



It is my pleasure to present the Annual Report for GNA University.

This report highlights the university's achievements over the past year and provides a glimpse into our vision for the future.

At GNA University, we are committed to providing a world-class education to students from all backgrounds. We believe that education is the key to unlocking human potential and creating a better world and keeping this idea in mind GNA University being a NAAC Accredited University is trying to excel in all spheres and in the year 2023-2024 Computer Science and Engineering Department added another feather to the cap by getting NBA Accreditation.

University offers Undergraduate, Post graduate and Doctorate Programs in 11 domains. University offers 30 **Undergraduate programs, 12 Post graduate Programs and Doctorate in**

**And offers Doctorate Programs in** Business Studies, Computational Science, Design and Mass Communication, Engineering, Hospitality and Airlines, English, Physics, Chemistry and Mathematics and Physical Education

Over the past year, we have achieved significant milestones in research, teaching, and community engagement.

**First I would like to talk about achievements of Research and Development Division of the University.**

GNA University has a strong focus on research and development, with a dedicated Research and Development Cell established in 2016 to monitor PhD programs and research at the institute.

The main focus of research is on the sustainability issues and providing the workable solutions for the same. The University allocates a budget to RDC every academic year that is used to encourage the teachers to contribute quality publications, patents, participate in conferences across the country as well as abroad. Besides, RDC has also come up with an encouraging research and incentive policy to promote a research conducive ecosystem at University. And to make research a clean process University purchased its own Turnitin Software for Plagiarism Check.

**During the academic year 2023-2024** total 40 candidates enrolled under the supervision of 30 Supervisors for PhD in different schools. **And 18 PhD Scholars** completed their PhD degree program in last academic year. The university encourages its faculty members and students to participate in research by conducting 85 workshops/seminars were conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the

year in various schools. In the session 2023–24, the university has published 61 research papers, 86 books and book chapters, and also presented papers at conferences and seminars which led to bring 12 accolades to university in the field of research and innovation. 3 faculty members completed their Seed Money projects and University provides Appreciation Letters and Monetary benefits of INR 2, 58,208/- were provided to faculty members for Publishing Research in UGC listed renowned journals, books, book chapters and presenting papers in conferences.

### **Moving further with the Institutions Innovation Council (IIC)**

It has been established in the year 2018 with a mission to:

- Foster Innovation
- Support Startups
- Encourage Collaborations
- Promote Entrepreneurial skills
- Advance Research & Development

During the session 2023-2024, GU-IIC has organized 110 activities & Industrial Visits related to entrepreneurship, Innovation & startups.

**Talking about GNA University Intellectual Property Management & Commercialization Cell (GU IPMC Cell).** It has been established by the Punjab State Council for Science & Technology with the support of the Department of Science & Technology, Govt. of India. IPMC promotes a culture of innovation by encouraging students, faculty, and researchers to develop novel ideas, products, and technologies. It Facilitates the protection and commercialization of research outputs, helping researchers translate their work into real-world applications.

The university's efforts in fostering innovation and applying for design patents seem to be gaining momentum, with a marked increase in applications and a higher success rate in patent registrations. The increase in patents granted between **2023 and 2024** is a positive sign that the university is moving toward becoming more proficient in managing intellectual property and achieving tangible outcomes.

The number of patents applied for increased significantly over the period. The number of published patents has surged, particularly in the year 2023-2024, with a total of 56 patent applied and **82 patents** published, marking a strong output from both **GU IPMC Cell** and external collaborations. There is a notable improvement in the number of granted or registered design patents which are 14 in number.

This achievement reflects the growing innovation culture within the university, the effectiveness of its Intellectual Property Management and Commercialization Cell, and the increasing proficiency in securing and protecting intellectual property.

**To shed light on Technology Business Incubator cell of the university.** It has been at the forefront of fostering innovation, entrepreneurship, and intellectual growth throughout the year. The activities spanned a diverse range of expert talks, workshops, seminars, like 'From Idea to Income: An Entrepreneurial Spirit' "Entrepreneurship and Innovation as Career Opportunity", Workshop on IPR Awareness and Guest Lecture on Innovation and Startups are naming a few.

TBI participated in IGNITE Investor Clinic-1 - Delhi NCR Cluster Intervention Programme organized by AIC-BIMTECH, Greater Noida to facilitate connections with investors and mentors. With a Team of 10 students and 2 Faculty members TBI team also visited to Startup Mahakumbh at Pragati Maidan, New Delhi, to give exposure to budding entrepreneurs.

To equip more than 100 students with entrepreneurial skills through a structured program a 5-Week Entrepreneurship Orientation Program (EOP) in collaboration with Startup Punjab, Chandigarh was organized by TBI

**Not only research and teaching is the priority of the university but also service to Nation and Society is also being inculcated in the students.** To foster the spirit of patriotism and nationalism GNA NCC (Army Wing) has enrolled 105 Cadets to build up discipline, character and sense of responsibility amongst them.

Senior Under Officer Aryan is Honored with an Appreciation Award from Jalandhar Group for Successfully completing the Thal Sainik Camp (TSC) in 2023, demonstrating exceptional leadership and commitment to Service and also Recognized as the Best Cadet of the Battalion earlier this year, showcasing outstanding performance, discipline, and dedication to NCC values.

Two cadets attended army attachment camp to get practical exposure to military life, including training with army personnel.

3 cadets were selected for Thal Sainik Camp and represented in prestigious national level competitions.

**And National Service Scheme** is here to develop students' character and personality through community service, and to transform them into responsible citizens NSS wing of the university has more than 250 volunteers. NSS wing of university has arranged many cleanliness drives and blood donation camps in the last academic year. To apprise the society about social evils like dowry, drug addiction NSS wing organized various awareness camps and rallies.

**Over the year our Faculty members have showcased remarkable achievements in the** fields of research and innovation and to polish their skills any Faculty Development Programs were attended by the Faculty members.

1. Dr. C. R. Tripathy, Dean School of Engineering, Design and Automation – Design was honoured with the “Best Dean Award” by the Star International Foundation for Research and Education (SIFRE) approved by Government of India.

2. Dr Vikrant Sharma, Dean (SEDA-E) acted as a Conference Chair in 3 International Conferences
3. Dr Vikrant Sharma, Dean (SEDA-E) received best student chapter Award in ISTE held at Baba Farid College, Bahinda.
4. Dr. Anurag Sharma (Head of Department, CSE) got the ISTE Best Teacher award.
5. Dr. Deepak Kumar, received Global Hospitality and Tourism Leadership award by Subharti University, Meerut, UP. Dec, 2023.
6. Dr Parm Preet was appointed as an observer by AIU New Delhi in the North Zone Inter University Football Tournament (Women) held at HP University Shimla
7. Dr Parm Preet was appointed as Coordinator for the Boys Football Event by AIU & SAI (Sports Authority of India) at the 4<sup>th</sup> Khelo India University Games held at Mizoram
8. Mr. Vijay Kumar won the Silver Medal at the Kheda Wattan Punjab Diyan, which was organised by the State Government of Punjab.
9. Dr. Yogesh Bhalla has been selected for 2-week Summer School of Teacher training fully sponsored by National Centre for Mathematics (IIT Bombay & TIFR) at IIT, Mandi from more than 250 applications from all over the country.
10. Ms. Vanshika Khanna of SNS received Best Poster Award at International Conference held at JNU, New Delhi.

During the academic year 2023-2024 our students demonstrated their skills and talent, in the field of academics and co-curricular activities by winning accolades at various events and competitions:

1. The SEDA-D team Brainiacs clinched the runner-up trophy along with a cash prize of 1,40,000/- and also in the categories for being the Best Cost-Effective Machine and the Best Working Prototype at the prestigious SAE INDIA Tifan-24 competition Sri Sairam Engineering College, Chennai.
2. The students from SEDA-D have secured 1st, 2nd, and 3rd positions in a highly competitive Robotics Championship held at Pushpa Gujral Science City, Kapurthala.
3. The students of B.Design secured 2<sup>nd</sup> position in the Global UX India 24 at Bengaluru where participants from 16 countries participated.
4. The students from SEDA-D participated at Malaviya National Institute Technology (MNIT) Jaipur in association with IEEE in which they secured first place earning a certificate and cash prize of Rs. 10,000/-.
5. The students of SEDA-E with one student from the 7th semester B.Tech program achieving **1st place** in a **state-level AutoCAD competition** and **3rd place** in another inter-college AutoCAD Designing competition.

6. The students of SEDA-E got second position in Robo Race Competition held at NIT Jalandhar.
7. The students of SEDA-E got second position in Circuit Mania competition and participated in Project Exhibition held at Khalsa College Jalandhar.
8. Students of SEDA-E Garvit Sharma and Harkaran Singh (students of B.Tech. CSE) got 2nd position in Coding competition held at Khalsa College Jalandhar.
9. Students of SEDA-E Sujal Tiwari, Shubham Bhanot and Vishal Kumar (Cyber Security Students) got HALL OF FAME from NASA under their Vulnerability Disclosure Program.
10. Students of SEDA-E Vishal Kumar and Atish Chand (Cyber Security Students) got HALL OF FAME from NCIIPC, Government of India under their Vulnerability Disclosure Program.
11. Students of SEDA-E have demonstrated their research and innovative spirit by publishing **1 patent**, a testament to their creativity and problem-solving skills.
12. Two students of Aerospace Engineering received Best Research paper award from Global Academy Engineering College, and Lovely Professional University.
13. SEDA-E students participated in Paper Presentation Competition on the occasion of Engineers' Day held at DAV Institute of Engineering and Technology, Jalandhar and got 1st position and 3rd position respectively.
14. A student of BCA final year earned a place in the NASA HALL OF FAME under the Vulnerability Disclosure Program.
15. Eight students of MCA published and presented their papers in national conference.
16. Two students have completed their certification of Ethical Hacking from EC Council, USA.
17. Student of B.Com Diwanshu Kumar Pandey qualified certificate B examination of Authority of Ministry of Defense, Government of India.
18. A Team of two students of SOH won 3rd position in the "Best Salad" competition category of the Culinary Olympiad in Oct 2024 at Chandigarh University.
19. Two students of SOH won 3rd position in the "Tech Invent 2024" competition category of the Culinary Olympiad in Oct 2024 at Chandigarh University.
20. Students of SOH won 1st position at district level in Pehrawa and Mimicry held at Kapurthala
21. Students of SOH won 2<sup>nd</sup> position in Mimicry at APJ College
22. Student of SOH bagged 1st prize along with 5100 cash prize at Saviskar open mic held at Chandigarh group of colleges, Mohali.
23. Baldev Guru of BPES secured 1<sup>st</sup> position (Gold Medal) in the AIU All India Inter University Weight Lifting Tournament 2023-24

24. Two students of SPES Harsimran Singh Longia and Kattic Minhas secured 1<sup>st</sup> position (Gold Medal) in the AIU All India Inter University Kick Boxing Tournament 2023-24
25. Three Students of SPES Muskan, Taneesha, and Manpreet secured 3<sup>rd</sup> position (Bronze Medal) in the AIU All India Inter University Kick Boxing Tournament 2023-24
26. Harsh of BPES secured 3<sup>rd</sup> position (Bronze Medal) in the AIU All India Inter University Boxing Tournament 2023-24
27. University's Football Team Secured Second position in Noth Zone Inter University Football Tournament
28. Sunny of BPES Secured Third position in Noth East Zone Inter University Wrestling Tournament
29. SDMC students secured 2nd position at the Short Film Festival organized by the CT Group of Institutions, Shahpur, showcasing exceptional storytelling and filmmaking skills.
30. Students of SDMC achieved 1st position in the District Level Bandh Muqabala, demonstrating their creative and competitive excellence.
31. SDMC Students secured 3rd position in the Ad Mad Show at the APEEJAY SPARK 2024 annual event, showcasing innovative advertising skills.
32. Two students of SAHS achieved remarkable success by winning the first prize in a volleyball tournament.
33. Komal Sharma of B.Sc. Chemistry selected for summer Research fellowship Program at IIT, Mandi sponsored by IASC (Banglore), INSA (New Delhi) and NASI (Prayagraj).
34. Anu Mehra of B.Sc. Physics selected for summer Research Fellowship Program at Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru.
35. Komal of BA English earned a **medal in shooting** at the NCC Camp held at Lovely Professional University (LPU), demonstrating discipline and precision
36. Baljot Singh of BA English Received a **medal at the NCC Guard Mounting Camp** at LPU, showcasing excellence in leadership and ceremonial duties.

At the end I would like to extend my gratitude to our faculty, staff, and students for their hard work and dedication. Without their contributions, we would not be where we are today.

As we move forward, we will continue to focus on providing the best possible education to our students and creating a positive impact in our community. We look forward to another successful year ahead.