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DEPARTMENT OF COMPUTER APPLICATIONS
Chitkara University Institute of Engineering & Technology
Chitkara University, Punjab

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Newsletter September, 2023

This newsletter has been edited and published by the Department of Computer Applications, Chitkara University, Punjab, India

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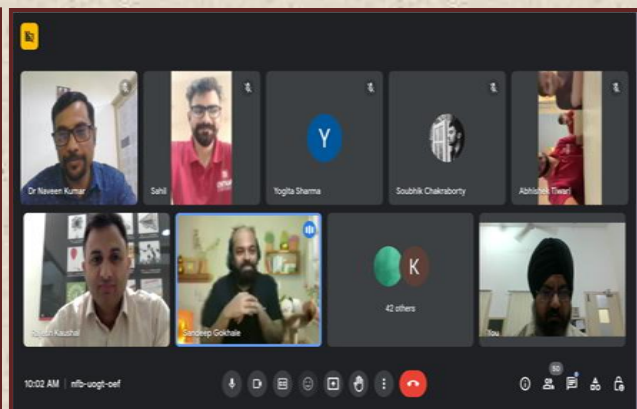
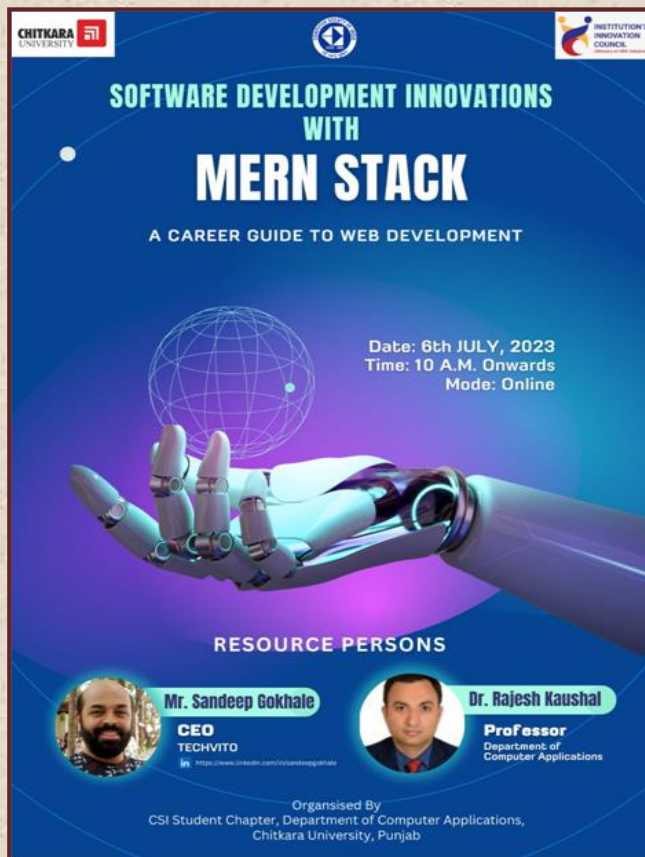
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SOFTWARE DEVELOPMENT INNOVATIONS WITH MERN STACK JULY 7, 2023

An expert talk on "Software Development Innovations with MERN Stack" was organized by the CSI Student Chapter under the direction of the Department of Computer Applications. The resource speakers for the expert discussion were Mr. Sandeep Gokhale (CEO, TECHVITO), and Dr. Rajesh Kaushal (Professor, Department of Computer Applications, Chitkara University, Punjab). On the fundamentals of HTML, Java Script, CSS, and MERN, Mr. Gokhale concentrated. He described how the MERN stack framework aids in the development of cutting-edge web apps. Node is an event-driven platform that offers real-time application solutions for data-intensive applications. React may also build any component, including login pages and any other functions like dividing user interfaces into separate parts. We can create reusable components with React as well. Mr. Gokhale spoke about collections, aggregations, and CURD. MongoDB modelling. Dr. Rajesh discussed using MERN to translate creative ideas into representations. Students asked many questions and had their doubts regarding MERN answered throughout the interactive session.



SOFTWARE DEVELOPMENT PROCESS INNOVATIONS USING AGILE MANIFESTO JULY 26, 2023

A professional seminar on "Software Development Process Innovations Using Agile Manifesto" was organized by the CSI Student Chapter under the supervision of the Department of Computer Applications. Dr. Jaswinder Singh (Associate Professor, Department of Computer Applications, Chitkara University, Punjab) was the resource person of the expert talk. The agile manifesto and its development process were described by the resource person. He discussed numerous approaches that can be used to the agile manifesto for software development. He emphasized to the students the importance of being creative when developing software and selecting the appropriate agile process. The most important issue is selecting the appropriate agile approach, which depends on a number of factors such the planned application scope, resources available, etc. He explained that a company committed to innovation-driven growth may adopt the agile innovation methodology across all departments. The adoption of innovative Agile techniques and methods was taught to students as a means of achieving successful software development and sustained business growth.

Software Development Process Innovations Using AGILE Manifesto

Resource Person
DR. JASWINDER SINGH
Associate Professor
Department of Computer Applications
Chitkara University, Punjab

Date: 26 July 2023
Time: 11:30 AM Onwards
Mode: Online

Organised By -
CSI Student Chapter
Department of Computer Applications
Chitkara University, Punjab

Logos for Chitkara University, Institutions' Innovation Council, and another organization.

Agile Methodology for software Development Innovations

AGILE METHODOLOGY USED

Methodology	Percentage
Scrum	52%
Scrum Hybrid	14%
Custom Hybrid	9%
Waterfall	8%
Scrumban	3%
Product-Driven Development	2%
Custom Implementation	2%
Lean	2%
Other	1%
Agile Manifesto Process (Agile)	1%
Agile Modeling	1%
Dynamic Systems Development Method	1%

Innovations using Scrum

The diagram illustrates the Scrum process flow: Planning a project backlog, Product Owner, Scrum Meeting (Stand-up 15 minutes), Daily Scrum Meeting (Stand-up 15 minutes), Analyze Design Build, 7 to 10 days (1 to 4 weeks) Sprint, Testing acceptance criteria, Deployment / Deployment / Deployment, and "Shippable" product features (they're product increments).

EXPERT TALK ON INNOVATIVE PRACTICES USING DESIGN THINKING AUGUST 7, 2023

The Department of Computer Applications at Chitkara University in Punjab organized an expert talk on “Innovative Practises using Design Thinking” in collaboration with the Institution's Innovation Council (IIC) and CSI student branch. This class was created to give students a general overview of design thinking and innovation, which are important because of their integrated approach that ties together business, reason, society, and emotion. Additionally, design thinking prioritizes the customer above the product, design over engineering and user experience over the market. Mr. Arisht Jain, Product Manager, Zenduit Mississauga, Canada, spoke throughout the workshop. The lesson helped the students comprehend the idea of design thinking and how it may be used to enhance products that focus on providing solutions to customers' problems. It assisted students in realizing that design thinking and creativity apply to both existing and novel solutions to issues as well as previously unidentified ones.

CHITKARA UNIVERSITY

G20 INDIA 2023

INSTITUTION'S INNOVATION COUNCIL

Expert Talk on Innovative Practices using Design Thinking

Resource Person
Arisht Jain
Product Manager
Zenduit Mississauga
Canada

Date : 7th August, 2023
Time : 11:00 AM onwards
Venue : De Morgan Block, LH-7

Event coordinators
Dr. Deepika Chaudhary, Dr. Nishu Bali

Organised by
Department of Computer Applications
Chitkara University, Punjab

CHITKARA UNIVERSITY

G20 INDIA 2023

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Dr. Deepika Chaudhary, Dr. Nishu Bali

Organised by
Department of Computer Applications
Chitkara University, Punjab



TWO-DAY WORKSHOP ON SECURING INNOVATIONS USING INTELLECTUAL PROPERTY RIGHTS AUGUST 10-11, 2023

The Department of Computer Applications at Chitkara University in Punjab, along with the CSI Student Chapter, organized a two-day workshop on “Protecting Innovations through Intellectual Property Rights”. The resource persons were Dr. Jaswinder Singh (Associate professor, Department of Computer Applications, Chitkara University, Punjab) and Dr. Deepika Chaudhary (Professor, Department of Computer Applications, Chitkara University, Punjab). Dr. Deepika provided instruction on how to foster design thinking and generate original ideas. She emphasized the necessity for concepts that should be advantageous to society and people. The speaker discussed many forms of intellectual property rights. He also spoke about how to submit an IPR. In the session, students also wrote down a few original ideas. Students gained knowledge of intellectual property and innovations security through this programme. Students acquired skills in critical thinking application and designing for the drafting of patents and the application procedure.



CHITKARA UNIVERSITY  

TWO DAYS WORKSHOP ON SECURING INNOVATIONS USING INTELLECTUAL PROPERTY RIGHTS

Resource Persons:

- Dr. Deepika Chaudhary**
Professor
Department of Computer Applications
- Dr. Jaswinder Singh**
Associate Professor
Department of Applications
Chitkara University, Punjab

Date : 10th - 11th August 2023.
Time : 09:30 AM Onwards
Venue : TG020A, DeMorgan Block
Mode : Offline

Organised by:
CSI Student Chapter
Department of Applications,
Chitkara University, Punjab



EXPERT TALK ON DESIGN AND CRITICAL THINKING FOR MACHINE LEARNING BASED PROJECTS JULY 7, 2023

An expert session on "Design and Critical thinking for Machine Learning Based Projects" was organised by the CSI Student Chapter of the Department of Computer Applications at Chitkara University, Punjab. Dr. Deepika Chaudhary (Professor), Dr. Jaswinder Singh (Associate Professor), and Dr. Vandana (Associate Professor) from the Department of Computer Applications served as the resource speakers of the talk. Students became more aware of how to develop answers for complex and simple situations thanks to expert discussion. Design and critical thinking are essential to the success of projects based on machine learning (ML). Students gained skills in project planning, reliability, and success using machine learning. Dr. Deepika discussed the value of critical and design thinking as well as ways that students might develop these abilities. Dr. Jaswinder Singh went over a number of case studies with the students, asking them to identify any hidden issues and develop solutions. Dr. Vandana answered students' questions about projects based on machine learning.

EXPERT TALK ON DESIGN & CRITICAL THINKING FOR MACHINE LEARNING BASED PROJECTS

DATE : 19th Aug 2023
TIMINGS : 10:00 AM Onwards

MODE - ONLINE

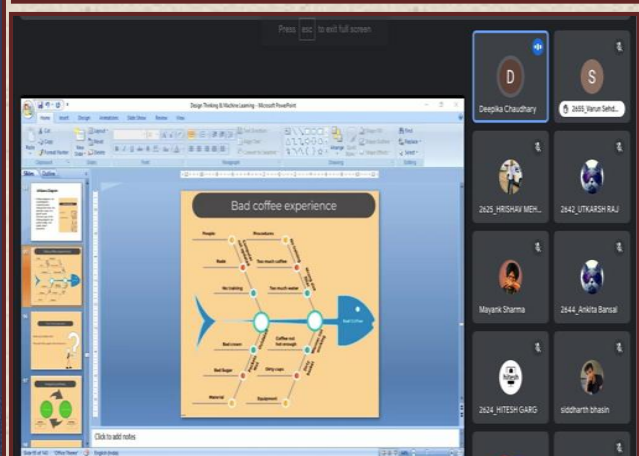
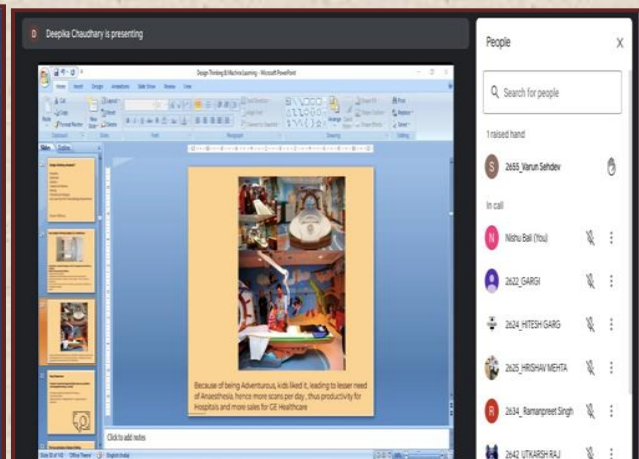
ORGANISED BY:
CSI STUDENT CHAPTER
DEPARTMENT OF COMPUTER APPLICATIONS
CHITKARA UNIVERSITY,
PUNJAB

RESOURCE PERSON
Dr. Deepika Chaudhary, Professor
Dr. Jaswinder Singh, Associate Professor
Dr. Vandana, Associate Professor

DEPARTMENT OF COMPUTER APPLICATIONS
CHITKARA UNIVERSITY, PUNJAB

STUDENT COORDINATOR
SARITA SHARMA (8168781556)

Logos of Institutions Innovation Council, Chitkara University, and CSI are present at the top.



NURTURING ENTRY LEVEL STARTUP: FROM IDEA TO ENTERPRISE

SEPTEMBER 21, 2023

CSI Student Chapter under the aegis Department of Computer Applications organized an expert talk on “Nurturing Entry Level Startup: From Idea to Enterprise”. In his insightful talk, the seasoned entrepreneur and expert Anmol Jamwal delved into the critical stages and strategies required for transforming innovative ideas into thriving enterprises. Resource person discussed how effective marketing strategies help in acquiring customers and gaining traction in the market. Adapting to challenges, continuous learning, and fostering a supportive startup community are vital for sustained growth and success. Through this expert talk, the resource person places a strong focus on several key factors that are important for aspiring entrepreneurs to be able to succeed in a highly competitive startup environment. Throughout his presentation, Anmol Jamwal's expertise shone as he provided a comprehensive roadmap for aspiring entrepreneurs, making this talk an invaluable resource for anyone looking to embark on the exhilarating journey from concept to successful startup.



CHITKARA UNIVERSITY

INSTITUTION'S INNOVATION COUNCIL
(Faculty of IIRI Initiative)

Expert Talk On
Nurturing Entry Level Startup: From Idea to Enterprise

Resource Person:
Mr. Anmol Jamwal
CEO, Feoster
Angel Investor, Soonicorn Ventures

Mode: Offline
Date: 21 September 2K23
12:15 PM Onwards
Venue: Exploratorium

Organized by
Department of Computer Applications, Chitkara University, Punjab



3-DAY WORKSHOP ON WEBDEV INNOVATE: BRIDGING DESIGN THINKING AND ENTREPRENEURSHIP JULY 18-20, 2023

The Department of Computer Applications organized a three-day online workshop on “WebDev Innovate: Bridging Design Thinking and Entrepreneurship” from July 18–20, 2023, in association with the Institution's Innovation Council (IIC, Chitkara University, Punjab) and Towais Pvt. Ltd. This course covered vital subjects like HTML, CSS, JavaScript, PHP, and Laravel in order to give students in-depth knowledge and practical skills in web development. These classes will accommodate all skill levels and help you advance your web development abilities whether you are a novice or have some past expertise. The main speaker for this programme was Divyansh Chauhan, the acclaimed CEO of Towais and a seasoned expert in the field of web development. Participants received a certificate of completion for successfully completing the session, recognizing their dedication and achievements.

CHITKARA UNIVERSITY **G20** **TOWAIS**

3-Day Workshop on WebDev Innovate: Bridging Design Thinking and Entrepreneurship

Resource Person
Divyansh Chauhan
CEO, TOWAIS Pvt. Ltd.

Date : 18th - 20th July, 2023
Mode : Online

Faculty Coordinator: Dr. Vandana
Associate Professor, Chitkara University, Punjab

Workshop Schedule
Day 1 : Functionality of Website, Live Servers
Day 2 : Responsive Web Design and Deployment
Day 3 : Frameworks, Libraries and Web security

Organised by
Department of Computer Applications
in collaboration with IIC
Chitkara University Punjab & TOWAIS pvt. Ltd.

The top screenshot shows a Google Meet interface with a presentation slide titled "The Story Behind Our Ocho House". The slide content includes the text: "As the pandemic rages, the challenge rightly lies before us: how to ensure that we have a high quality of work, whilst still maintaining our social and environmental responsibilities." The bottom screenshot shows the same Google Meet interface, but with a different presentation slide visible.

LIFE SKILLS TO BECOME A BETTER PROFESSIONAL AUGUST 19, 2023

The new Batch of 2023 was warmly welcomed by the Department of Computer Applications. The International Office, Research and Development, IT department, Administrative and Student Affairs, and other notable leaders of several departments at Chitkara University presented and lectured to the students. Our Honourable Chancellor Dr. Ashok Chitkara and our Honourable Pro-Chancellor Dr. Madhu Chitkara began the Life Skills Programme to become better professionals with a motivational address through an online digital medium. The curriculum programme was presented to the fresh new batch by Dr. Jaiteg Singh (Professor and Dean, Department of Computer Applications). During interactions with the students during departmental orientation, numerous departmental characteristics, regulations, vision, mission, laurels, faculty profiles, past placement records, and activities were highlighted. High-profile figures from a variety of fields, such as Prof. Cavita Taragi, Pro Vice Chancellor, CAS, and Lt. Col. Rakesh Sharma, Director, University Affairs, inspired the students about the value of maintaining discipline, commitment, and honesty throughout their degree programme.



EXPERT TALK ON INNOVATING THE FUTURE: EXPLORING DESIGN THINKING AND CAREER PATHWAYS AUGUST 25, 2023

On August 25, 2023, the Department of Computer Applications organized an expert session on "Innovating the Future: Exploring Design Thinking and Career Pathways in ServiceNow and SAP" in association with the Institution's Innovation Council (IIC). Our experts are also proud alumni of the Department of Computer Applications. Rajat Sabharwal (QA analyst at Advance IT Pvt. Ltd.) and Mr. Shivam Sachdeva (an associate SAP application developer) spoke with the students in Batch 2023 to discuss the corporate world and what the future will require in the relevance of SAP learning and how they can utilize it to build their skills, as well as numerous channels from which they may obtain information for off-campus or on-campus recruitment, such as LinkedIn recommendations and employee referrals. Additionally, they discussed the tester field's scope and the tester career path. Overall, it was a great learning experience for the students.

CHITKARA UNIVERSITY

G20
INDIA 2023

Expert Talk on
**Innovating the Future:
Exploring Design Thinking
and Career Pathways in
ServiceNow and SAP**

Resource Persons

Shivam Sachdeva
Application Developer Associate
(in SAP) Accenture

Rajat Sabharwal
QA Analyst | Adv. IT Pvt. Ltd.
Advance Solutions

Faculty Coordinator
Dr. Vandana
Associate Professor
Chitkara University, Punjab

Date : 25th August, 2023
Mode: Offline

Organised by
Department of Computer Applications
in collaboration with IIC
Chitkara University, Punjab

INSTITUTION'S INNOVATION COUNCIL



TEACHERS DAY CELEBRATIONS SEPTEMBER 5, 2023

The Matrix Club at Chitkara University's Computer Application Department came alive with pleasure and enthusiasm on the beautiful morning of September 5th, 2023 as students gathered to commemorate a day that holds a special place in every heart—Teachers' Day on September 5th, 2023. This day was set aside to honor the educators who have helped shape the academic careers of the students. The celebration got off to a creative start as students put their emotions into making lovely handmade cards for their cherished lecturers. Each card was a work of art that perfectly captured the kids' thanks and respect for their instructors. Bright roses were thoughtfully chosen to go with these sincere messages as a sign of respect and admiration for the faculty's expertise and wisdom. The Matrix Club made the decision to embrace the power of visual storytelling in this technological age. Together, students made touching video tributes for their lecturers. These movies were a lovely compilation of memories that showed how their professors had influenced their lives. Incorporating shared experiences, friendship, and laughter allowed these videos to be successful.



TECHNOPHILIA SEPTEMBER 19, 2023

Under the auspices of Matrix Club, the Department of Computer Applications organized an event called Technophilia-2023 specifically for freshmen to recognize the creativity found in young brains. It was a thrilling technological spectacular that took place on September 19, 2023, at Pulitzer Hall's famed Picasso Block. 185 people attended the event, all of them were eager to demonstrate their technical mastery and creative flair in a variety of events like the Power Point Presentation, the Poster Making Competition, the Logo Fusion Competition, and the Typing Competition. With its enormous number of participants, Technophilia-2023 was a spectacular success, celebrating the spirit of technology and creativity. Their abilities were displayed during the occasion, which also offered a venue for networking and sharing knowledge. Thank you to everyone who entered and participated in making this event unique and inspiring.



TECHNOPHILIA

Faculty Coordinators:

Dr. Neelam Dahiya

Assistant Professor, Department of
Computer Applications
Chitkara University, Punjab

Dr. Divya Khanna

Assistant Professor, Department of
Computer Applications
Chitkara University, Punjab

Student Coordinator:

Rahul Kohli +91 98962 50252

📅 19th September, 2023

🕒 11:30 am

📍 Pulitzer Hall, Picasso Block

Organised by:

Department of
Computer Applications
Chitkara University, Punjab

Competition on

- Power Point Presentation
- Poster Making
- Logo Fusion
- Typing



RESEARCH & PUBLICATIONS

Bajaj, J.S., Kumar, N., Kaushal, R.K. 2023. Performance analysis of hybrid model to detect driver drowsiness at early stage. *International Journal of Applied Science and Engineering*, 20, 2023214. [https://doi.org/10.6703/IJASE.202309_20\(3\).010](https://doi.org/10.6703/IJASE.202309_20(3).010)

Singh, A., Kaur, A. and Gupta, D., 2023. Framework for Deploying Web Trustability in Cloud Environment. *International Journal of Intelligent Systems and Applications in Engineering*, 11(10s), pp.865-876.

Modi, N. and Singh, J., 2023. Understanding online consumer behavior at e-commerce portals using eye-gaze tracking. *International Journal of Human-Computer Interaction*, 39(4), pp.721-742.

Dahiya, N., Singh, S. and Gupta, S., 2023. A review on deep learning classifier for hyperspectral imaging. *International Journal of Image and Graphics*, 23(04), p.2350036.

Batra, H., Saluja, K., Gupta, S., Kaushal, R., Sharma, N. and Singh, P., 2023, April. Machine Learning Techniques for Data-Driven Computer-Aided Diagnostic Method of Polycystic Ovary Syndrome (PCOS) resulting from Functional Ovarian Hyperandrogenism (FOH). In *2023 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES)* (pp. 195-201). IEEE.

Garg, S., Kaushal, R.K. and Kumar, N., 2022. A Comprehensive Report on Blockchain Technology, Its Applications, and Open Research Challenges. *Blockchain Technology in Corporate Governance: Transforming Business and Industries*, pp.369-386.

Malik, V., Mittal, R., Mavaluru, D., Narapureddy, B.R., Goyal, S.B., Martin, R.J., Srinivasan, K. and Mittal, A., 2023. Building a secure platform for digital governance interoperability and data exchange using blockchain and deep learning-based frameworks. *IEEE Access*.

Kaur, P. and Sharma, V.K., 2022, December. Analysis of Secure Locking Techniques on Smart Phones. In *2022 5th International Conference on Contemporary Computing and Informatics (IC3I)* (pp. 1807-1811). IEEE.

Kumar, Y., Singh, R., Moudgil, M.R. and Kamini, 2023. A Systematic Review of Different Categories of Plant Disease Detection Using Deep Learning-Based Approaches. *Archives of Computational Methods in Engineering*, pp.1-23.

Rajendran, N., Singh, R., Moudgil, M.R., Turukmane, A.V., Umadevi, M. and Glory, K.B., 2022. Secured control systems through integrated IoT devices and control systems. *Measurement: Sensors*, 24, p.100487.

Kaur, A., Kumar, S., Gupta, D., Hamid, Y., Hamdi, M., Ksibi, A., Elmannai, H. and Saini, S., 2023. Algorithmic Approach to Virtual Machine Migration in Cloud Computing with Updated SESA Algorithm. *Sensors*, 23(13), p.6117.

Kaur, A., Singh, V. and Sharma, S., 2023, July. A comprehensive study of trust management system in wireless sensor networks. In *AIP Conference Proceedings* (Vol. 2788, No. 1). AIP Publishing.

Rani, G., Sharma, T. and Sharma, A., 2023, February. Future Database Technologies for Big Data Analytics. In *2023 International Conference on Intelligent Systems for Communication, IoT and Security (ICISCoIS)* (pp. 349-354). IEEE.

PATENTS

Dr. Amandeep kaur, Dr. Jaiteg Singh, Mr. Akash Singh Rajput, Dr. Varun Malik, Ms. Puninder Kaur and Ms. Shweta Sharma filed a patent titled Wristwatch Gadget For Rescue Operations with vide application number UPIPCON230605-1322.

Mr. Harsh Chaudhary, Dr. Amandeep kaur, Dr. Jaiteg Singh, Dr. Varun Malik and Dr. Amanpreet Singh filed a patent titled Side Fan Chimneys with vide application number DPIPCON230801-1322

Dr. Ruchi Mittal, Dr. varun Malik, Dr. Jaiteg Singh filed a patent titled Method and System for Predicting Autism Spectrum Disorder (ASD) Using Behavior Characteristics with vide application number UPIPCON230531-1337.

Dr. Maninderjit Singh Khanna, Dr. Jaiteg Singh, Dr. Rupinder Singh, Dr. Jaspreet Singh Bajaj, Dr. Amanpreet Singh filed a patent titled Wooden Mobile Stand with Hard Base for Uneven Surface vide application number DPIPCON230722-1269.

Dr. Maninderjit Singh Khanna, Dr. Jaiteg Singh, Dr. Rupinder Singh, Dr. Jaspreet Singh Bajaj, Dr. Amanpreet Singh filed a patent titled Pen Design with Salai /Baj holder for Turbaned Individuals vide application number DPIPCON230810-1353.

Dr. Rupinder Singh, Mr. Amanpreet Singh, Dr. Cham kaur Singh, Dr. Kamini, Dr. Maninderjit Singh Khanna, Mr. Jaspreet Singh Bajaj filed a patent titled Scooter with in-build Seat Cooling Feature vide application number DPKHU230117-0610

Dr. Rupinder Singh, Mr. Amanpreet Singh, Dr. Chamkaur Singh, Dr. Kamini, Dr. Maninderjit Singh Khanna, Mr. Jaspreet Singh Bajaj filed a patent titled Multicolour Marker with Inbuilt Duster vide application number DPKHU230220-0691.

Dr. Rupinder Singh, Dr. Vikas Malhotra, Dr. Maninderjit Singh Khanna, Mr. Amanpreet Singh, Mr. Jaspreet Singh Bajaj filed a patent titled Interactive LCD Screen Embedded Lunchbox for Enhanced Mealtime Experience for Kids vide application number DPIPCON230717-1254

Dr. Rupinder Singh, Mr. Amanpreet Singh, Dr. Chamkaur Singh, Dr. Kamini, Dr. Maninderjit Singh Khanna, Mr. Jaspreet Singh Bajaj, Dr. Preetkamal Sharma, Dr. Manuraj Moudgil filed a patent titled Multipurpose Classroom Duster vide application number DPIP CUR230210-0635.

Dr. Deepika Chaudhary, Ms. Manpreet, Dr. Jaiteg Singh, Dr. Jaswinder Singh, Ms. Rajwinder Kaur, Dr. Nishu Bali, Dr. Amanpreet Singh filed a patent titled Alarm-Integrated Smart Diya vide application number DPIP CUR230210-0635.

STUDENT ACHIEVEMENTS

Name	Class (Sem)	Event	Organizers	Date	Position
Rubab Kaur Grewal	BCA (5)	Hockey Tournament	Inline Hockey Federation Cup Jammu 2023	August 24-27, 2023	Silver Medal
Naman	BCA (1)	Poster Competition	Matrix club, Chitkara University, Punjab	September 19, 2023	First Position
Urvi	BCA (1)	PPT Presentation Competition	Matrix club, Chitkara University, Punjab	September 19, 2023	First Position
Himkar	BCA (1)	Logo Fusion competition	Matrix club, Chitkara University, Punjab	September 19, 2023	First Position
Sparsh	BCA (1)	Typing Competition	Matrix club, Chitkara University, Punjab	September 19, 2023	First Position
Akarsh Anand Sinha	MCA (1)	Unity Application Development for Industrial Projects	Amity University, Patna.	24 July– August, 2023	Letter of appreciation



PLACEMENTS-MCA

S No	Roll Number	Name	Company
1	2210987003	Amisha Dang	Edifecs Technologies Private Limited, Mohali, SAS Nagar, Punjab.
2	2210987042	Abhishek Chauhan	Edifecs Technologies Private Limited, Mohali, SAS Nagar, Punjab.
3	2210987048	Anshul Gupta	Compass Technologies Chandigarh.
4	2210987056	Gurisha Manchanda	Edifecs Technologies Private Limited, Mohali, SAS Nagar, Punjab.
5	2210987082	Raman Deep Singh Saini	Cloud Analogy, kurukshetra.
6	2210987089	Sandeep	Edifecs Technologies Private Limited, Mohali, SAS Nagar, Punjab.
7	2210987105	Varenya	Codebrigade/Schoolpad, Mohali.
8	2210987036	Tushar Jaryal	Research Center on AI and Sustainability, National Chung Cheng University, Chiayi, Taiwan.

PLACEMENTS-B.TECH(IT)

S No	Roll Number	Name	Company
1	2055991502	Abhishek Sharma	Designer Bugs, New Delhi.
2	2055991516	Eshika Singla	Think Next Technologies Mohali.
3	2055991523	Nagender Singh	Techversys Solutions Pvt.Ltd., SAS Nagar.
4	2055991527	Rahul Arora	SoundVerse, Mohali.
5	2055991528	Rishab Singh Rana	Kindlebit Global Inc. Sahibzada Ajit Singh Nagar, Punjab.
6	2055991537	Vishal Chauhan	DigiMantra Mohali.
7	2055991541	Vansh Bansal	Designer Bugs, New Delhi.
8	2055991542	Amanpreet Singh	Faramond Technologies Pvt Ltd. Gurugram.
9	2055991562	Harsh Chaudhary	Sears IT and Management Services.Pune.
10	2055991565	Mayur Saini	Thinkscoop Technologies LLP., SAS Nagar.
11	2055991587	Riya Aggarwal	Sabres Group, Noida.

PLACEMENTS-B.TECH(IT)

S No	Roll Number	Name	Company
12	2055991592	Meghansh	Sysculus System Pvt. Ltd. Delhi.
13	2055991597	Navnoor Kaur Viridi	Sabres Group Noida.
14	2055991600	Bhanu	The Digit SAS Nagar.
15	2055991601	Irtiqa Javaid	Tech BOXX,Srinagar.
16	2055991610	Priyanshu Nagpal	Connaissant Fresco, Nirvana, Gurgaon
17	2055991614	Bhavika Garg	Soft UVO Solutions Pvt. Ltd. Mohali
18	2055991618	Bhupesh Verma	MyAnatomy Integration Pvt Ltd. Banglore.
19	2055991620	Pushpinder Choudhary	Sim Saw Software Private Ltd. Mohali
20	2055991623	Eknor Singh	Soft UVO Solutions Pvt. Ltd. Mohali
21	2055991627	Gaganjot Kaur	KYT Software Solutions Pvt. Ltd. Panchkula.
22	2055991629	Abhinav Soni	Klocrix Business Solutions Pvt. Ltd. Mohali.

A Brain Teaser

3		5	4		2		6	
4	9		7	6		1		8
6			1		3	2	4	5
		3	9			5	8	
9	6			5	8	7		3
	8	1	3		4		9	2
	5		6		1	4		
2			5	4	9		7	
1	4	9			7	3		6

Solution of Last Issue

9	5	7	6	1	3	2	8	4
4	8	3	2	5	7	1	9	6
6	1	2	8	4	9	5	3	7
1	7	8	3	6	4	9	5	2
5	2	4	9	7	1	3	6	8
3	6	9	5	2	8	7	4	1
8	4	5	7	9	2	6	1	3
2	9	1	4	3	6	8	7	5
7	3	6	1	8	5	4	2	9

Editorial Section

We present the current issue of our newsletter and we hope to get due feedback from our readers which can help us in improving our next issues.

“Happy Reading”

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