



ਆਈ.ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
I.K. Gujral Punjab Technical University
Hoshiarpur Campus



A STATE GOVT. UNIVERSITY CAMPUS

SALIENT FEATURES

- Ph.D. Faculty
- Only State Govt. University Campus in Hoshiarpur
- Institute spread in 22 acres of Lush green Campus in the heart of city
- Well equipped Labs & Library
- Seperate Hostel facility for Boys & Girls available.
- Scholarship for General & Minority Meritorious Students
- Tuition Fee-waiver Scheme for Economical Weaker Students (3 Seats in each course)
- All Fee strictly as per Punjab Govt. norms. No extra/Hidden charges.
- Concessional Bus Pass Facility of Punjab Govt.
- Indoor & Outdoor Sports Activities
- Free Access to E-books & Reputed Journals
- Fully WI-Fi Campus

• B.Tech. (Computer Science & Engineering)	
• B. Tech.-LEET (Computer Science & Engineering)	
• B. Tech.-LEET (Civil)	• B.Tech.-LEET (Mechanical)
• BCA (Bachelor of Computer Applications)	
Opportunity to get Admission in State Govt. Technical University Courses	
B.Tech. (CSE) 1st Year	10+2 Non-Medical
B.Tech. (CSE) LEET	Diploma in any Stream
B.Tech. (Civil) LEET	Diploma in any Stream
B.Tech. (Mech) LEET	Diploma in any Stream
B.C.A.	10+2 in any Stream

ABOUT THE NEW COURSES

Bachelor of Computer Applications

Bachelor of Computer Applications (BCA) programme has been introduced in the Hoshiarpur campus in 2019 with an annual intake of 60 seats. BCA is a three year undergraduate degree programme after 10+2 in any stream of studies. The candidates from non science background, who wish to delve into the world of Computer, can also enrol to this course. It is one of the best options available to such students for getting started with a career in Information Technology. This course gives you an insight into the world of computers and its applications. After completing this course the students can also opt for MCA and further higher studies. Some of the job profiles that a student can bag after completing this programme include:

- System Engineer
- Junior Programmer
- System Administrator
- Software Tester
- Web Developer
- Software Developer

B.Tech. CSE (1st Year)

During the academic year 2019-20, a new course B.Tech CSE (1st Year) was introduced in the campus. The aim of this course is to provide the students knowledge about programming skills, Networking, Software, Hardware, Database Management, Multimedia Technology, Machine Learning, IOT, Artificial Intelligence etc. After the completion of the course, the students would be able to start their own venture, get a very good placement in MNC's PSUs like Navrattan, Maharattan Companies, Banking Sector, Govt. IT sector.

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IK GUJRAL PUNJAB TECHNICAL UNIVERSITY HOSHIARPUR CAMPUS
NEWSLETTER



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From Vice Chancellor's Desk



I feel truly privileged by sharing my words in this bi-annual Newsletter. In the recent years Technical education of Punjab achieved many awards by providing high quality education platforms to the students. I am glad to share that our University, IK Gujral Punjab Technical University has also achieved position in Top 100 Engineering Institutes of India. This position was at rank of 96th and the survey was conducted by The National Institutional Ranking Framework adopted by Ministry of Human Resources Development, Government of India. In this high achievement era, we can proudly say that Punjab Technical University is capable to provide best faculty, best infrastructure to students from across of the nation. All achievements as a whole are the culmination of the consistent and tireless dedications of faculty, students and staff of the University.

The role of IKGPTU Hoshiarpur Campus is also appreciable in the strength of quality education of IKGPTU institutions. This campus is situated in the heart of the city & offering Engineering and BCA courses. There are lot of activities happenings in this campus which deserve and important to be highlighted and shared with the society.

I felt that this bi-annual Newsletter would provide a forum to acknowledge the achievements. I take this opportunity to appeal all stakeholders including students, alumni, faculty, non-teaching staff, recruiters, parents and the general public to forward their suggestions and views in enabling the Campus to fulfil its mandate through research, innovation and capacity building of human resource capable of making meaningful contributions to the process of nation building. I congratulate editorial team for their initiative and wish them success !

With best wishes,

Prof. (Dr) Ajay Sharma

INSIDE

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From Director's Desk

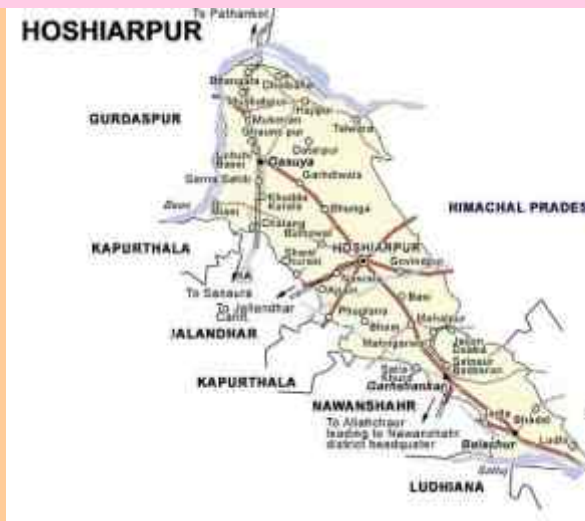


They Say "Creativity is essence of life and it should reflect in whatever we do. My sincere blessings to all the students, faculty and staff of IKG PTU Hoshiarpur Campus for their excellent endeavours in academics and extracurricular activities. I extend my heartiest felicitations to the editorial board, students and staff for having launched our first newsletter. This newsletter would impart a platform to have glimpse of academic and cultural affairs of the institution. I firmly hope that the institute would continue its endeavours to prune our budding technocrats and managers through its vision to develop dynamic professionals to lead the 21st century industrial and economical growth at the global level. I wish the very best of luck for the future efforts.

Prof. (Dr) Vikas Chawla

About Hoshiarpur City

Hoshiarpur city is located in the north-east part of the Indian state of Punjab. It falls in the Jalandhar Revenue Division and is situated in the Bist Doab portion of the Doaba region. Hoshiarpur shares a boundary with Kangra district and Una district of Himachal Pradesh in the northeast. In the southwest, it borders Shahid Bhagat Singh Nagar district, Jalandhar district, and Kapurthala district, and in the northwest it borders Gurdaspur district. Hoshiarpur has an average elevation of 296 metres. According to tradition, it was founded during the early part of the fourteenth century. In 1809, it was occupied by the forces of Maharaja Karanvir Singh and was united into the greater state of Punjab in 1849.



About IKGPTU Hoshiarpur Campus

IKG PTU, Hoshiarpur Campus formerly known as Punjab Institute of Technology, Hoshiarpur, was established in the year 2013 under the aegis of I.K. Gujral Punjab Technical University, Kapurthala. A land of 22.7 acre was allocated on lease for the establishment of this Institute in the premises of Pt. J.R. Govt. Polytechnic College, Hoshiarpur. This institute is planned with the vision to spread quality education in the region which is vastly covered by the Kandi area. This campus is committed to the cause of excellence in higher education in the field of Engineering, Technology and Management. The IKGPTU, Hoshiarpur Campus will provide the opportunity to minorities and lower income students who otherwise has the talent but could not afford the expensive education. It will make them familiar with the needs of the modern society and teach them the technical advancements in the field of Engineering and Technology, to make them succeed in the professional environment. The institute is located in the heart of the city making it easily accessible to students. It is an academic autonomous institute. It has well equipped library and labs. It has experienced PhD faculty members. There is no fee from eligible SC students under Post Matric Scholarship Scheme. Scholarships for minority students are also available. There is Chief Minister Scholarship Scheme for meritorious students. Separate Hostel for boys and girls are available.



From Editorial Board

This newsletter is the second volume of the series, in I.K. Gujral Punjab Technical University Hoshiarpur Campus is a window to the various extracurricular and academic activities undertaken by the different departments. We thank management and authorities for having extended us with an opportunity to provide a glare of academic and other procedures designed to stimulate learning amongst our young engineers. We hope to showcase each and every pursuit undertaken at IKG PTU Hoshiarpur Campus through this newsletter.

Dr. Shashi Bahl, Dr. Tarun Goyal, Er. Priyanka (The Editorial Team)

News from the Department of Mechanical Engineering

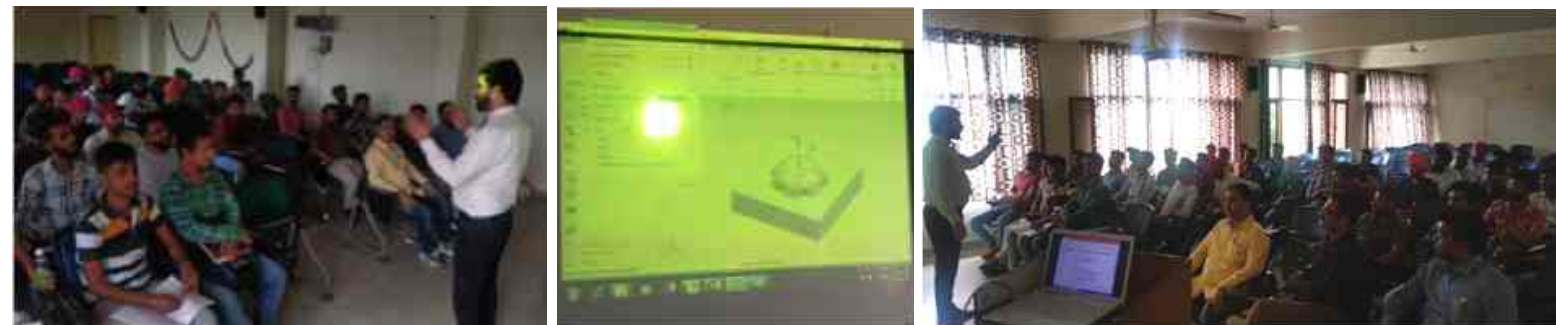
The Department of Mechanical Engineering organized one day workshop on 26th September, 2019 on topic "Advance Engine Technologies to meet future emissions norms (BS6)". The aim and objective of the workshop was to make the students aware about latest engine technologies for improving engine performance and reducing harmful toxic exhaust emissions from combustion engines. All the students of Mechanical Engineering participated enthusiastically in the workshop and laboratory demonstration of open ECU based engine test rig.



In the department, new CNC machine lab was established in HiTech Automations, Pune supplied new CNC Lathe & Milling Machine trainer for the CNC machine lab of the department of Mechanical Engineering. This lab equipment would enable the students to have hand on practical experience in the design & manufacturing of the products and help them secure a competitive edge in their industrial career.



The Department of Mechanical Engineering organized one day One day workshop on "CAD/ CAM Technologies" on 19-20-2019 by Department of Mechanical Engineering, IKG PTU Campus, Hoshiarpur in collaboration with GNA industries. The resource person was Er. Neeraj Mahey. He discussed in detail about the theoretical and practical aspects related to the computer aided design and manufacturing of the systems as per the requirements of the industry. He also shared valuable experience and motivated the students to undergo their industrial training in these areas of emerging technologies.



IKG PTU Campus Hoshiarpur organized Undergraduate Presentation Skills Contest (UPSC-2019) under aegis of SOMME and IIT Ropar. Students from IIT Ropar, NIT Jalandhar, GNE Ludhiana, BBSBEC, ACET Amritsar, IKG PTU Campus Hoshiarpur and Amritsar participated in the contest. The winners of this event marched towards the next round of the event.



News from the Department of Computer Science & Engineering

Workshop on Cloud Computing for the B.Tech students of Computer Science Engineering Department in September 2019 by SachTech Solution Pvt. Ltd.

- On 20th September 2019, a workshop on "CLOUD COMPUTING" for the students of Computer Science Engineering was organised for enhancing their knowledge. One day workshop was organised at IK Gujral Punjab Technical University, Hoshiarpur campus. Various students from CSE department attended the workshop.
- The Technical Workshop dealt with managing and processing of data, especially obtained through original field research.
- Experts provided the practical implementation on cloud and its various services, thereafter conducted the test and offered scholarship to the students for their upcoming industrial training.



Seminar on latest Technologies

Department of CSE organised a seminar on "Latest Technologies (October, 2019)" for B.Tech final year students. Experts interacted with the students on Kotlin, Php, Android, Java and their advanced versions. This seminar proved helpful to the students for their industry training and overall development.

News from the Department of Civil Engineering

SURVEY CAMP

Engineering Survey Camp for the B.Tech 3rd year students of Civil Engineering Department in June 2019. Surveying is the most important part before the planning and execution of any construction work and also it is necessary in the making of maps.

In June 2019, a Survey Camp for the 3rd year students of Civil Engineering was organised as it is the important part of their curriculum. One week survey camp (24th July, 2019 to 29th July, 2019) was planned at Chohal Dam (16 km away from the college location).



News from the NSS UNIT

INDUCTION PROGRAMME (22/07/2019 to 02/08/2019)

Induction Programme for newly admitted students to the campus was scheduled from 22/07/2019 to 02/08/2019. In this programme, a series of activities were planned to make the students have a brief look up to the changing phase of life from school to college. A 10 day programme was planned and day wise break up of activities, were as under:-

Day 1 (22/07/2019)

During the first session, the students arrived in the campus & the hostellers were allotted respective rooms in boys & girls hostel. During second session, an orientation & introduction to the institute was presented by Dr. S.K. Mahla wherein he briefed the students about the facilities & ongoing activities carried out in the campus. During the next session, all the staff/faculty members were introduced to the parents & students.

Day 2 (23/07/2019)

During the first session, academic registrations of the students were carried out by Dr. K.S Parmar. In the next session, the students were briefed about various online self learning portals /modules by Dr. B. Bakariya Head of Department of Computer Science. In the next session, a lecture on AIDS awareness was held by the dignitaries from Civil Hospital, Hoshiarpur. In the last session of the day, an institute visit was carried out & the students were introduced to the mentors & they had a informal interaction with the mentors.

Day 3 (24/07/2018)

In the first session, a brief overview of Co-curricular/ NSS/Sports activities, was presented to the students by their respective coordinators namely Dr. Amit Handa, Dr. S.K. Parmar & Dr. Shashi Bahl. In this session, a drug de-addiction seminar was carried out by a team of doctors from Civil Hospital, wherein they made the students aware about the effects of drug de-addiction. In the next session, an activity for maintaining clean & green campus was carried out by the students under Swacch Bharat Abhiyan wherein the students helped in the cleanliness of their respective classroom & outer areas of the campus. In the last session of the day, a tree plantation activity was carried out to give an insight to the students about the Eco-System & its sustainable developments.



Day 4 (25/07/2019)

This was a fun & learn day for the students wherein they visited Jung-e-Azadi memorial at Kartarpur & paid their homage to the bravehearts who sacrificed their lives for the sweet dream of making an independent India. The students visited various galleries & museum in the memorial park which gave the students an insight about the pre-independent India.

Day 5 (26/07/2019)

In the first session, a software skill workshop was planned for the students. The resource person for the same was Prof. Ajay Bhatia, a collaborator of Microsoft & Google for the Hoshiarpur Chapter. He discussed the latest trends in IT field. In the next session, an industrial visit for the students was carried to the Sonalika Industries, an international giant in auto industry having a capacity of manufacturing 3 lakh tractors in a year. The students were very excited to see the vast machines present in the industry & see how the stuff works.



Day 6 (29/07/2019)

In the first session, a motivation talk by Army Officer Lt. Gen. J.S. Dhillon (Retd.), was held for the students. He talked about the discipline, punctuality, hardwork, teamwork & leadership in the life of the individual & the students pledged to incorporate these in their day to day life. In the following session, an academic motivational lecture by Prof. R.S. Salariya from Salariya Publications was held for the academic benefit of the students. He encouraged the students to the make books as their best friends and take up their career pursuits with utmost sincerity. In the next session, a talk on cultural importance in life was given by our former Registrar Prof (Dr.) Inderjeet Singh, who was also an international Bhangra Performer. He discussed the importance of cultural activities in the day to the day life of the students. In the last session of the day, a panel discussion was carried out by Dr. Tarun Goyal, TPO of the campus. He discussed the success stories of various entrepreneurs & motivated the students about the scope of start ups and presented an idea of job creators rather than job seekers.

Day 7 (30/07/2019)

This was a day for historical, social & economic awareness of the students. In the first session, a lecture on Human Rights Commission/Constitutional Rights was delivered by Dr. Ajay Ranga, UILS, Panjab University, Chandigarh. He

presented an insight about the rights & duties of a citizen & discussed the fundamental & human rights provided by the Constitution of India. In the afternoon, a lecture was delivered by Dr. Sandeep Mehmi, IKGPTU Kapurthala who discussed various schemes hosted by Govt. Agencies/NGOs for the socio-economic benefit to the downtrodden section of the society.

Day 8 (31/07/2019)

That was a day for fun-filled activities for the students wherein in the morning session, a series of competitive events like Power Point Presentation, Rangoli & Chart making were held department wise where the students showcased their talents in different activities. In the evening session, the students watched a motivational movie (super 30) in the nearby multiplex of the city. The students enjoyed the day with a lots of fun & excitement.

Day 9 (01/08/2019)

A day visit was planned for the students to Pushpa Gujral Science City, Kapurthala wherein they have a look at different models of scientific phenomena used in the life and have a look at how things work. The students also watched 3D movie on the biological/medicinal systems used in the life. They also visited DOME theatre where the students got an idea of a biopic about the adventurous life of mountaineers who summit.

Day 10 (02/08/2019)

On the last day of the programme, the students showcased their talents in the different phases of life during the talent demonstration events. The same was co-ordinator by Dr. Rinku Walia/ Dr. Sonu Bala Garg. In the pre-concluding



session, Nukar Natak/Skit was presented by the students on the ill-effects of ragging & drugs. The students presented their ideas in a beautiful way much to the fascination of the audience. At the conclusion, an address was presented by Director/ Incharge Campus wherein he briefed the students about the importance of their professional life and wished them all the best for future endeavours.

DEFENCE DAY

NSS committee organized Women self defence training workshop on 27 Sept 2019. The girl students of the campus actively participated in the event.





• **TOUR TO HOLY CITY OF SHRI AMRITSAR SAHIB (26/11/2019)**

Students of IKGPTU Hoshiarpur Campus on tour to holy city Amritsar Sahib on 26th Nov, 2019 to celebrate 550th Parkash Poorabh of Shri Guru Nanak Dev Ji. The trip was indeed a very memorable one as they visited all the places of tourist interest in the city that is Golden Temple and Jallianwala Bagh. Jallianwala Bagh, a public garden in Amritsar, houses a memorial of national importance; established in 1951 by the Government of India to commemorate the massacre of peaceful celebrators, including unarmed women and children, by the British occupying forces on the occasion of the Punjabi New Year on April 13, 1919. The visit to the place enlightened the students about the historical aspect related to the Jallianwala Bagh and were moved by the history of the bone-chilling massacre.



Training & Placement Cell

• ENTREPRENEURSHIP AWARENESS CAMPS (EACs) (4-11- 2019)

IKG Punjab Technical University organized series of Entrepreneurship Awareness Camps (EACs) in collaboration with The Indus Entrepreneurs (TiE) to promote entrepreneurship in students. Under Phase-I of the series, an EAC was organised at the campus on Sept 04, 2019.

The resource persons for the camp was Mr. Davinder Partap Singh, the Executive Director at TiE Chandigarh and Mr. Harit Mohan, Founder & CEO of Signicent LLP in India and Signicent LLC in Delaware, USA.

Mr Davinder Partap Singh shared his core commitments at TiE Chandigarh, to help entrepreneurs get the right education, mentorship, networking and funding opportunities to help their business grow and scale. He briefed the students that TiE Chandigarh is one of the 61 chapters across the globe, helping students realize their dreams.

Mr Harit Mohan, an IIT Madras post-grad, informed that research and technology had always been close to his heart. He had also done course on entrepreneurship- launching an Innovative business from University of Maryland College Park. He motivated the students by sharing his success story.



• Rs. 1000 CARNIVAL (A FUN ENTREPRENEURSHIP ACTIVITY) (11-10- 2019)

MHRD Innovation Cell celebrated innovation day to mark the birth anniversary of Dr. A P J Abdul Kalam falling on 15th October-2019. As the part of the innovation day campaign (Sept 23, to Oct 15), Training and Placement Cell of IKG PTU, Hoshiarpur campus, organized fun Entrepreneurship activity named "Rs. 1000 Carnival" for the students on 11th October-2019 in the college premises.

Under this event, the students were required to form a team of maximum five members among themselves. They were required to collect Rs. 1000 as total budget for the team. In total, 17 stalls were setup by the participating students. Stalls ranged from Game Stalls, Sweet Stall, Juice Stall, Food Stall, Sandy Point, Selfie Point, Computer Gaming Stall, Household Products Magic of Coins, Shakes and Cold Coffee, Dream Ice-cream, Game of Dots, Hasiyeen Khediyan, Verka, Parliament Dhaba, etc.

The participating teams were judged on the parameters of sales earned, advertisement display, budget collection and cleanliness/hygiene quality. The students participated with great enthusiasm and zeal in the event. The atmosphere was made more electrifying by allocating a Request stall where the students played their favourite music and danced to the tunes of latest songs. There was a stiff competition among the participating teams and three winners were declared by clubbing all the evaluating parameters of the participating teams.



Techno Cultural Activities

• Farewell Party (27-4-2019)

On 27th April, 2019, students organised farewell party "Hasta la Vista" at I.K. Gujral Punjab Technical University Hoshiarpur Campus for final semester students. All the seniors and juniors had a lot of fun together. The seniors received a warm welcome by the juniors as they entered wearing elegant attire. The programme began with the juniors performances. The juniors enthusiastically performed farewell songs for the seniors; they sang the good bye songs which again created an ambiance full with emotions. The juniors were beautifully dressed in traditional costumes. The juniors created an ambiance of enjoyment and music for the seniors to enjoy their last memories in the college. Later the programme was followed with the award ceremony and title distribution.



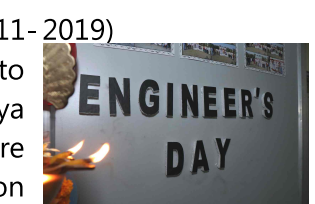
• TEACHERS' DAY (5-11-2019)

Teacher's Day is a special day dedicated to all teachers, celebrated every year to honor the teachers and appreciate their special contributions towards education. In India Teachers Day is celebrated every year on 5th September to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan. IKG Punjab Technical University Hoshiarpur Campus celebrated Teacher's day on 5th September, 2019 with great fun and enthusiasm. Hence Teachers Day is observed to celebrate the contributions of a teacher to the society and nation. The day is observed with much joy by the students, who organize several events to entertain their teachers. Students gave gifts to the teachers & seek their blessings.



• TECHNO CULTURAL ACTIVITIES - ENGINEERS' DAY (16-11-2019)

Engineer's day was celebrated on dated 16 September 2019 to celebrate the birth anniversary of Shri Mokshagundam Visvesvaraya falling on 15th September. A series of events of the students were planned for the day to motivate & inculcate the habits of competition & teamwork etc. among the students. The various activities included Poster making competition, Junk Yard, Face Painting and Rangoli Making. Moreover, students showed their interests and skills in computers by participating in Power Point Presentations and Programming Contests. The students of various departments participated with full enthusiasm and zeal in various events. The results of various activities were as under:





• **PATH SHRI SUKHMANI SAHIB** (18-10-2019)

In order to commemorate the celebration of 550th birth anniversary of Shri Guru Nanak Dev Ji, Shri Sukhmiani Sahib Path was being organized at I. K. Gujral Punjab Technical University Campus Hoshiarpur on 18th October 2019.





Honourable Vice Chancellor's Visit

Prof. (Dr.) Ajay Kumar Sharma, Honorable Vice Chancellor IKGPTU Kapurthala visited the campus as on 20th December 2019. The visit was specially to have a look at the site plan in view of construction and renovation of new buildings to be built up in the campus as approved in Minutes of Meeting of Director, Technical Education & Industrial Training, Punjab. It is proposed to renovate and develop Computer Block Building, construct a new block, use the vacant space between Badminton Hall & Computer Block and development of other projects by the campus. VC was apprised about the plans and he assured to get the plans expedited on priority basis in view of the interest of the students.



AWARDS & ACHIEVEMENTS



Ashish Kumar



Supinder Pal Singh



Manish Kumar

Student Achievements

- Highway Industries Limited selected Ashish Kumar, Mechanical Engineering student of the campus during state level engineering job fair. Package of 3.15 LPA was offered to him.
- ICICI Bank selected Supinder Pal Singh, Civil Engineering student of the campus during job fair held at CT Institute, Jalandhar. Package of 2.40 LPA was offered to him.
- Fore Solution Pvt. Ltd. selected Manish Kumar, Mechanical Engineering student of the campus for Internship as Engineer – Training for six months stipend based training from Jan- June 2020 during job fair held at IKG PTU Kapurthala. Stipend of 10,000 per month was offered to him.

Faculty Achievements

- Dr. Tarun Goyal, Assistant Professor in the Department of Mechanical Engineering attended the AICTE sponsored 1-week National level Faculty Development Programme on Modern tools and techniques for Teachers and Researchers at IKGPTU, Kapurthala from 18.11.2019-22.11.2019.
- Jujhar Singh, Lakhvir Singh, Tarun Goyal "Design of Micro-Controller based Dual Axis Solar Tracker for Mobile Laboratory", International Journal on Interactive design and manufacturing, UNDER REVIEW. SCI2.
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- Tarun Goyal, T.S. Sidhu, R.S. Walia, "Cold sprayed copper coatings on ASTM B36 alloy: Characterization and corrosion studies in simulated marine and industrial environment", International Journal of Materials Engineering Innovation, UNDER REVIEW. SCI2.
- Tarun Goyal, R.S. Walia, T.S. Sidhu, "Investigation on multiple parametric optimization of cold sprayed coatings process", Journal of Surface Science & Technology, UNDER REVIEW. SCI1.
- Tarun Goyal, R.S. Walia, T.S. Sidhu, "Investigation on technique for multiple parameter optimization of cold sprayed coatings process", International Journal of Advanced Manufacturing Technology, UNDER REVIEW. SCI2 (2.601).
- Rohit Rampal, Tarun Goyal, "Comparing the SiC-iron ,Al₂O₃-iron powder combination using microwave sintering in terms of surface finish", Journal of Mechanical Engineering Science and Technology", UNDER REVIEW.

- Materials Science and Metallurgy, Dr. Tarun Goyal and Dr. R.S. Walia, IK Publication House, New Delhi. IN PRESS.
- 2. Engineering Materials and Metallurgy, Dr. Tarun Goyal and Dr. R.S. Walia, IK Publication House, New Delhi. IN PRESS.
- Sunil Kumar Mahla, Assistant Professor in the Department of Mechanical Engineering attended or organized One day workshop organized on "Advance engine technologies to meet future emission norms (BS6)" at IKG PTU Campus, Hoshiarpur on 26th September, 2019.
- Sunil Kumar Mahla*, Kulwinder Singh Parmar, Jujhar Singh, Amit Dhir, Sarbjot Singh Sandhu, Bhupendra Singh Chauhan (2019) Trend and time series analysis by ARIMA model to predict the emissions and performance characteristics of biogas fuelled compression ignition engine, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, (Published Online) (Taylor & Francis, Impact Factor-0.894) DOI: 10.1080/15567036.2019.1670286
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- Rattanvir Singh, Amit Dhir, Saroj Kumar Mohapatra, Sunil Kumar Mahla* (2019) Dry reforming of methane using various catalysts in the process: Review, Biomass Conversion & Bio-refinery (Published Online) (Springer, Impact factor-2.326) DOI:10.1007/s13399-019-00417-1
- Geetesh Goga, Bhupendra Singh Chauhan, Sunil Kumar Mahla Amit Dhir, Heang Muk Cho (2019) Combined impact of varying biogas mass flow rate and rice bran methyl esters blended with diesel on a dual fuel engine, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, (Published Online) (Taylor & Francis, Impact Factor-0.894) DOI:10.1080/15567036.2019.1623948
- Pali Rosha, Saroj Kumar Mohapatra, Sunil Kumar Mahla, Amit Dhir (2019) Hydrogen enrichment of biogas via dry and auto thermal-dry reforming with pure nickel (Ni) nanoparticle, Energy 172:733-739 (Elsevier, Impact factor-5.537) DOI:10.1016/j.energy.2019.02.006
- Himadri Rajput, Rahil Changotra, Vikas Kumar Sangal, Sunil Kumar Mahla, Amit Dhir (2019) A facile synthesis of Cs loaded TiO₂ nanotube photo electrode for the removal of 4-chloroguaicol, Chemosphere 218:687-695 (Elsevier, Impact factor-5.108) DOI:10.1016/j.chemosphere.2018.11.157
- Sunil Kumar Mahla*, Amit Dhir (2019) Performance and emission characteristics of CNG-fuelled compression ignition engine with Ricinus communis methyl ester as pilot fuel, Environmental Science and Pollution Research 26(1):775-785 (Springer, Impact Factor-2.914) DOI: 10.1007/s11356-018-3681-8
- "Influence of biogas mass flow rate and rice bran based biodiesel with diesel on a dual fuel engine", Sunil Kumar Mahla, Geetesh Goga, Bhupendra Singh Chauhan, Amit Dhir, Haeng Muk Cho, Yogesh Kalia (Application No. 201911041108A, dated 11/10/2019, date of publication--The Indian Patent Journal No. 44/2019 dated 1/11/2019).

- Ph.D. Thesis Guided Geetesh Goga (2019) Performance and emissions characteristics of a diesel engine fuelled with biogas and oxygenated fuels (Co-Guide: Dr. B.S. Chauhan).
- Dr. Amit Handa, Assistant Professor in the Department of Mechanical Engineering Paper presentation/published- Sanjay sharma, Amit Handa, Sahib Sartaj Singh and Deepak Verma (2019). Synthesis of a novel hybrid nanocomposite of AZ31 Mg-Graphene-MWCNT by multi-pass friction stir processing and evaluation of mechanical properties, Material Research Express (Accepted) (IOP, Impact factor-1.44)
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- Dr. Rinku Walia, Assistant Professor in the Department of Civil Engineering attended the AICTE sponsored 1-week National level Faculty Development Programme on Modern tools and techniques for Teachers and Researchers at IKGPTU, Kapurthala from 18.11.2019-22.11.2019.
- Dr. Kulwinder Singh Parmar, Asstt. Prof., Deptt. of Mathematics attended Faculty Induction Programme at IISER, Pune from 30.10.2019 to 23.11.2019.
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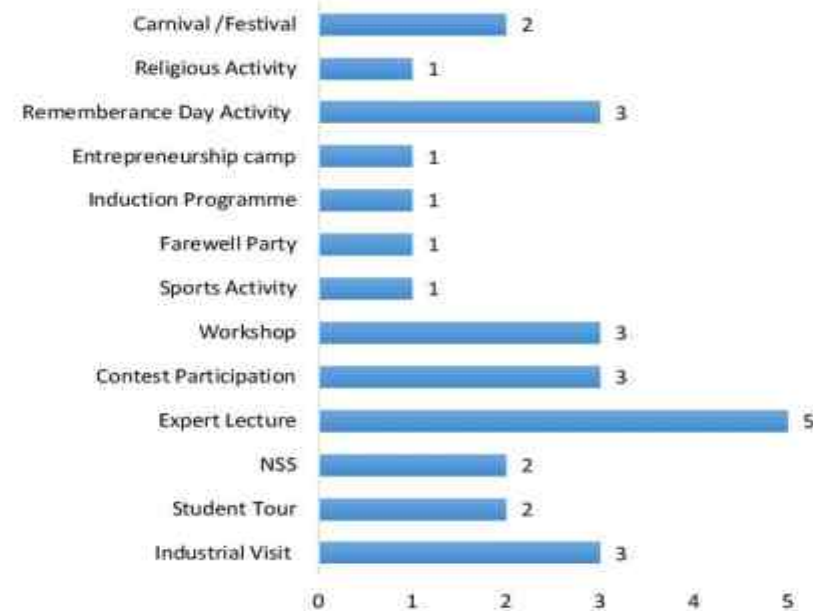
CO-CURRICULAR ACTIVITIES

Activities (2019)

Month Wise Number of Student Activities



Frequency of Different Student Activities



Types of Activities (weightage wise)



- Industrial Visit
- Student Tour
- NSS
- Expert Lecture
- Contest Participation
- Workshop
- Sports Activity
- Farewell Party
- Induction Programme
- Entrepreneurship camp
- Remembrance Day Activity
- Religious Activity
- Carnival / Festival



“At IKGPTU, Hoshiarpur Campus we not only teach pupil, but also provide them an environment where they can learn”

RESULTS SECTION

Events of Engineer's Day Celebrations

First Position

Rinki Parmar, 7th CSE
Ramandeep Kaur, 7th CSE
Kiranjit Kaur, 7th CSE

Rangoli Making

Second Position

Shivam Kumar, 5th CE
Shivam Singh, 5th CE
Sunil Kumar, 5th CE
Sunil Kumar, 5th CE

Third Position

Harpreet , 1st BCA
Sarabjit Kaur, 1st BCA
Kareena, 1st BCA

First Position

Damanpreet Singh, 3rd CSE
Karan Sharma, 3rd CSE

Power Point Presentation

Second Position

Sunaina, 5th CSE
Tania Yadav, 5th CSE

Third Position

Harmanpreet Singh, 1st CSE
Arshdeep Singh, 1st CSE

First Position

Abhijit Singh, 7th ME
Arjun, 7th ME

Face Painting

Second Position

Shivam Singh, 3rd CE
Gurpreet Yadav, 3rd CE

Third Position

First Position

Damanpreet Singh, 3rd CSE
Karan Sharma, 3rd CSE

Programming Contest

Second Position

Tania Yadav, 5th CSE
Rohit, 5th CSE

Third Position

Gurmanjit Singh, 7th CSE
Parvinder Kaur, 7th CSE

First Position

Harpreet Singh, 3rd CE
Surbhi, 3rd CE

Poster Making

Second Position

Kirandeep Kaur, 7th CE

Third Position

Deepak Rana, 1st CSE
Gurpreet, 1st CSE

First Position

Amandeep Kaur, 7th CE
Shivani, 7th CE
Hardeep Kaur, 7th CE

Junk Yard

Second Position

Ashish Aggarwal, 5th CE
Akshat Chawla, 5th CE

Third Position

Charanpreet Kaur, 7th CSE

Rs. 1000 Carnival Event

First Position

SPICY GOLGAPPAS
Rajesh Sidhu, 7th CE
Jaswinder Singh, 7th CE
Kuldeep Singh, 7th CE
Rohan Kumar, 7th CE
Reshav, 7th CE

Second Position

POPULAR GAMES
Babita Rani, 7th CE
Harpriya, 7th CE
Kiran Mahi, 7th CE
Sarbjit Kaur, 7th CE
Kiranjit Kaur, 7th CE

Third Position

SAAG, MAKKI DI ROTI & LASSI
Poonam, 5th CSE
Tajinder, 5th CSE
Prabhjot Kaur, 5th CSE
Babita, 5th CSE
Mandeep Kaur, 5th CSE