

Annual College Magazine

HARMONY 2023

(2022-23)



Celebrating 67 Years Of Excellence

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GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

ਵਿਦਿਆ ਵੀਚਾਰੀ ਤਾਂ ਪਰਉਪਕਾਰੀ॥

Nankana Sahib Education Trust (NSET) was founded in 1953 in the sacred memory of Gurdwara Shri Nankana Sahib, the birth place of Guru Nanak Dev Ji. Shiromani Gurdwara Parbandhak Committee (SGPC) Amritsar, a premier organisation of universal brotherhood, was the main force behind the setting up of NSET with the mission of “Removal of Economic Backwardness through Technology”. The president of SGPC is the ex-officio president of NSET. The Trust is committed to uplift the vast weaker section of Indian polity comprising rural India by admitting 70% students every year from the rural areas of Punjab. With this mission, Guru Nanak Polytechnic College, Ludhiana was established in the year 1953. The commitment done by NSET to uplift the rural section of the society was further endorsed by Late Dr. Rajendra Prasad Ji, the 1st President of India, when he laid down the foundation stone of Guru Nanak Dev Engineering College, Ludhiana (GNDEC) on 8th April, 1956.



MESSAGE



ਵਿੱਦਿਅਕ ਅਦਾਰੇ ਸਾਡੇ ਸਮਾਜ ਦੇ ਅਜਿਹੇ ਸਥਾਨ ਹਨ, ਜੋ ਸਿਖਿਆਰਥੀਆਂ ਦੇ ਜੀਵਨ ਵਿੱਚ ਸਕਾਰਾਤਮਕ ਤਬਦੀਲੀ ਲਿਆਉਣ ਦੇ ਸਮਰੱਥ ਹਨ। ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ, ਲੁਧਿਆਣਾ ਪੰਜਾਬ ਦਾ ਇੱਕ ਉੱਚ ਕੋਟੀ ਦਾ ਵਿੱਦਿਅਕ ਅਦਾਰਾ ਹੈ। ਵਿੱਦਿਆਰਥੀਆਂ ਨੂੰ ਉਹਨਾਂ ਦੀ ਬੇਅੰਤ ਪ੍ਰਤਿਭਾ ਅਤੇ ਉਹਨਾਂ ਦੀਆਂ ਛੁਪੀਆਂ ਖੂਬੀਆਂ ਦੀ ਖੋਜ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ਇਸਦੀ ਵਿਰਾਸਤ ਹੈ। ਕਾਲਜ ਮੈਗਜ਼ੀਨ 'ਹਾਰਮਨੀ 2023' ਦਾ ਪ੍ਰਕਾਸ਼ਨ ਸਾਡੇ ਹੋਣਹਾਰ ਨੌਜਵਾਨ ਲੇਖਕਾਂ ਨੂੰ ਉਨ੍ਹਾਂ ਦੇ ਜਵਾਨ ਸੁਪਨਿਆਂ ਅਤੇ ਚਿੰਤਨ ਦਾ ਪ੍ਰਗਟਾਵਾ ਕਰਨ ਲਈ ਲੋੜੀਂਦਾ ਮਾਧਿਅਮ ਪ੍ਰਦਾਨ ਕਰਨ ਦੀ ਪਹਿਲ ਹੈ। ਮਨੁੱਖ ਦੀ ਕਲਪਨਾ ਅਤੇ ਸਿਰਜਣਾਤਮਕ ਸੋਚ ਉਸਦੇ ਸਰਵਉੱਚ ਗੁਣ ਹਨ ਅਤੇ ਇਹ ਗੁਣ ਉਸਦੀ ਮਾਨਸਿਕਤਾ ਅਤੇ ਅਰਥਪੂਰਨ ਹੋਂਦ ਦੇ ਪ੍ਰਤੀਕ ਹਨ। ਅੱਜ ਦੇ ਸੂਚਨਾ ਅਤੇ ਤਕਨਾਲੋਜੀ ਦੇ ਯੁੱਗ ਵਿੱਚ, ਜਦੋਂ ਸੋਸ਼ਲ ਮੀਡੀਆ ਨੌਜਵਾਨਾਂ ਦੇ ਜੀਵਨ ਵਿੱਚ ਇੱਕ ਬਹੁਤ ਵੱਡੀ ਤਾਕਤ ਬਣ ਗਿਆ ਹੈ, ਇਹ ਦੇਖ ਕੇ ਮੈਨੂੰ ਖੁਸ਼ੀ ਹੁੰਦੀ ਹੈ ਕਿ ਇਹਨਾਂ ਵਿੱਚ ਲਿਖਣ ਲਈ ਪਿਆਰ ਅਤੇ ਆਪਣੇ ਵਿਚਾਰਾਂ ਨੂੰ ਸਭ ਤੋਂ ਵੱਧ ਰਚਨਾਤਮਕ ਢੰਗ ਨਾਲ ਬਿਆਨ ਕਰਨ ਦੀ ਪ੍ਰਤਿਭਾ ਹੈ। ਜਦੋਂ ਵਿੱਦਿਆਰਥੀ ਆਪਣੇ ਨਵੀਨਤਮ ਵਿਚਾਰ ਸਭ ਤੋਂ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਤਰੀਕੇ ਨਾਲ ਪ੍ਰਗਟ ਕਰਨ ਦੀ ਸਮਰੱਥਾ ਵਿਕਸਿਤ ਕਰਦੇ ਹਨ, ਉਹਨਾਂ ਨੂੰ ਭਵਿੱਖ ਵਿੱਚ ਆਉਣ ਵਾਲੀਆਂ ਚੁਣੌਤੀਆਂ ਦਾ ਕੁਸ਼ਲਤਾ ਨਾਲ ਸਾਹਮਣਾ ਕਰਨਾ ਆ ਜਾਂਦਾ ਹੈ। ਮੈਂ ਸੰਪਾਦਕੀ ਟੀਮ ਅਤੇ ਕਾਲਜ ਮੈਗਜ਼ੀਨ ਵਿੱਚ ਯੋਗਦਾਨ ਪਾਉਣ ਵਾਲੇ ਵਿੱਦਿਆਰਥੀਆਂ ਨੂੰ ਦਿਲੋਂ ਵਧਾਈ ਦਿੰਦਾ ਹਾਂ। ਮੈਨੂੰ ਉਮੀਦ ਹੈ ਕਿ 'ਹਾਰਮਨੀ 2023' ਮੈਗਜ਼ੀਨ ਆਉਣ ਵਾਲੇ ਸਾਲਾਂ ਵਿੱਚ ਵੀ ਸਾਰੇ ਵਿੱਦਿਆਰਥੀਆਂ ਦੀ ਸਿਰਜਣਾਤਮਕ ਯੋਗਤਾ ਨੂੰ ਉੱਚਾ ਚੁੱਕਣ ਦੇ ਆਪਣੇ ਮਕਸਦ ਦੀ ਯਾਤਰਾ ਜਾਰੀ ਰੱਖੇਗੀ। ਸ਼੍ਰੋਮਣੀ ਗੁਰਦਵਾਰਾ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ ਦੀ ਤਰਫੋਂ, ਮੈਂ ਮੈਗਜ਼ੀਨ ਵਿੱਚ ਯੋਗਦਾਨ ਪਾਉਣ ਵਾਲੇ ਸਾਰੇ ਲੇਖਕਾਂ, ਕਲਾਕਾਰਾਂ, ਸੰਪਾਦਕਾਂ ਅਤੇ ਸਮੂਹ ਵਿੱਦਿਆਰਥੀਆਂ ਦੇ ਉੱਜਵਲ ਭਵਿੱਖ ਲਈ ਸ਼ੁਭਕਾਮਨਾਵਾਂ ਦਿੰਦਾ ਹਾਂ ਅਤੇ ਕਾਮਨਾ ਕਰਦਾ ਹਾਂ ਕਿ ਤੁਸੀਂ ਅਰਥਪੂਰਨ ਤਰੀਕੇ ਨਾਲ ਸਿੱਖਣਾ, ਵਧਣਾ ਅਤੇ ਵਧੀਆ ਸਮਾਜ ਦੀ ਸਿਰਜਨਾ ਵਿੱਚ ਯੋਗਦਾਨ ਪਾਉਣਾ ਜਾਰੀ ਰੱਖੋਗੇ।

Educational institutions are spaces of our society meant for bringing positive transformations in the lives of learners. And it is legacy at GNDEC to enable students to explore their boundless talent and myriad of their hidden possibilities.

Publication of college magazine 'Harmony 2023' is a brilliant initiative for providing our promising young writers a medium to express their youthful dreams and contemplations. Imagination and creativity are supreme virtues which are symbolic of man's mindfulness and meaningful existence. In today's era of informational technology, when social media has become an overwhelming force in youngsters' lives, it makes me glad to see that they possess love for writing and talent to articulate their thoughts in the most creative way. When students develop ability to express their innovative thought processes in the most impactful way, they will have the opportunity to excel in a variety of endeavours.

I truly congratulate the editorial team and the students who have contributed to the college magazine. I hope that 'Harmony 2023' will continue its journey to unleash the creative potential of all the students in coming years as well.

On behalf of Shiromani Gurdwara Parbandhak Committee, I extend my best wishes to all of you for your future endeavours. May you continue to learn, grow and contribute to society in meaningful way.

S. Harjinder Singh Dhama

President,

Shiromani Gurdwara Parbandhak Committee

MESSAGE



GNDEC has flourished as centre of excellence in professional education where strong beliefs in efficiency, quality and creativity are upheld. We strive to instil among students spur for creativity and lifelong learning. Meaningful presence of our alumni across the globe is testimony to it.

I am extremely pleased to know that we are releasing college magazine “**Harmony 2023**”. The present times call the students to be multifaceted to enhance their prospects of success and growth. It gives immense satisfaction to see that our promising engineers also possess flair for creative self-expression. The NEP-2020 also focuses at evolvement of multidisciplinary education system which has the potential to explore hosts of possibilities lying latent in students.

On behalf of Shiromani Gurdwara Parbandhak Committee, I congratulate the editorial board and budding writers for capturing this beautiful creative journey in the form of college magazine which will surely be inspiring for rest of the students as well.

I end this note with prayer to Almighty to bestow our students with mental strength and uprightness to emerge as individuals of character and become trendsetters of tomorrow.

S. Sukhminder Singh

Secretary Education,
Shiromani Gurdwara Parbandhak Committee

MESSAGE



It is with great pleasure that I present the annual college magazine “**HARMONY 2023**” for the academic year 2022-23, which is a celebration of the creative talent and innovative spirit of our students.

The magazine is a culmination of the ideas, thoughts, and experiences of our students, who have contributed in various ways to make this publication a reality. I am grateful for their hard work and dedication. I hope this magazine inspires our students to continue exploring their passions and interests, and to push the boundaries of their own creativity. We are committed at providing a nurturing environment that encourages innovation and experimentation, and this magazine is a reflection of that commitment.

Once again, I extend my congratulations to the editorial team and all the contributors who have made this magazine possible. I hope you all enjoy reading it to the fullest of your satisfaction.

S. Inderpal Singh

Director,
Nankana Sahib Education Trust

MESSAGE



I am delighted to present the annual college magazine “**HARMONY 2023**” for the academic year 2022-23, which is a testament to the hard work and creativity of our students. This magazine showcases the academic and extra- curricular achievements of our students and is a reflection of the vibrant college life that we offer.

I would like to congratulate the editorial team and all the contributors who have made this magazine possible. Their dedication and passion have resulted in a beautiful publication that captures the essence of our college.

As you go through the pages of the magazine, I am sure that you will feel proud of the accomplishments of your peers and get inspired to pursue your own passions and interests.

Prof. (Dr.) Sehijpal Singh

Principal,
Guru Nanak Dev Engineering College,
Ludhiana

MESSAGE



It brings me a feeling of immense pleasure to congratulate all on the publication of college magazine, “**Harmony 2023**” . It’s a wonderful source of inspiration for budding poets, writers and literature lovers. It is one of the other platforms provided by the institute for the overall holistic development approach to enrich our students. The magazine, I feel, will mirror the creative and innovative ideas of both students and faculty. Participation of students in such creative opportunities, groom them to fulfil their hobbies and it also prepares great writers for society, as is evident from the glorious history of the institute. I appreciate the students, faculty and staff who shared their creative thoughts through this magazine. At last, I thank and congratulate the editorial team and all individuals involved for their sincere efforts for bringing out the college magazine.

Dr. Parminder Singh

Dean (Student Welfare) &
Head - Deptt. of Computer Science &
Engineering

MESSAGE



“You are not a drop in the ocean. You are the entire ocean in a drop.” –Rumi

All of us have been empowered with an infinite potential of creativity. We just need to conquer our doubts to realise and unleash this hidden potential and create a vibrant aura of our magical personalities. Education, beyond doubt, provides a basic framework wherein we can realise the sea of dormant powers resting inside us. By channelizing and using these energies, we can work wonders in various fields of life. There are myriad ways to uncage this inherent reservoir. One of these ways is expressing one’s self and subtle expressions through Fine Arts. Fine Arts – the highest form of one’s aesthetic sense and intellect – are considered to be on the top of the pyramid of various activities in life.

I feel highly elated to present this gem of marvelous work ensembled as **“Harmony 2023”** to all the valuable readers. It is not just a collection of articles and poems, but a platform exhibiting the inner feelings, hard work and perseverance of the students and the editorial board. **“Harmony 2023”** has been created and assembled by the students themselves in all aspects and will entertain and enlighten the readers for sure. I proudly take this opportunity to congratulate all the students who have contributed to **“Harmony 2023”** in one way or the other. I firmly believe that readers will have an awesome experience going through this spectacular magazine and will appreciate the efforts put in by the students and the editorial team.

Dr. Harpreet Kaur Grewal

President – College Magazine

Head – Deptt. of Applied Sciences

EDITORIAL BOARD

TEACHER EDITORS



Prof. Puneet Narang (App. Sci.)
English Section



Dr. Amandeep Kaur Sohal (CSE)
Technical Section



Prof. Lakhvir Singh Khana (ME)
Punjabi Section



Prof. Priti Aggarwal (CSE)
Hindi Section

STUDENT EDITORS



Sahib Sehgal
(CRN: 2014068)
English Section



Prabhdeep Kaur
(CRN: 2015105)
Technical Section



Gurashish Singh
(CRN: 1915022)
Punjabi Section



Navnit Kumar
(CRN: 1915101)
Hindi Section

STUDENT DESIGNERS



Ekuspreet Singh
(CRN: 2115043)



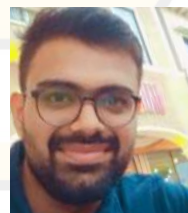
Chandanbir Singh
(CRN: 2115029)



Harsimran Singh
(CRN: 2115063)



Inderpreet Singh
(CRN: 2115064)



Chaitanya Arora
(CRN: 2215027)



Sangam Arora
(CRN: 2115127)

STUDENT COUNCIL

1. Sarabjeet Kaur (CRN: 1914099), 4th Year CE & Convener – Association of Civil Engineer Students (ACES)
2. Amitoj Singh (CRN: 2014006), 3rd Year CE
3. Guransh Singh (CRN: 2114017), 2nd Year CE
4. Komal Devi (CRN: 2214069), 1st Year CE
5. Gurleen Kaur (CRN: 1915027), 4th Year CSE
6. Guneet Kaur (CRN: 2015101), 3rd Year CSE
7. Sangam Arora (CRN: 2115127), 2nd Year CSE
8. Jasmine Kaur (CRN: 2215083), 1st Year CSE
9. Ayush Tripathi (CRN: 1917094), 4th Year ECE
10. Monisha Nandrayog (CRN: 2017045), 3rd Year ECE
11. Amanpreet Kaur (CRN: 2117007), 2nd Year ECE
12. Jatin Khajuria (CRN: 1916035), 4th Year EE
13. Apaldeep Singh (CRN: 2016007), 3rd Year EE
14. Shelly Madaan (CRN: 2116053), 2nd Year EE
15. Deepak Dugal (CRN: 2216013), 1st Year EE
16. Lokesh Dhingra (CRN: 1921061), 4th Year IT
17. Ravleen Kaur (CRN: 2021098), 3rd Year IT
18. Arshpreet Singh (CRN: 2121021), 2nd Year IT
19. Avleen Kaur (CRN: 2221027), 1st Year IT
20. Jaspreet Kaur (CRN: 1930083), 4th Year ME
21. Anirudh Verma (CRN: 2030009), 3rd Year ME
22. Keeratjot Singh (CRN: 2130059), 2nd Year ME
23. Sameer Singh (CRN: 2230091), 1st Year ME
24. Inderjeet Singh Matharoo (CRN: 1931004), 4th Year PE
25. Hargun Singh (CRN: 2032007), 3rd Year PE
26. Aprajikta Kumari (CRN: 2129004), 2nd Year MCA
27. Sukhpreet Kaur (CRN: 2229019), 1st Year MCA
28. Shreya (CRN: 2091028), 3rd Year BCA
29. Manan Dhiman (CRN: 2191032), 2nd Year BCA
30. Chetan Kashyap (CRN: 2291011), 1st Year BCA
31. Bhawna (CRN: 2128002), 2nd Year MBA
32. Ajaypartap Singh (CRN: 2228002), 1st Year MBA
33. Sneha Chakarborty (CRN: 2196054), 2nd Year BBA
34. Jashanpreet Singh (CRN: 2296029), 1st Year BBA
35. Shiv Pratap Dubey (CRN: 1915105), 4th Year CE, Convener – Indian Society for Technical Education (ISTE)
36. Sahil Butola (CRN: 1915065), 4th Year CSE, Convener – Student Chapter Institute of Engineers (India)
37. Rehan Dhir (CRN: 1930140), 4th Year ME, Convener – Association of Mechanical and Production Engineers (AMPE)
38. Agam Singh Batra (CRN: 2030005), 3rd Year ME, Convener – Society for Automotive Engineers (SAE) & American Society of Mechanical Engineers (ASME).
39. Karanvir Singh (CRN:), 3rd Year EE, Convener – Electrical Engineers Student and Staff (E2S2)
40. Harshit Singh (CRN:), 4th Year ECE, Convener – Institution of Electronics and Telecommunication Engineers (IETE)
41. Manjot Singh (CRN:), 3rd Year CSE, Convener – Computer Society of India (CSI)
42. Harmanmeet Singh (CRN:), 2nd Year MBA, Convener – Parwaz Club
43. Manjot Singh (CRN:), 4th Year IT, Convener – ITIAN Club



TRAINING & PLACEMENT CELL

The goal of Training & Placement Cell is to provide students with a platform for using their potential to gain valuable experience by working in industry.



TRAINING

The cell arranges training for students in industries for 6 weeks at the end of 4th Semester and for 6 months in 7th or 8th Semester. All the Engineering Department students undergo minimum 12 weeks for industrial training and minimum 6 weeks for software training for this 6 months of training.



PLACEMENTS

All the reputed organizations including MNCs come to the College for campus recruitment. To achieve its goal, the Training & Placement Cell works towards recognizing the core competencies of students.



ADDITIONAL ACTIVITIES

In addition to the above-mentioned activities, the cell arranges expert lectures of Corporate Managers in both Technical and HRD streams for the students and faculty of the Institute. There are various Workshops and Seminars organised for the benefit of students regarding the latest trend and technology in the industry.

GNE'S PLACEMENT PARTNERS



TESTING & CONSULTANCY CELL

The college encourages faculty and students to gain real-world experience by undertaking industrial consultancy assignments and passing on their skills to others. To facilitate this, the Testing & Consultancy Cell was established in 1979, offering a wide range of services to anyone seeking solutions to engineering problems. These services include architectural planning and design, cause-and-remedy studies, contract research, testing of products and materials, technical and energy audits, and many others. The goal of the cell is to ensure compliance while facilitating research and consultancy. as a dedicated single-window solution for external agencies and industries to receive almost any type of solution for any division of engineering and technology.



Science & Technology Entrepreneurs' Park (S.T.E.P.)



Science and Technology Entrepreneurs' Park (STEP) is a government-sponsored institution in Ludhiana, Punjab, that encourages entrepreneurship among science and technology professionals. Established in 1987, STEP provides built-up spaces with necessary utilities for start-up ventures. It conducts entrepreneurship awareness camps and skill upgradation programs, including training over 620 individuals to date. STEP also offers facilities for IT entrepreneurs in its Knowledge Park and runs a software and web development consultancy center. Services include web designing, development, hosting, software development, SEO, application development, e-commerce websites, ERP solutions, and content development. STEP's professional approach and time-bound commitments have enabled the successful development of high-tech products and skilled manpower.



DEPARTMENT OF SPORTS

The campus intramural sports component strives to provide a variety of opportunities that contribute to and promote the six dimensions of wellness: physical, emotional, social, spiritual, intellectual and environmental. The sports department views its interactions with students through physical education programmes which help them to discover, develop and test their skills to create a positive change.



HARMONY 2023
(Celebrating 67 Years of Excellence)

COLLEGE
SOCIETIES/
COMMITTEES



National Cadet Corps (NCC)

Guru Nanak Dev Engineering College, Ludhiana, besides being a premium college for engineering studies, is also a training ground for cadets of NATIONAL CADET CORPS. The RAGDA makes the cadet stronger and sparks his/her inner strength. The senior always tries to bring cadets out of their comfort zone so that they can grow a step every day. Also, PI (P.T. instructor) and ANO visit the ground regularly to ensure the proper functioning of the drill parades. They interact and solve the problems of cadets.



National Service Scheme (NSS)



NSS plays a vital role in academic expansion. The spirit of selfless service is inculcated among the students and NSS Programme officers through sustained community interactions. It is said that "SERVICE TO MAN IS SERVICE TO GOD". NSS provides opportunities for preparing the students for commitment in the service of community and ultimately service to god. The ideological orientation of the NSS is inspired by the ideals of Mahatma Gandhi. Very appropriately, the motto of NSS is "NOT ME, BUT YOU".

INDIAN SOCIETY FOR TECHNICAL EDUCATION



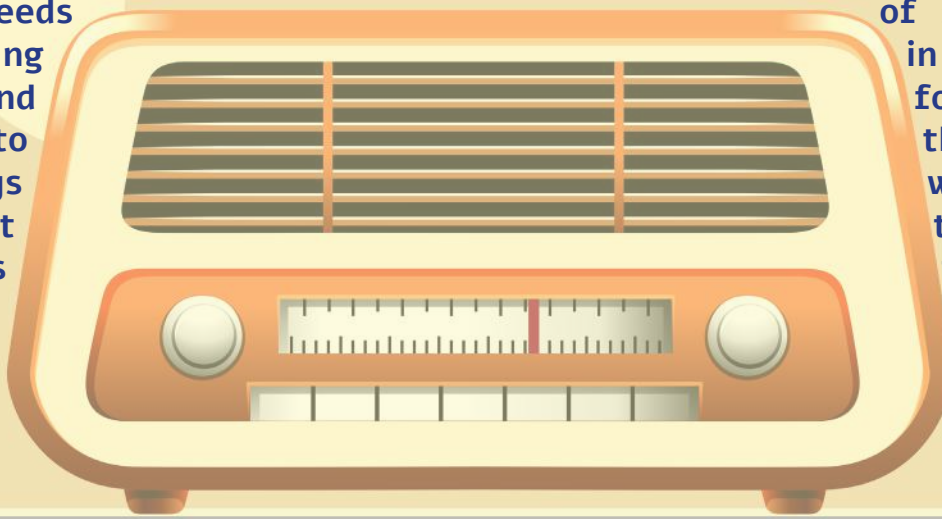
The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. The major objective of the ISTE is to provide quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organisations.



90.8 MHz F.M. COMMUNITY RADIO STATION



The 90.8 FM Community Radio Station of Guru Nanak Dev Engineering College, Ludhiana is an effort to serve society by broadcasting programs pertinent to education, information, entertainment, recreation, public affairs, culture, career guidance sports, etc. FMCRS is a short-range (30km Radius), not-for-profit radio station or channel that caters to the information needs of students of GNE in Ludhiana city, in formats that are most adapted to the local context. FMCRS always welcomes the guests who want to be vocal about their thoughts with the outer world. We've been very privileged to interview a lot of eminent personalities.



CENTER FOR MULTI-FACETED LEARNING



The Centre of Multi-Faceted Learning (CML) at Guru Nanak Dev Engineering College, Ludhiana provides a platform for students to develop their skills beyond academic programmes. CML offers a wide range of activities and events, including workshops, seminars, competitions, and volunteer opportunities, aimed at fostering holistic development and ethical expertise. In addition, CML provides training for competitive exams, guidance for government exams like UPSC, and capsule courses for joining the armed forces. The society is modern and duly updated with the upcoming technological and career advancements for the upcoming generation. With a team of dedicated and hard-working members and respected faculty, CML continues to strive towards growth and improvement. CML's focus on multi-faceted learning and interpersonal skills creates a purposeful and confident life for graduates, preparing them for success in their future careers.



STUDENT'S CHAPTER OF INSTITUTION OF ENGINEERS



S.C.I.E. is one of the oldest Student Organizations of the esteemed and renowned College - Guru Nanak Dev Engineering College, Ludhiana. Founded in 1969 as STC- Students Technician Chapter, & now affiliated to I.E. (I) [Institution of Engineers (India), Kolkata], the student organization has evolved over the years to be known as S.C.I.E. (Students' Chapter of Institution of Engineers) today.

The sole aim of the organization is to harness the talents of students & shape them up, mould them into competent personalities, by keeping an eye on their overall development which is of utmost necessity along with their studies. S.C.I.E. adheres to the College Vision, of grooming the students to make them, both, technically as well as intellectually competent. The Society serves the purpose of providing students with a platform to channelize their potentials along technical as well as intellectual lines.

CULTURAL COMMITTEE



The Cultural Committee of GNDEC is responsible for organizing various cultural events within and outside the college, including the biggest cultural fest called Anand Utsav. The committee comprises enthusiastic students who plan and execute events like dance, music, and drama competitions. They ensure that every event is unique and engaging, bringing their creativity and ideas to the table. The committee members learn valuable skills like teamwork, leadership, communication, and time management. They also manage the participation of GNDEC in various youth festivals and bring home awards and accolades. The committee provides a platform for students to showcase their talent and fosters a sense of unity and camaraderie among them. The Cultural Committee is a crucial part of GNDEC and will continue to inspire and nurture young minds in the future.



(INTER-ZONAL YOUTH FESTIVAL)



www.ptu.ac.in



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HARMONY 2023
(Celebrating 67 Years of Excellence)

DEPARTMENT
SOCIETIES/
CLUBS



ASSOCIATION OF CIVIL ENGG. STUDENTS



The Association of Civil Engineering Students (ACES) is a student-run organization at Guru Nanak Dev Engineering College that aims to develop students' skills through curricular and extracurricular activities. They organize training programs, seminars, and competitions to improve students' technical skills and empower their minds.



DATA SCIENCE CLUB



The Data Science Club at Guru Nanak Dev Engineering College offers workshops, seminars, quizzes, hackathons, and guest lectures to enhance technical skills in data science and related technologies. It provides opportunities to interact with industry/academic experts and rewards best performers/organizers.

COMPUTER SOCIETY OF INDIA



The Computer Society of India (CSI) is the most prestigious professional association of Computer Science and IT professionals in India. The purposes of the society are scientific and educational, directed towards the advancement of the theory and practice of Computer Science and IT. CSI provides benefits of knowledge sharing, publications, conferences to its members.



IETE



IETE has a number of student members and aims to increase awareness among electronics/telecom/computer/IT students in India. It plans to establish IETE Students Forum in 600 engineering colleges, 190 universities, and 750 polytechnics to improve education standards, provide counseling, encourage practical work, increase employment opportunities, and membership.

ELECTRICAL ENGG. STUDENT'S SOCIETY



The Electrical Engineering Students Society (E2S2) is a departmental society that provides students with opportunities to develop their interpersonal and administrative, creative, and leadership experience.

ITIAN CLUB



The ITian Club aims to enhance students' communication, interpersonal, and problem-solving skills, along with their personalities, and bring out their hidden talents. It seeks to create industry leaders, not just graduates, and provide a unique learning experience for students to become true professionals.



ACM



The ACM is a US-based international computing society founded in 1947. It is the largest scientific and educational computing organization with a focus on promoting computer science through workshops, competitions, and networking events for students.



SOCIETY OF AUTOMOTIVE ENGINEERS



The Society of Automotive Engineers Collegiate Club is a self-sustaining technical body that provides knowledge dissemination and skill development for mobility professionals. With a majority of members being mechanical engineers, they promote industry-institute interaction and offer quality learning to address problems in industrial and rural sectors.



ISHRAE



Indian Society & Heating, Refrigeration Air Conditioning Engineers (ISHRAE) is a group of eminent HVAC&R professionals. The main objective of ISHRAE is to promote the areas in the field of HVAC&R. The society educates the members in the social science through lectures, workshops, exhibition and publications.

CAUSMIC CLUB



Causmic Club at Guru Nanak Dev Engineering College in Ludhiana is a science club focused on encouraging scientific thinking, curiosity, and critical thinking among students. They aim to explore the physical essence of everything, promoting a community of innovators from all departments.



LIVE WIRE CLUB



Live Wire Club under the Dpt. Of Applied Sciences, initiated in 2022 turned out to be a great success as it's main agenda was to highlight and showcase the talent of every deserving candidate by providing them with a platform. We have conducted several outreach events. We believe that team effort turns out to be quite inspiring when executed with proper strategy.

ENGLISH CLUB



The English Club initiated by Department of Applied Sciences, GNE has been quite active since its foundation. It is exclusively dedicated for practical implementation of English Literacy in the surrounding world. Here, we take learning beyond the classrooms. Our main agenda lies in enforcing the skills required to outshine in any situation.



HARMONY 2023
(Celebrating 67 Years of Excellence)

**COLLEGE
EVENTS/
ACTIVITIES**



ਅਨੰਦ ਉਤਸਵ 2023

(DEDICATED TO SHUBHDEEP SINGH SIDHU,
LOVINGLY KNOWN AS SIDHU MOOSEWALA)

Guru Nanak Dev Engineering College held its annual cultural fest 'Anand Utsav' on 16th and 17th March, 2023, dedicated to alumnus Shubhdeep Singh Sidhu, popularly known as Sidhu Moosewala. The event was inaugurated by chief guests S. Balkaur Singh Sidhu and S. Charan Kaur (parents of Shubhdeep Singh), accompanied by S. Simranjot Singh Makkar. Sidhu's parents were welcomed with warmth and love, and they shared their emotions with the students. Sidhu's father remembered the time when his son was pursuing his degree from the college and shared lyrics 'Ankhi ne Geet Jatt de Sirran ton naa Lauhnde Chunniyaan' from his song to emphasise how much respect he had for others. Sidhu's parents were presented with a project made by Sidhu during his time at the college, an electric car that was improved by mechanical engineering students. The event saw several competitions in dance, music, and fine arts. The winners included Taranpreet Kaur for solo dance, the electrical engineering department for group dance, the civil engineering department for folk dance, Jaspreet Kaur for light vocals, Lovepreet Singh for folk singing, and Payal for western singing. The computer science engineering department won the overall trophy, and the architecture department was the runner-up. The college's Bhangra team and theatre team entertained the crowd with their performances. The event concluded with a high-energy performance by singer Kanwar Grewal, who entertained the audience and concluded the event on a perfect note. The organising team for Anand Utsav was also honoured for their essential contribution to the fest.





TECHNO MELA 2023

Guru Nanak Dev Engineering College held its annual technical fest 'Technomela' on 16th and 17th March, 2023. Various technical and fun events were organised by different societies/clubs of the college. These events were sponsored by Bonn and LaPinoz Pizza. The events organised were as follows:

- SANRACHNA (ACES)
- SHARK CHEF (CML)
- TECHNO BUZZER (CSI)
- TECH WAR (90.8 MHz FMCRS)
- ICON INSIGHT (ITIAN CLUB)
- BUSINESS REALITY (SCIE)
- TECHNO PLOT (ACES)
- TAG IT (CML)
- KAUN BANEGA GYAAN KA SIKANDER? (90.8 MHz FMCRS)
- TEXPLORE (ISTE)
- BRAIN BUSTERS QUIZ (ITIAN CLUB)
- MEME MASTER (SCIE)
- GUSTO KNACK (IETE)
- AD-MAD POSTER (CSI)
- TREASURY DEAL (ISTE)



Passion **BLEEDS**

SPORTS

DAY 2023

The Sports Department of GNDEC, Ludhiana organized 62nd ANNUAL ATHLETICS MEET on 2nd & 3rd March 2023 during the session (2022-2023). S. Gurbir Singh Sandhu (OLYMPIAN) President GENCO Alumni Association inaugurated the meet. The closing and prize distribution ceremony was graced with the presence of Er. Sanjeev Prabhakar (Chief Engineer (Protection & Maintenance, PSPCL) and Guest of Honour, Mr. Harpreet Singh Sandhu (Addl. Sec. PSPCL) along with representatives of Alumnus of 1978 Batch of our college. In total, 750 students participated in various track and field events during the 2 days meet.

1. BEST ATHLETE (Girls): Anu Grewal (URN: 2104471)
2. BEST ATHLETE (Boys): Jaaspinder Singh (URN: 2004774)
3. 2nd BEST ATHLETE (Girls): Jaismeen Kaur Toor (URN: 1917583)
4. 2nd BEST ATHLETE (Boys): Som Raj (URN: 2004774)
5. Girls Inter-Branch Trophy was won by Electrical Engg. Deptt.
6. Boys Inter-Branch Trophy was won by Mechanical Engg. Deptt.
7. Anu Grewal (URN: 2104471) broke record of High Jump in the meet.





GNE'S APEX 2022

GNE'S APEX 2022 organised on 08-04-2022 was a part of 66th foundation day celebrations of 'Guru Nanak Dev Engineering College, Ludhiana'. The event was organised by the Applied Sciences Department of the college and it was solely managed by students of B.Tech. first year batch 2021. In this event students from 21 schools of the state participated in activities like 'Graffiti, Reel Formation, Colourful Expression, Poetry Composition & Recitation, Mime, G.K. Quiz, Sufi Singing, Young Entrepreneurs, Technovation'. Mr. Karan Bajwa, VP of GOOGLE CLOUD, ASIA PACIFIC REGION located in Singapore sponsored a major part of the event in memory of his late father Pf. S.S. Bajwa, who served in this institution. Students of the organising team were also able to get sponsorships from various companies and individuals like Airtel, Verka, Bonn, Bikano, Prabal TMT, Tata Tiscon etc. BCM Arya Model Sr. Sec. School, Shastri Nagar, Ludhiana was the overall winner in this event.





GNE'S ACME 2023

Causmic Club at Guru Nanak Dev Engineering College Ludhiana organised GNE'S ACME 2023, an inter-college multi-event competition on 14-03-2023. Students of 15 colleges from and around the city participated in competitive events like Ad-Mad Show, Science Quiz, Best Out of Waste, Flameless Cooking, Oral Presentation, Assumption's Advantage, Poster Making . Dr Sehijpal Singh, Principal GNDEC Ludhiana extended warm welcome to all participants and other esteemed guests. Mr Deepak Sharma Chanarthal was the chief guest of the day. He motivated students to feel proud of their mother tongue and asked them to promote Punjabi language along with learning other languages. He inspired them to always stay focused on their goals and to participate in such competitive events to learn leadership and team spirit qualities, which are must to excel in every field of life. Mr. Inderpal Singh, Director NSET, was also present on the occasion. He addressed the audience and stressed on the holistic growth of the students. BCM College of Education, Sector-32, Ludhiana was the overall winner in this event.



ACTIVITIES GALORE



FAST 'N' CURIOUS SCIENCE QUIZ ORGANISED BY CAUSMIC CLUB



THE SMARTIANS QUIZ ORGANISED BY SCIE



PUBLIC SPEAKING WORKSHOP ORGANISED BY ENGLISH CLUB



GAME ENGINEERS WORKSHOP ORGANISED BY CAUSMIC CLUB



TEACHER'S DAY CELEBRATIONS



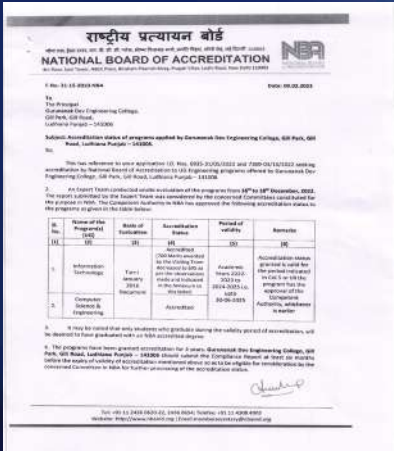
HARMONY 2023
(Celebrating 67 Years of Excellence)

ACHIEVEMENTS

COLLEGE'S ACHIEVEMENTS



We won Overall Winner Trophy, Literary Trophy & Music Trophy in I.K. Gujral Punjab Technical University Zonal Youth Festival- 2022 (Central Zone) organised at Gulzar Group of Institutes, Khanna.



In continuation of academic pursuit since 1956, our college has got another feather in its cap by receiving NBA Accreditation for ME, CE, CSE & IT (UG Programs) as well as NAAC Grade 'A' for the institute.



It's a matter of pride for our college to receive **Certificate of Excellence** in the Annual Green Rankings- 2023 conferred by Sustainable Institutions of India. Our college got **Grade 'A'** in this ranking and has been placed in the Gold Category.



TEACHERS' ACHIEVEMENTS

- **Dr. Amit Kamra (IT) and Dr. Pankaj Bhambri (IT)** received Indian Society for Technical Education (ISTE) Best Teacher award.
- **Pf. Sachin Bagga (IT)** got a badge as an AWS Academy Educator.
- **Pf. Preeti Pannu (ECE)** earned Elite and Topper certificate for NPTEL 4 week Course on Stress Management from July-Dec, 2022.
- **Pf. Gurjot Kaur Walia (ECE), Pf. Chahat Jain (ECE), Pf. Navneet Kaur (ECE)** won the Best Oral Presentation Award in AICTE Sponsored International Conference on Role of Artificial Intelligence and Sustainable Engineering in Driving Smart Cities, organised by Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh
- **Pf. Gurjot Kaur Walia (ECE), Pf. Navneet Kaur (ECE)** earned Elite and Topper certificate for NPTEL 4 week Courses on Leadership & Effective Writing from Jan-May, 2022.
- **Pf. Navneet Kaur (ECE)** was presented with the Top Performing Mentor certificate for NPTEL 4 week Course on Effective Writing from Jan-May, 2022.
- **Pf. Shivmanmeet Singh (ECE)** received certificate of appreciation from AICTE for validating the lectures of SWAYAM course 'Chemical Reaction Engineering-I' in Punjabi language.
- **Dr. Amit Jain (CSE)** received ISTE Best Teacher Award, awarded at ISTE Faculty Section Convention- 2022.
- **Dr. Raman Sehgal (ME)** received best teacher award from Institute of Engineers
- **Dr. Harwinder Singh (ME)** received the best teacher award from AICTE, New Delhi.
- **Prof. Sukhjeet Singh (ME)** received IEOM Society service award during first Indian Conference on Industrial Engineering and Operations Management by Industrial Engineering and Operations Management Society, USA
- **Dr. Arvind Dhingra (EE)** won Best Faculty Award, IISA, August, 2022.
- **Prof. Karan Bhalla (App. Sci.)** received Certificate of Excellence for excellent Performance in Novel Exploration in Research Writing organised by Chemistry Dept., PSNA College of Engineering and Technology, Dindigul.