

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS, SECTOR-11,
CHANDIGARH**



**DEPARTMENT OF COMPUTER APPLICATIONS
DEPARTMENTAL ACTIVITIES REPORT**

SESSION 2024-25

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Institutions Innovation Council 7.0 and Role of Innovation and Entrepreneurship in Higher Educational Institutions:

Institutions Innovation Council in collaboration with Post Graduate Department of Computer Applications organized a Seminar on “Institutions Innovation Council 7.0 and Role of Innovation and Entrepreneurship in Higher Educational Institutions (HEIs)”. The session was organized by the members of Institutions Innovation Council Mr. Mohit Sanan and Ms. Navdeep Kaur on August 28, 2024. Dr. Naveen Pandhi, Convener welcomed the President of IIC, Prof (Dr) Anita Kaushal. The main objective of the seminar was to make students aware of Institutions Innovation Council 7.0 and Role of Innovation and Entrepreneurship in Higher Educational Institutions. Prof (Dr) Anita Kaushal apprised students about Ministry of Education, Government of India has established Innovation Cell at all India Council for Technical Education with a purpose of systematically fostering the culture of Innovation in all Higher Educational Institutions across the country. Dr. Naveen Pandhi apprised students for fostering the culture of Innovation and Entrepreneurship in the institution. Mr. Mohit Sanan made students aware about IIC 7.0 and Composition of IIC in the institution. Students came to know about vision and mission of IIC and facilitating technology transfer towards sustainable generation and production of innovations and startups. Ms. Navdeep Kaur made students aware about Role and Importance of Innovation, Start-Ups and Entrepreneurship in Higher Educational Institutions. The seminar also emphasized on the opportunity to innovate to make the lives more comfortable and the solutions that can be evolved to make it better, easier and more useful. The seminar ended with vote of thanks from Dr. Naveen Pandhi, Convener-IIC. Nearly 60 students attended the informative session.



Event: Pitch an Idea (Business Proposal):

Under the able guidance of Principal Madam Prof (Dr)Anita Kaushal, The Department of Computer Applications organized a PowerPoint presentation competition-“Pitch An Idea” centered around the theme of "Entrepreneurship and Innovation." The event aimed to foster creativity and practical business thinking among students, encouraging them to develop and present innovative business proposals. The event was judged by Dr. Meenu Verma, Head of the Department of Computer Applications, Ms.Ritika Singh and Ms. Ritu Singh Kalsi. Around 30 students from BCA had attended the event. The expertise and insights of the judges were instrumental in evaluating the presentations based on their feasibility and scope. A total of seven teams participated in the competition, each presenting their unique business ideas and proposals. The teams were judged based on the feasibility, scope, potential impact of the innovation, creativity and originality of the idea. After careful consideration and evaluation, certificates were awarded to the top three teams based on their performance and adherence to the judging criteria. Certificates were awarded to the following Teams:

First Position: Team D

Topic: Academic Boosters

(1) Lovleen Sharma (2) Reeva Chauhan(MSc.IT-II)

Second Position: Team G

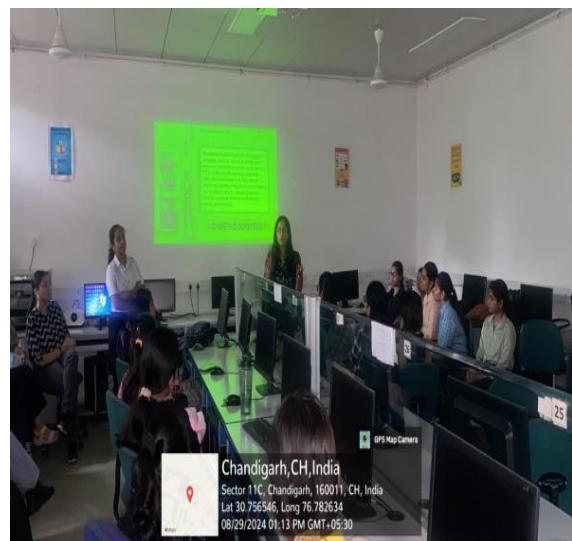
Topic: Urban Development

(1) Aditi (2) Komal(BCA-II)

Third Position: Team E

Topic: StratAI Spark

(1) Tanu Guleria(2) Dakshita Sharma(BCA-II)



Seminar on Career Counseling & Vedic Mathematics:

Post Graduate Department of Computer Applications in collaboration with Training and Placement Cell organized a Seminar on Career Counseling and Vedic Mathematics. The Seminar was organized by the members of Training and Placement Cell Ms. Harpreet Kaur and Mr. Mohit Sanan on September 18, 2024. Dr. Meenu Verma, HOD, PG Department of Computer Applications and Dr. Naveen Pandhi, Convener of the Training and Placement Cell welcomed Mr. Sudhir Grover, President and Ms. Arpana Grover, Vice President of Infomaths Pvt. Ltd., Sector 35, Chandigarh. Infomaths Pvt. Ms. Arpana Grover highlighted that career guidance plays a very important role in the lives of all students, as it helps in setting future goals and choosing careers. Career Counseling helps students understand the career options that they have, and how to pursue them. It helps students understand their own strengths and weaknesses with regard to their present course or profession, and let them know what career they would be suited for. Mr. Sudhir Grover highlighted Vedic Mathematics as it is a collection of methods to solve numerical computations quickly and faster. It consists of 16 sutras called formulae and 13 sub-sutras called sub formulae which can be applied to the solving of problems in arithmetic, algebra, geometry, calculus, conics, etc. Prof (Dr) Anita Kaushal motivated the students to attend such informative seminars which will benefit them in their future prospects. She also appreciated the efforts put in by the Placement Cell Committee and PG Department of Computer Applications. The seminar ended with vote of thanks from Ms. Harpreet Kaur. Nearly 160 students attended the informative session.



MoU with IFM Fincoach Global Pvt. Ltd.

Department of Computer Applications of Post Graduate Government College for Girls signed a Memorandum of Understanding (MoU) with IFM Fincoach Global Pvt. Ltd., Industrial Area, Sector 73, Mohali on 21-01-2025. Recognizing the mutual benefits of collaboration between IFM Fincoach and the College to enhance the skills and employability of Undergraduate (UG) and Postgraduate (PG) candidates in the Banking, Financial Services and Insurance (BFSI), both parties hereby enter this Memorandum of Understanding (MoU). The MoU was signed between Prof (Dr) Anita Kaushal, Principal, PG Government College for Girls, Sector 11, Chandigarh and Mr. Manoj Sehgal, Director, IFM Fincoach Global Pvt. Ltd.

This collaboration represents a significant step toward creating smarter, more resilient financial services. Our combined expertise will allow us to better serve the needs of our students and stay ahead of industry trends. The MoU shall remain in force for a period of 3 years. The primary objectives of MoU are to provide specialized training programs in BFSI to UG and PG candidates and to foster cooperation and partnership between IFM Fincoach and the college to promote academic and professional development in the BFSI sector.



Seminar on Career Counselling and Guidance:

Post Graduate Department of Computer Applications in collaboration with InfoMaths CoursEdu, Sector 35, Chandigarh organized a Seminar on Career Counselling and Guidance on February 05, 2025. The Seminar was organized by the faculty of Department of Computer Applications. Resource Person for the Seminar was Ms. Arpana Grover, Vice President of Infomaths CoursEdu. InfoMaths CoursEdu is today acknowledged as a multi-location, multi- programme training specialist run on corporate lines and offers a wide range of programmes not only for national and state-level entrance exams but also for Career Counselling and Guidance. Prof (Dr) Anita Kaushal, Principal was the Chief Guest for the Seminar. Prof (Dr) Anita Kaushal highlighted various career opportunities across different fields and emphasized the importance of skill development and personal growth in today's competitive job market. The Resource Person elaborated on diverse career opportunities in fields such as technology, healthcare, finance, and creative industries. Practical advice was given on acquiring technical and soft skills, which are crucial for career success. The seminar featured an engaging Q&A session where students raised questions about career planning, overcoming job market challenges, and leveraging internships for skill development. The speakers provided comprehensive answers, encouraging students to adopt a proactive approach toward their career goals.

Prof (Dr) Anita Kaushal motivated the students to attend such informative seminars which will benefit them in their future prospects. She also appreciated the efforts put in by the faculty of PG Department of Computer Applications. Nearly 120 students attended the informative session.



Alumnae Talk

The PG Department of Computer Applications hosted a highly engaging and insightful Alumnae Talk on February 19, 2025. The talk was graced by Ms. Manisha Ghai, a distinguished alumna of the department, who is currently working as an Associate Support Engineer at Edifecs, a US-based organization that specializes in managing healthcare data. The session began with a warm welcome to Ms. Manisha Ghai, who was introduced to the students by the department. Ms. Ghai shared her educational background and journey from being a student in the Computer Applications department to securing a prestigious position at Edifecs. Ms. Ghai gave an overview of her professional role as an Associate Support Engineer at Edifecs. She elaborated on the company's operations and its core focus on managing healthcare data, providing valuable insights into how the organization operates within the healthcare technology sector.

The event also featured an interactive session where more than 100 students were participated and were encouraged to ask questions and engage with Ms. Ghai. Topics ranged from career advice and industry trends to technical aspects of working in a support engineering role. Ms. Ghai patiently answered all queries, offering practical advice and guiding the students about how to approach their future careers. One of the key takeaways from the talk was Ms. Ghai's emphasis on the importance of building a solid foundation in technical skills and soft skills. She encouraged students to be proactive in their learning, participate in internships, and work on real-world projects to gain hands-on experience.



MoU with Skill Labs Resource Services Pvt. Ltd.

Department of Computer Applications of Post Graduate Government College for Girls signed a Memorandum of Understanding (MoU) with Skill Labs Resource Services Pvt. Ltd, having its office at A-309, Bestech Business Towers, Sector 66, Mohali, Punjab on 20-02-2025. Recognizing the mutual benefits of collaboration between Skill Labs Resource Services and the College to enhance the skills and employability of Undergraduate (UG) and Postgraduate (PG) candidates in the Financial Inclusion; access to formal credit and business know-hows for MSMEs, both parties hereby enter this Memorandum of Understanding (MoU).

The MoU was signed between Prof. (Dr.) Anita Kaushal, Principal of PG Government College for Girls, Sector 11, Chandigarh, and Dr. Himesh Sharma, Co-Founder and Director of Skill Lab Resource Service Pvt. Ltd. This collaboration aims to build a stronger culture of entrepreneurship and self-employment among students, helping them start their own businesses and encouraging innovation and creativity for better performance in both work and life. By combining our knowledge and resources, we can better meet students' needs and stay updated with industry trends. The agreement will last for 3 years. The main goals of this partnership are to offer specialized training programs to undergraduate and postgraduate students and to promote cooperation between Skill Lab Pvt. Ltd. and the college to support academic and professional growth through skill development training.



5 Day Workshop on Artificial Intelligence

Post Graduate Department of Computer Applications of Post Graduate Government College for Girls, Sector 11, Chandigarh organized a Five-Day Workshop on Artificial Intelligence (AI) held from March 17 to March 21, 2025. This Intensive Workshop sponsored by the Department of Science and Technology and Renewable Energy, Chandigarh Administration brought together a diverse group of participants and experts to explore the latest advancements in Artificial Intelligence technologies. The workshop aimed to provide participants with a comprehensive understanding of AI, its applications, and its future prospects. The main objective of the Workshop was to serve as a platform for students to gain practical insights into AI concepts, algorithms and tools thereby enhancing their technical competencies and career prospects. Prof (Dr) Anita Kaushal, Principal was the Patron for the Workshop. Dr Meenu Verma, Head of the Department was the Convener and Lt. Harpreet Kaur, Assistant Professor was the Co-Convener. The Workshop featured comprehensive sessions on key AI concepts including Machine Learning, Deep Learning, Natural Language Processing, Pandas, Python, TensorFlow and AI Ethics. Participants engaged in hands-on training, interactive discussions and analysed real-world case studies enhancing their practical understanding of AI applications.

Workshop Structure: -

Day 1: Basics of Artificial Intelligence, Machine Learning and Real-World AI Applications.

Day 2: Introduction to Python and AI Application Libraries.

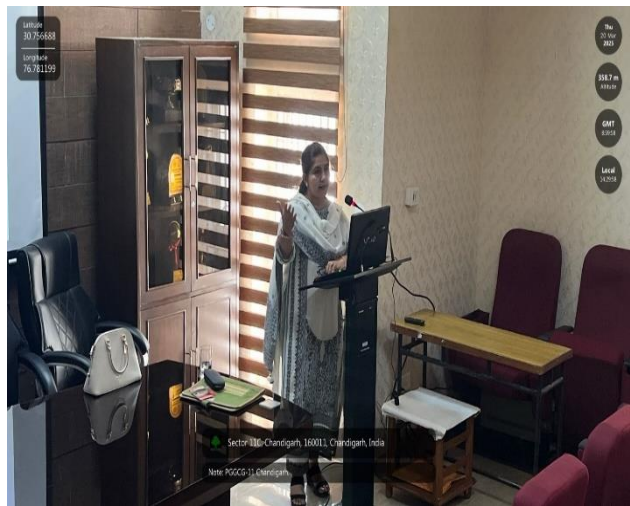
Day 3: Natural Language Processing, AI in Communication and Random Forest.

Day 4: Hands on Mini-Project and AI in Automation and Robotics.

Day 5: Ethics AI and Future Trends in AI.

Esteemed professionals from industry and academicians from renowned institutions shared their expertise providing valuable insights into AI-driven innovations. The collaborative environment fostered networking opportunities and facilitated knowledge exchange among attendees. The workshop has been instrumental in deepening understanding of AI and its practical applications. The hands-on sessions and expert guidance can be applied in the research and professional endeavours. Participants gained hands-on experience with AI tools and frameworks.

Dr. Meenu Verma extended its gratitude to the Department of Science and Technology and Renewable Energy, Chandigarh Administration for their generous support, which was pivotal in the success of this initiative. Prof (Dr) Anita Kaushal, Patron for the Workshop distributed the Certificates to the students for attending the Workshop. The awarding of Certificates served as a token of recognition for the participants' dedication and efforts. The institution remains committed to advancing education and research in emerging technologies and looks forward to organizing similar events in the future. The workshop was a grand success, providing participants with an extensive understanding of AI and its applications. The blend of theoretical knowledge, hands-on sessions and expert discussions made the event highly beneficial for students. 50 students of the Department of Computer Applications attended the Workshop. The vote of thanks was delivered by Lt. Harpreet Kaur who expressed sincere gratitude to all the dignitaries, guests and participants for making the event a success.



Inter-College IT Fest- Tech Zeal 2K25

The Department of Computer Applications at Post Graduate Government College for Girls, Sector-11, Chandigarh, successfully organized TECH-ZEAL 2K25, an inter-college fest held on April 2, 2025. The event featured a vibrant array of competitions celebrating technology, creativity, and innovation.

The fest was inaugurated by Prof. Anita Kaushal, Principal of the college, who lit the ceremonial lamp, symbolizing the commencement of a day brimming with enthusiasm and talent. The campus was abuzz with excitement as more than 200 students from 16 colleges across the region participated in a wide range of events. The "SHOW CASE" movie-making contest highlighted students' cinematic flair, while "DANCE PLUS" captivated audiences with electrifying performances set to the latest music. "TREASURE HUNT" tested participants' problem-solving abilities and physical agility in an engaging race for clues. Other highlights included "MIND EXPLORER – IT QUIZ", which challenged participants with complex programming questions requiring critical thinking and quick reflexes. "WEB-CREATEX" displayed creative web design skills, while "KOD-HAK" put students' debugging prowess to the test. The "Tech Startup" competition, themed around Digital India, showcased entrepreneurial innovation and futuristic ideas.

Eco-conscious creativity was on display in "BEST OUT OF WASTE", where students crafted art from e-waste. Meanwhile, "NUKKAD NATAK" delivered impactful social messages through powerful street performances. The valedictory ceremony was honoured by Prof. Sanjay Kaushik, Dean of the College Development Council, who served as the Chief Guest. In her address, Prof. (Dr.) Anita Kaushal praised the Department of Computer Applications for their efforts in hosting such a successful and meaningful event. She highlighted the increasing relevance of Information and Communication Technology (ICT) across all domains and encouraged students to continue developing their technical expertise to stay ahead in today's fast-paced world.

She also acknowledged the value of such fests in providing students with a refreshing break from academics while nurturing their creativity and technical skills. Dr. Meenu Verma, Head of the Computer Applications Department, delivered a heartfelt vote of thanks to the distinguished guests and enthusiastic participants, bringing a close to a day filled with inspiration, learning, and celebration.



