सामुदायिक ऊष्मायन केंद्र में एक दिवसीय हैकथॉन प्रतियोगिता आयोजित की गई। इस प्रतियोगिता का उद्घाटन करते हुए केयू के डीन इंजीनियरिंग एंड टेक्नोलॉजी व निदेशक यूआईईटी संस्थान प्रोफेसर सुनील ढींगरा ने कहा कि कुवि कुलपति प्रो. सोमनाथ सचदेवा के मार्गदर्शन में यूआईईटी का इंक्यूबेशन सेंटर आत्मनिर्भर भारत की उन्नति में मील का पत्थर साबित हो रहा है। उन्होंने कहा कि तकनीकी विषयों पर आयोजित होने वाली प्रतियोगिताएं नवाचार एवं उद्यमिता को बढ़ावा देती है। उन्होंने बताया कि पहले भी संस्थान के विद्यार्थियों ने इस तकनीकी क्षेत्र में अंतरराष्ट्रीय स्तर पर इस प्रतियोगिता में अपना लोहा मनवाया था। हैक्काथान

प्रतियोगिता में शैक्षणिक संस्थान के विद्यार्थियों की ऑनलाइन उपस्थिति, प्रबंधन सिस्टम व नकली सर्टिफिकेट रोकने के लिए वेबसाइट पर सूचना तंत्र को मजबूती से दर्शाते हुए विद्यार्थियों ने अपने सॉफ्टवेयर सहित इनोवेटिव आइडिया प्रस्तुत किए। इस

टेस्ला टरबाइन से होगी बिजली पैदा

केयू के यूआईईटी में आयोजित हैकाथॉन प्रतियोगिता में नवाचार की अवधारणा को अपनाते हुए विद्यार्थियों ने टेस्ला टरबाइन से बिजली पैदा करने का मॉडल प्रस्तुत किया जोकि तेज बहाव के पानी के सिद्धांत पर कार्य करता है। इसके अतिरिक्त विद्यार्थियों ने हार्डवेयर से संबंधित ऑटोमेटिक स्वच्छता मशीन उपकरण, कार्यालय में फाइल की लोकेशन का पता करना, तालाब के पानी को साफ करने सहित हाइड्रोलिक मशीन का प्रयोग प्रदर्शित किया।

अवसर पर प्रतियोगिता में प्रतिभागिता के लिए प्रतिभागियों को सर्टिफिकेट भी दिए गए। हैकाथॉन प्रतियोगिता संस्थान के ई-सेल के इंचार्ज डॉ. विशाल अहलावत और जीडीएससी के इंचार्ज डॉ. राहुल गुप्ता के नेतृत्व में इनोवेटिव आइडिया पर आयोजित हुई। कार्यक्रम की संयोजिका शिवानी चौहान व सोनिया सैनी ने बताया कि विद्यार्थी ने प्रतियोगिता के लिए लगातार 13 घंटे से ज्यादा कार्य नवाचार विचार को लेकर प्रस्तुत किया। सॉफ्टवेयर प्रतियोगिता के निर्णायक भूमिका में डॉ. निखिल कुमार मारीवाला, डॉ. रीटा दहिया, डॉ. कर्मबीर, ज्योति टामक और हार्डवेयर प्रतियोगिता में डॉ. प्रियंका जांगड़ा, डॉ. सुनील नैन, डॉ. दीप्ती चौधरी शामिल रहे। इस अवसर पर अधीक्षक सत्यनारायण, छात्र संयोजक हिमानी, रोहन सैनी, आयुष राज, सौरव, हिमांशु, गर्वित, आर्या, उमाक्षी, अरजव, लिवेश, गजेंद्र, कनिष्क सहित हरिकेश पपोसा मौजूद रहे।

Title of event:AAWAHAN'2K23
19 May 2023-20 May 2023
Venue - UIET

AAWAHAN'23 was a 2-day event organized UIET, Kurukshetra that include CSE, ECE, Mechanical and BioTechnology department. All the departments' various events culminated in Aawahan'23. The events for day 1 included the following:

INNOVATIA'23 by ECE department.
Quicker Quiz - Testing Swift Wits
The Quick Quiz segment engaged participants in a spirited buzzer-based contest, where teams showcased their knowledge and agility. Teams battled it out, swiftly and accurately answering questions to claim victory.
Code the Circuit - Precision in Programming
In "Code the Circuit," participants confronted a circuit laden with errors. Competitors diligently corrected the flawed code to ensure the circuit's functionality. The participant whose circuit operated flawlessly or exhibited the most precise outcomes emerged as the triumphant coder.
Circuit Hunter - Unraveling the Electric Enigma
"Circuit Hunter" tasked teams of three with deciphering tasks from a bowl. Each squad meticulously selected the correct components, racing against time to assemble a functional circuit. Precision and speed were paramount in this electrifying challenge.

DAKSHATA'23 by MECHANICAL Department
The Mechanical Department orchestrated a symphony of intellectual engagement and hands-on excitement through a series of captivating events that drew enthusiastic participation from all corners. Under the banner of the "DAKSHATA'23," students showcased their prowess and innovative spirit across a spectrum of challenges.
Project Exhibition - Showcasing Innovations
The Project Exhibition segment provided a platform for budding engineers to exhibit their inventive creations. From cutting-edge prototypes to practical solutions, the exhibition hall radiated with the fervor of innovation. Students unveiled their meticulously crafted projects, resonating with creativity and determination.
Robo Wars - Clash of the Machines
In the arena of "Robo Wars," the battleground came alive with the clash of mechanized titans. Students demonstrated their engineering finesse by crafting formidable robots, which battled head-to-head in a thrilling showdown of tactics and mechanics. The event epitomized the blend of technology, strategy, and adrenaline that captivated participants and onlookers alike.

TAKNEEK'23 by CSE Department
The Computer Science Engineering Department orchestrated a tech extravaganza that brought out the coding rockstars and problem-solving wizards in full force. Aptly named "TAKNEEK" this series of events saw students dive headfirst into a world of innovation, competition, and fun!
Programmer's Date - Crack the Code with a Dash of Chemistry!
"Programmer's Date" kicked off the fest with a twist, fusing coding challenges with a sprinkle of chemistry. Students paired up with each other to find solutions to coding mysteries, blending logic and creativity. The event ignited brains, leaving participants enthralled and enlightened.
Code Wars
In the high-octane arena of "Code Wars," students squared off in an epic coding battle.

Armed with keyboards as their swords, they navigated through programming puzzles and algorithmic quests. The coding coliseum echoed with the clatter of keys and the thrill of triumph.

Break the Query - Unraveling SQL Secrets!

"Break the Query" turned databases into playgrounds as students dived into SQL mysteries. Armed with queries and determination, participants untangled data enigmas. The event was a blend of logic, problem-solving, and a dash of Sherlockian flair.

BIOCHROMO'23 by BIOTECH Department

BioHunt - Unveiling Nature's Secrets in a Treasure Hunt!

"BioHunt" transformed learning into a treasure hunt adventure. Teams embarked on a quest to uncover biological mysteries hidden around the campus. This interactive challenge blended exploration with education, fostering teamwork and discovery.

Quiz - Quick Thinking, Nature Know-How!

The "Quiz" segment put participants' biological knowledge to the test. Quick thinking was key as teams raced to answer questions spanning the spectrum of life sciences. The competitive atmosphere was charged with enthusiasm and curiosity.

Poster Presentation - Artistic Expression of Biological Wonders!

"Poster Presentation" celebrated the blend of art and science. Students crafted visual masterpieces, illustrating complex biological concepts through creative design. The event transformed scientific information into captivating visual narratives.

For Day 2 of the events there were varios fun competitions listed as follows that allowed a day of unwinding and having fun for the students in a creative way:

INNOVATIA'23 by ECE department.

Think-Tank - Innovate and Inspire

"Think-Tank" ignited the intellectual fervor among teams as they grappled with complex problem statements. Each team brainstormed to devise optimal and efficient solution prototypes, vying to be crowned the ultimate problem-solving powerhouse.

Pradarshan - Showcasing Ingenuity

"Pradarshan" provided students with a platform to exhibit their creative potential through innovative projects. The event resonated with inventive displays, celebrating students' prowess and resourcefulness.

Soldering Showdown - Fusion of Skill and Precision

"Soldering" illuminated the arena with a showcase of students' soldering dexterity in a competitive arena. This challenge not only tested their skills but also underscored the synergy between mind and body coordination, underlining the essence of precision and focus.

DAKSHATA'23 by MECHANICAL Department

SolidWorks Design - Sculpting Concepts Virtually

"SolidWorks Design" channeled participants' creative energies into the realm of digital innovation. Armed with virtual tools, students crafted intricate designs, translating their ideas into intricate 3D models. The event spotlighted the marriage of imagination and technical acumen, culminating in stunning visualizations.

Brainstorm MCQ - Navigating the Depths of Knowledge

The "Brainstorm MCQ" quiz was a mental showdown that tested students' comprehension and agility. Enthusiastic participants delved into a pool of challenging multiple-choice questions, embracing the spirit of curiosity and competition. Quick thinking and accurate knowledge were the keys to success in this exhilarating intellectual race.

Crossword Challenge - Where Learning Meets Play
The "Crossword Challenge" seamlessly merged education with recreation, inviting participants to unravel engineering-themed puzzles. Clues and solutions converged in a crossword tapestry that encouraged analytical thinking and the exploration of technical jargon. Students eagerly connected the dots of knowledge to conquer this linguistic labyrinth.

TAKNEEK'23 by CSE Department
Blind Coding - Trust Your Instincts and Code On!
"Blind Coding" threw a curveball by challenging participants to code without visual aid. Blindfolded but not bewildered, students relied on their instincts and command over programming languages. The event showcased true coding prowess and adaptability.
Buzzing-the-Buzzer - A quiz
In "Buzzing-the-Buzzer," minds raced as fingers flew. Participants faced rapid-fire tech questions, triggering buzzers and adrenaline alike. The event was a testament to quick thinking and on-the-spot knowledge, creating a buzz of excitement.
</Developer> Minds - Crafting Digital Dreams!
"</Developer> Minds" was a celebration of creative coding. Students brought their digital dreams to life, showcasing apps, websites, and software solutions. The event merged imagination with coding skill, revealing the next generation of tech innovators.

BIOCHROMo'23 by Biotech Department.
Bio Reel - Nature's Beauty on Instagram!
"Bio Reel" transported nature's wonders to Instagram, captivating participants and viewers alike. Through creative visuals and storytelling, students breathed life into the biological world, sharing its beauty with the click of a button.
Expert Lecture - Bridging Labs and Classrooms!
"Expert Lecture" bridged the gap between labs and classrooms, bringing real-world insights to eager learners. Esteemed speakers enriched students with practical knowledge, making the connection between theory and application crystal clear.
Turncoat Declamation - Switching Perspectives, Voicing Insights!
"Turncoat Declamation" encouraged participants to swap viewpoints, embracing the art of persuasive speech. Students eloquently voiced arguments they might not necessarily agree with, promoting open-mindedness and effective communication.

The fun events were termed as Byte Bash in the spirit of technology:
Byte Bash: Unleashing Fun and Adventure!

The stage was set, and the excitement was palpable as the annual "Byte Bash" event unfolded, promising a thrilling array of activities that ignited laughter, creativity, and competitiveness.
Treasure Pleasure: Unleash the Adventurer Within!
For the curious souls and adventure enthusiasts, "Treasure Pleasure" provided a virtual maze that challenged participants to explore, hack, and decipher clues. Teams of four embarked on a quest to uncover hidden secrets within the UIET premises, adding a touch of mystery and excitement to the event.
Fun Photo: Crafting Laughter Through Creativity!
"Fun Photo" unleashed students' creative prowess as they transformed pictures of famous personalities into hilarious masterpieces. Armed with tools like Paint, Picasa, or Photoshop, participants edited and manipulated images to generate uproarious and imaginative results.

Surprise, Surprise! Unveiling the Unexpected!
As the name suggests, "Surprise!!!" was a tantalizing enigma that kept participants guessing. With an air of mystery and anticipation, this event added an element of unpredictability and excitement to the festivities.

COD/BGMI Tournament: Gamers Assemble!
For gaming aficionados, the "COD/BGMI Tournament" was a battleground where players clashed in epic virtual duels. The gaming arena buzzed with intense competition, showcasing strategic moves and lightning-fast reflexes.

Just-a-Minute-Talk: Speak Your Mind in 60 Seconds!
In "Just-a-Minute-Talk," participants embraced the challenge of expressing their thoughts on a given topic within a tight 60-second window. The event spotlighted quick thinking, eloquence, and the ability to convey ideas concisely.

AAWAHAN turned out to be an amazing opportunity for the students to showcase all of their skills and creativity in the spirit of competition and fun.

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Title of event: Entrepreneurship Day
Date: 21 August 2023

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Entrepreneurship day was celebrated on 21.08.2023 in RK Sadan of Kurukshetra University in which Vice Chancellor, Prof. Som Nath Sachdeva was the chief guest. On this occasion, local entrepreneurs and startup founders were invited to address the students about their entrepreneurial journey. Sh. Gurbax Singh, Saga Music, Mr. Vibhor Sharma, Deputy Director, PNB SETI, Mr. Mukul Pant, OOHR innovations Pvt. Ltd. Startup at CIC, UIET, KUK , Live Smart Automation startup founder from KUTIC were invited as speakers. In the last, Vice-Chancellor addressed the students and encouraged the students to become self-reliant. Sh. Ankeshwar, Controller of Exam conveyed the vote of thanks.

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