

Times of TPC 2023

7th Issue



THAPAR POLYTECHNIC COLLEGE,
THAPAR TECHNOLOGY CAMPUS, PATIALA
Website: www.tpc.ac.in

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- ❁ Seminar on "Plastic Waste Management: The Way Ahead
- ❁ ANNUAL NCC CAMP
- ❁ workshop on Excel Work Efficiency through Mind Power
- ❁ Dr. Anurag Joshi Awarded by Rotary Club President Shri B.D. Gupta g at Rotary Bhawan Patiala-Punjab on Engineers Day
- ❁ Gold medal for our student santushti
- ❁ Research paper



Activities

THAPAR POLYTECHNIC COLLEGE PATIALA CELEBRATED INDEPENDENCE DAY

During diamond jubilee celebrations for Azade ka Amrit Mahotsava **Dr. Ankush Kansal**, Principal, TPC Hoisted the National Flag on 76th Independence Day at Thapar Polytechnic College Patiala.



SELFIE POINT AT TPC TO CELEBRATE AZADI KA AMRIT MAHOTSAV

Thapar Polytechnic College celebrated Azadi ka Amrit Mahotsav with various initiatives at the campus. As per the directions received from the government, Har Ghar Tiranga Campaign was conducted from 09 August 2022 to 17 August 2022 to celebrate the 75th year of Indian Independence and inculcate patriotic feelings in the mind of Indian citizens.

NSS Unit of TPC prepared a selfie point under the Har Ghar Tiranga campaign. This selfie point was created in the main entrance where many students, faculty and staff members took their selfies with the Indian Flag and uploaded those on Har Ghar Tiranga's website.



AZADI KA AMRIT MAHOTSAV 2022, TIET PATIALA

School of Energy and Environment TIET Patiala conducted an event named “Azadi ka Amrit Mahotsav” on 18th October, 2022 in collaboration with CSE department of TPC Patiala at TSLAS Seminar Room.

Professor K.S Babu was the coordinator of the event. **DR. Anita Rajour** was invited as the guest of honour. Inauguration was done by Dr. Anita Rajour, Prof. K.S babu, **Dr. Ankush Kansal** Principal Thapar polytechnic and **Dr.Damodharam** by lightening the Lamp followed by Saraswathi Vandana. The guest of honor and coordinator encouraged students to attend and participate in such event to be rooted with their culture and nation.

Dr.Damodharam gave lecture on unsung heroes who contributed for the independence of the country which was very informative for the students.

Our students participated enthusiastically in essay writing and poster making events. Informative Audio/Visual round was conducted with student participation in which question related to freedom, culture and constitution were asked. To improve the vocabulary of students framing words from jumbled letters was done. Few students gave their feedback by thanking the coordinators. Valedictory speech was given by the coordinators.

Overall, it was a good and informative session and should be promoted in future.



PAINTING COMPETITION AT TPC TO CELEBRATE AZADI KA AMRIT MAHOTSAV

The Thapar Polytechnic organized Painting Competition on 16 August 2022 to draw attention mainly of the youths towards our glorious freedom struggle and sacrifices made by our defense forces to protect the honor of the motherland since 1947. We take this as our little contribution to celebrating "**Aazadi ka Amrut Mahotsav**".



On August 15, 2022, India commemorated its 75th year of independence. Over the last 74 years, generations after generations are taking pride and paying glorious tributes to all the freedom fighters of the country who heroically fought for the country & freedom from 1818 to 1947.

As a citizen of India, it becomes our duty not to forget but to remember the sacrifices and services of those who made supreme sacrifices to protect their motherland.

DEPARTMENT OF CIVIL ENGINEERING 6 WEEK TRAINING PROGRAMME & OTHER ACTIVITIES

Department of Civil Engineering has conducted a 6-week training programme for Civil Engineering students at Thapar Polytechnic College. The training was conducted from 18th July 2022 to 26th August 2022. 30 students have completed the training programme and took benefit from the training by learning Total Station and use of MS Excel for quantity surveying. During the training programme, students also conducted survey of a road and made cross sections and longitudinal sections of the road.

SURVEY CAMP 2022

Under the leadership of Sh. V.K. Gupta, Head CED, Department of Civil Engineering has organised survey camp for 5th semester students at youth hostel Dalhousie. The survey



camp enhances various skills among the students including working in team, living jointly in camping atmosphere and implementation of survey techniques to obtain map of an area. The camp was organised from 30.09.2022 to 06.10.2022. During the camp, students performed fly levelling, traversing and made topographical map of an area having rolling terrain. The students used various instruments including auto level, Vernier Theodolite, Digital Theodolite and Total Station.

VALEDICTORY FUNCTION AT NSIC-TECHNICAL SERVICE CENTRE, RAJPURA



Dr. Ankush Kansal, Principal, Thapar Polytechnic College, Patiala (Punjab) was chief guest during award ceremony for Final Year Electrical Engineering students, who accomplished significant 6 weeks training in Testing of domestic Electrical Appliances at NSIC. Dr. Anurag Joshi, Ms. Abha TPO EE, Sh. Rajesh Jain Sr GM, NSIC, Joginder Singh Vidana, Development Officer (Training Department), Kulwant Singh, Development Officer (Lab) graced the occasion.

APPLIED SCIENCES DEPARTMENT STAFF ATTENDED SEMINARS & WORKSHOPS

S. No.	Faculty	Title of Course (Conference/Workshop)	Host Institution	Dates
1	Ms. Subashree Chakraborty	FDP -Universal Human Values communication skills in English	AICTE	22.08.2022-26.08.2022
		Language teaching through ICT tools	KPR Institute Of Engg.&Technology	30.08.2022-30.08.2022
		7 Secrets to mastering effective	Research India Foundation	09.10.2022-09-10.2022
2	Ms. Jyoti Ghai	FDP -Unive/rsal Human Values	AICTE	22.08.2022-26.08.2022
3	Ms. Shivani Gupta	FDP -Universal Human Values	AICTE	22.08.2022-26.08.2022
4	Dr. Shivani Jindal	International Conference on sustainable nanotechnology and nano materials	Chandigarh University	25.08.2022-26.08.2022

COMPUTER SCIENCES & ENGG. DEPARTMENT STAFF ATTENDED SEMINARS & WORKSHOPS

Lect. Kirandeep Kaur and Harjit Singh of CSE given 6 week summer training to students on the Topic: Machine Learning using Python and Gamming modules

Lect. Kirandeep Kaur CSE done FDP on : IoT and Cloud Training from 27 Dec 2021 to 7 Jan 2022 organized by Finland



ARCHITECTURE DEPARTMENT STAFF ATTENDED SEMINARS, WORKSHOPS & EXHIBITIONS

Ar. Sangeeta Goyal attended the celebration of 105th Foundation day of IIA Patiala on 13th May, 2022 at the The Fountainhead ,Chotti Baradari, Patiala under the chairman, Ar. Rajinder Singh Sandhu. Ar. Sandhu explained the activities done in past and also put forth the future course of action for the betterment of the profession.

Ar. Sangeeta Goyal, Ar. Premjeet Kaur, Ar. Mehak Khurana attended a webinar on 17th May, 2022 on the topic -Future of facades & role of glass in sustainable buildings organized by WICCI, National Architecture Council.

Ar. Sangeeta Goyal along with architects of Patiala center attended the Ace Reflect Exhibition on 20th May 2022 at Hotel Gulmohar, Firozpur Road, Ludhiana. Commissioner Municipal Corporation Ludhiana, Shena Aggarwal inaugurated the show.



SEMINAR ON ARCHITECTURE EDUCATION

IIA Patiala center organized a seminar on Architecture education in India and Abroad. More than 60 architects from Patiala and other cities of Punjab attended this event on 11.6.2022 at Hotel Shaurya, Patiala. Ar. Sangeeta Goyal welcomed the key note speaker Ar. Prabhjot Kaur (retired Director PTU Campus, Mohali). Ms Ar. Premjeet Kaur attended the same. The seminar was supported by Prince pipes and fittings LTD.

A meeting with the Principal and staff of Architecture department of GPCG, Patiala was organized with office bearers of IIA Patiala sub center on 17.6.2022 at Principal's office. The agenda of the meeting was placements of diploma students and points were discussed for the bright future of student.

WEBINARS & EVENTS ATTENDED BY ARCHITECTURE DEPARTMENT

Ar. Mehak Khurana attended a webinar on "Sustainability of Heritage Structures, Issues and Challenges- Case Study of Some Important Monuments of Odisha" on 25.6.22.

Ar. Premjeet Kaur attended a webinar on the topic "Advances in the use of Cement in Pre-Cast Concrete Industry." On 9.7.2022.

Ar. Sangeeta Goyal attended a technical event on Saturday, 23rd July, 2022 at Hotel Shaurya followed by a seminar on the topic “Aspects of Building Finishing and Waterproofing in Present Era” jointly organized by IIA Patiala and SIKA India.

Ms. Sangeeta Goyal (HAAD) attended a webinar on “Material Characteristics and Structural Application of Engineered Cementitious Materials.” On September 10, 2022.

AA Department organized an Expert lecture on the topic “Fire Safety in Buildings” by Ar. G.C. Aggarwal on 16.09.2022.

IIA organized an event in association with Sarab Kala Darpan, Patiala, and Vishav Budhijivi Forum, Patiala. It was an effort to meet common people and to make them Acquainted about the Architectural Profession. Ms. Sangeeta Goyal (HAAD) attended this event on 18th Sep. 2022 at Parbhat Parwana Memorial Hall, Opposite Circuit House, Patiala.



Ms. Sangeeta Goyal (HAAD) and Ms. Mehak Khurana attended a webinar on the topic - Noida Twin Towers Demolition organized by UltraTech Cement on 12.11.2022.

Ms. Sangeeta Goyal (HAAD), Ms. Premjeet Kaur and Ms. Mehak Khurana attended a webinar on Promoting inclusion and Accessibility and realization of SDGs (Sustainable Development Goals) in Patiala city in Punjab State, India on 14.11.2022.



STUDENTS PREPARED PRESENTATION DRAWINGS AND MODELS

Final year students of AA prepared presentation drawings and models of various projects assigned to them (River-Side Resort, Architectural College, Sub Urban Villa and Shopping Arcade). The work was showcased to our worthy Principal and he commended the

students for their work.



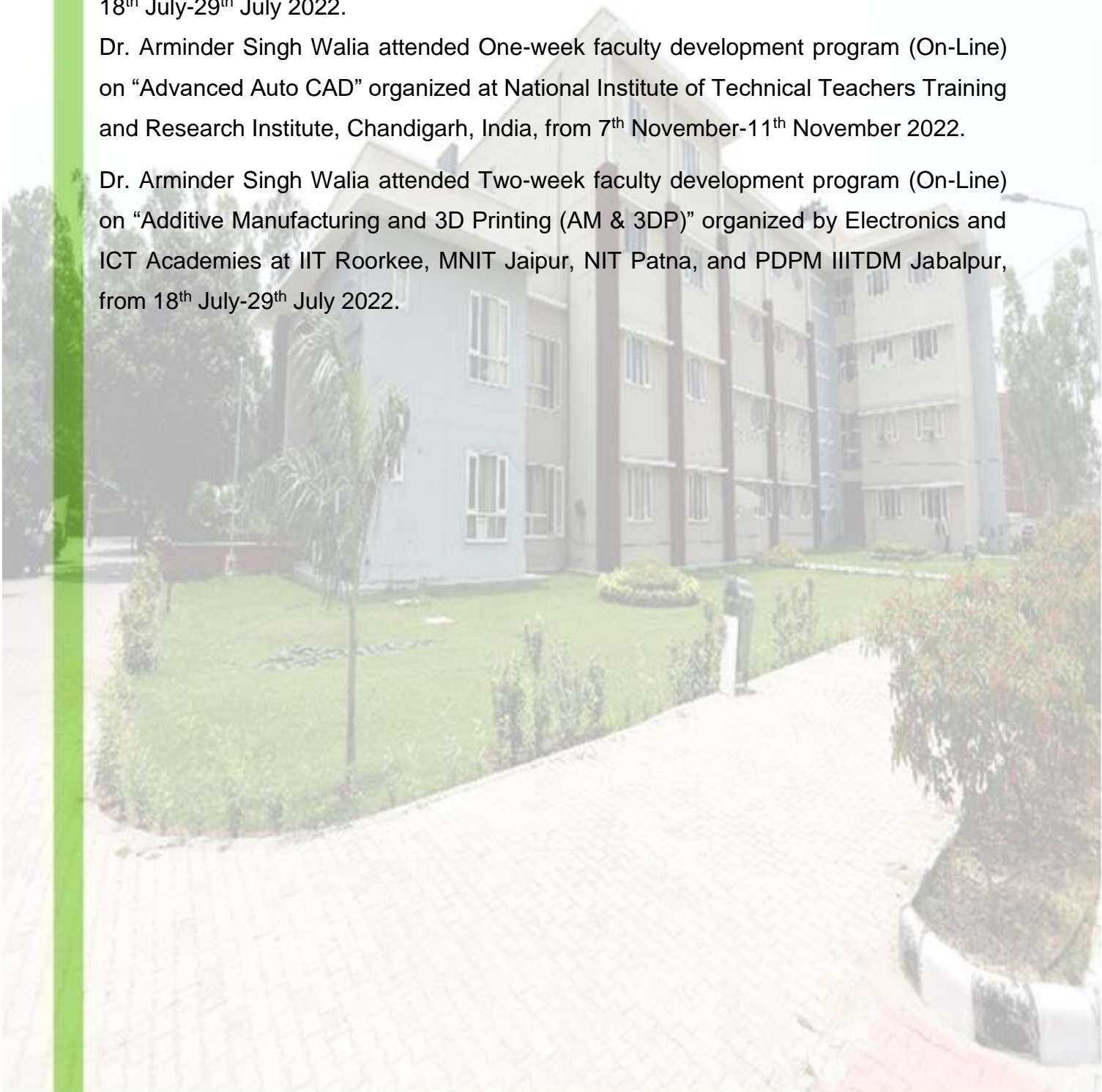
MECHNICAL ENGG DEPARTMENT ATTENDED SEMINARS, WORKSHOPS & EXHIBITIONS

Dr. Rajan Verma attended one-week faculty development program (On-Line) on “Advanced Auto CAD” organized at National Institute of Technical Teachers Training and Research Institute, Chandigarh, India, from 7th November-11th November 2022.

Dr. Rajan Verma attended Two-week faculty development program (On-Line) on “Additive Manufacturing and 3D Printing (AM & 3DP)” organized by Electronics and ICT Academies at IIT Roorkee, MNIT Jaipur, NIT Patna, and PDPM IIITDM Jabalpur, from 18th July-29th July 2022.

Dr. Arminder Singh Walia attended One-week faculty development program (On-Line) on “Advanced Auto CAD” organized at National Institute of Technical Teachers Training and Research Institute, Chandigarh, India, from 7th November-11th November 2022.

Dr. Arminder Singh Walia attended Two-week faculty development program (On-Line) on “Additive Manufacturing and 3D Printing (AM & 3DP)” organized by Electronics and ICT Academies at IIT Roorkee, MNIT Jaipur, NIT Patna, and PDPM IIITDM Jabalpur, from 18th July-29th July 2022.



SEMINAR ON “PLASTIC WASTE MANAGEMENT: THE WAY AHEAD

Plastic waste can be managed most effectively at the local level. Plastic products have become an integral part of our daily lives, which has resulted in increased plastic consumption. Plastic waste has also emerged as an important environmental challenge in the rural parts of the country.

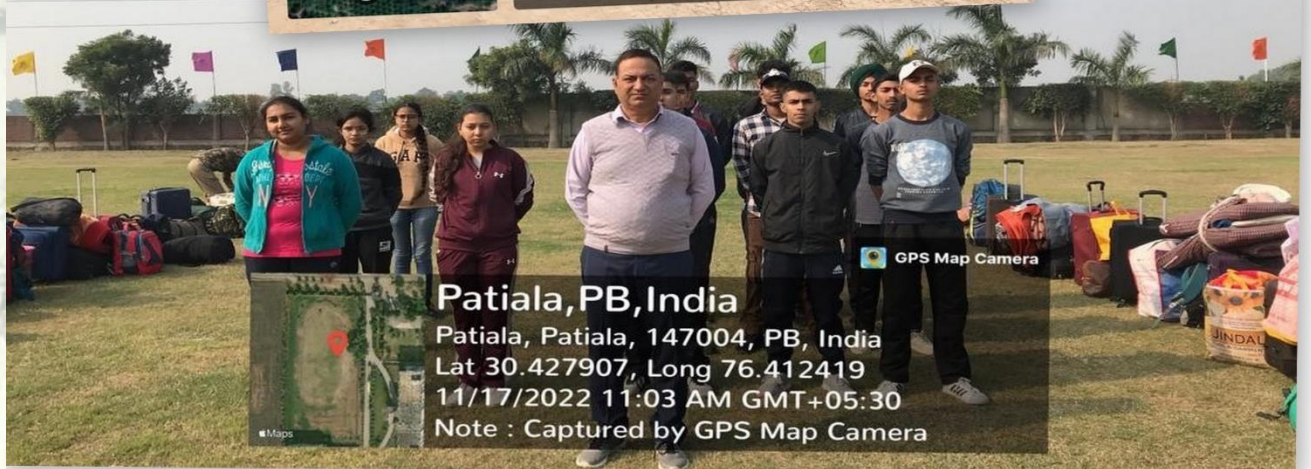
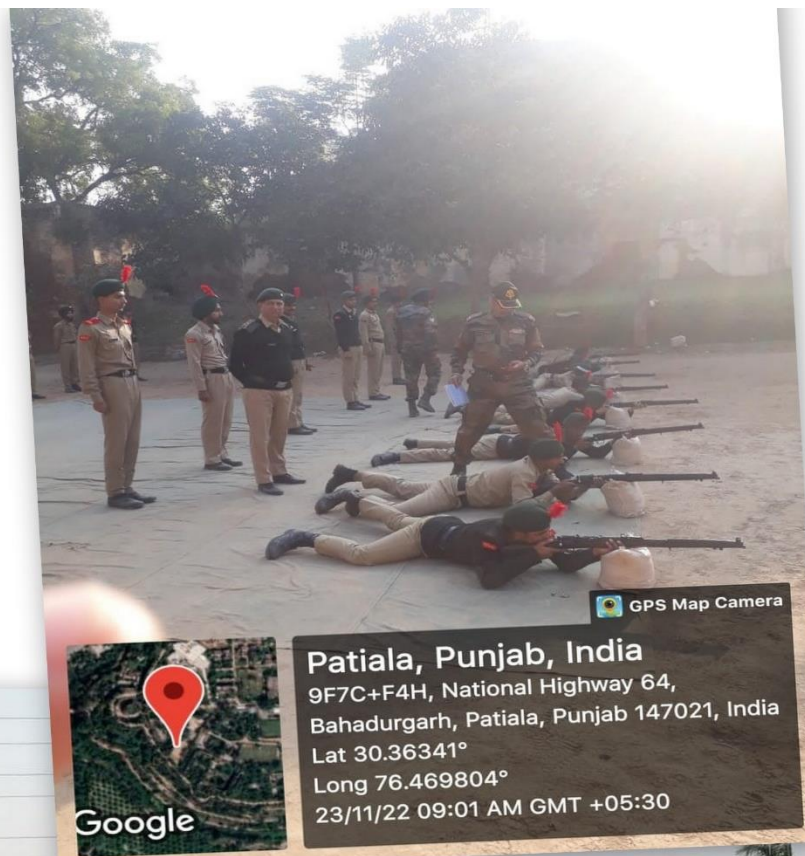
This Seminar entitled “Plastic Waste Management: The Way Ahead” was organized under the aegis of NSS unit of Thapar Polytechnic College on 19 October 2022. The Resource person to this Seminar was Er. Prince Goyal. Objective of this programme to sensitize students about the hazards of plastic usage in our daily life and to encourage students to mitigate and lessen the usage of single plastics.

At the end of the session Principal **Dr. Ankush kansal** also motivated the students to avoid the single use plastics and for encourage students plastic bags were distributed to the students. About 60 Students attended this programme. This programme went on quite successfully and smoothly. The students were benefited immensely and carried home the message of “Say no to Plastic”.



ANNUAL NCC CAMP

Sh. Vijay Sharma, Captain NCC Punjab BT 5 attended annual NCC Camp along with NCC Cadets of Thapar Polytechnic College at Asian Educational Institute, Patiala from 17.11.2022 to 24.11.2022. The 14 cadets of NCC, Punjab BT 5 from Thapar Polytechnic College also took part in the NCC training camp. NCC training camp enhances the discipline and capability to provide services for the nation security among the cadets.



WORKSHOP ON EXCEL WORK EFFICIENCY THROUGH MIND POWER

Dr Anurag Joshi Felicited astonishing sessions on "Excel Work Efficiency through Mind Power" during a National Faculty Development Workshop on "Enhancing Work Efficiency Through Holistic Health" organised by Department of Distance Education and Women's Study Centre, Punjabi University, Patiala-Punjab on 4.8.22

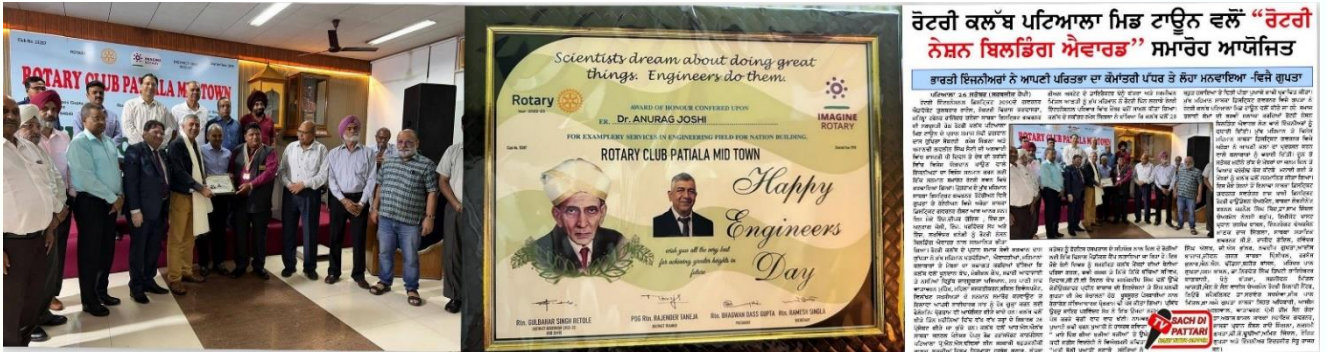




Achievements

DR. ANURAG JOSHI AWARDED BY ROTARY CLUB PRESIDENT SHRI B.D. GUPTA AT ROTARY BHAWAN PATIALA-PUNJAB ON ENGINEERS DAY

15 SEPT 22



RESEARCH PAPER

Walia Arminder S, Srivastava V, Verma K (2022) Modelling of surface roughness and change in out-of-roundness of tool during electrical discharge machining with cermet tool tip using machine learning. Processes, 10(2), p.252. <https://www.mdpi.com/2227-9717/10/2/252>

S. No.	Author Names	Title of the publication	Journal/Book Details	Year of publication
1	Monika Gupta Dr. R. K. Bathla	1.Paper presented "On the applicability of possible theory-based approaches for ranking fuzzy numbers"	International Conference on Paradigms of Communication, Computing and Data Sciences (PCCDS 2022) MNIT Jaipur	July 05-07 2022
2	Monika Gupta Dr. R. K. Bathla	2. Paper published " Comparative study and approach of automated tools in Software testing"	International Journal of Research and Analytical Reviews (IJRAR)	Volume 9 issue 4 November 2022
3	Monika Gupta Dr. R. K. Bathla	3. Paper Published " Comparative study of software testing technique using Manually and automated way"	International Journal of Scientific Research in Science and Technology (IJSRST)	Volume 9 Issue 6 December 2022

SANTUSHTI SHARMA 4TH SEM CSE WON GOLD MEDAL IN 60TH NATIONALS IN ROLLAR SKATING CHAMPIONSHIP HELD AT BENGALURU.

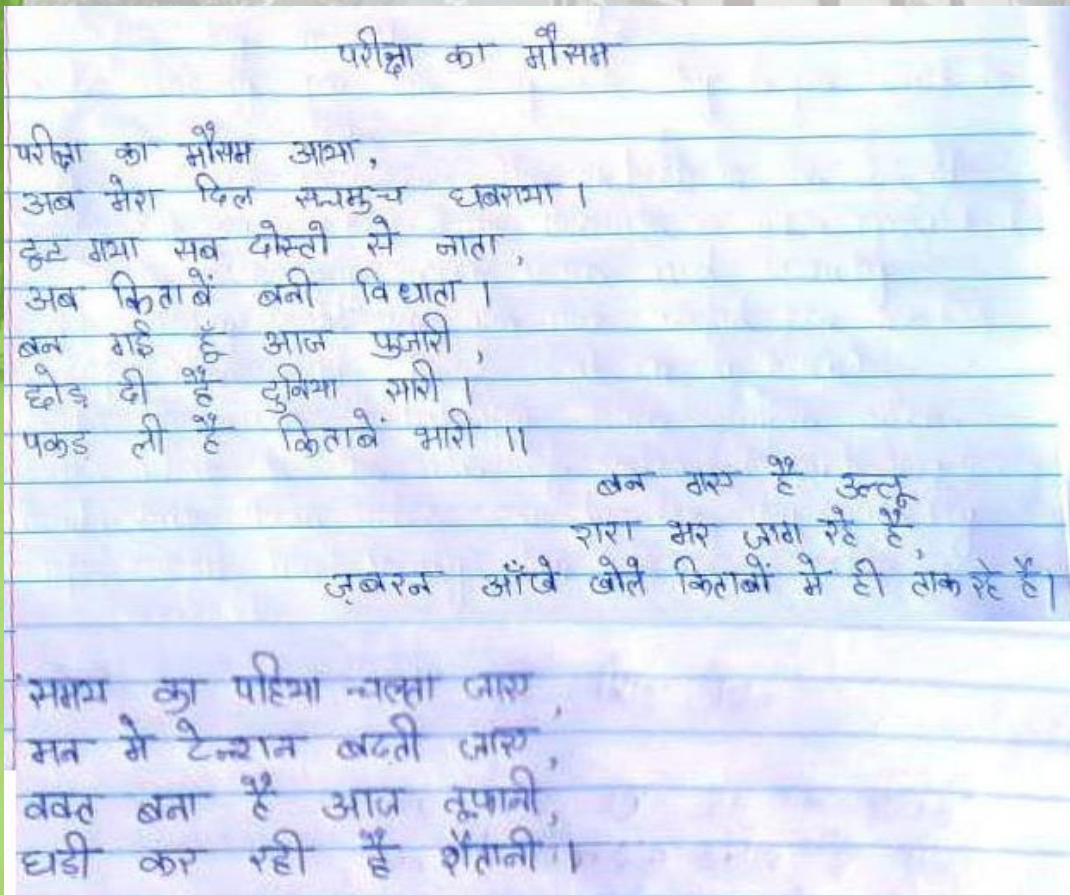




The one who falls and get up
Is so much stronger than one who never fell

There is always something to be grateful for
Keep your head up keep your heart strong

Prabhjot Singh
CSE 1st SEM.



PUJA KUMARI
CSE 1st SEM.

MOTIVATION IS A LIE.

Motivation is actually a lie and it keeps a person from being successful in what they are trying to achieve whether it is going to the gym and be healthy or to actually focus and seriously study from the starting of a new class or semester.

Motivation is derived from the word 'motive' which denotes a person's need, desire or wants. It is the process of motivating an individual to take actions in order to achieve something. Motivation is like a **spark** which sets a fire in the person's mind and will you achieve something and be successful in what they want but this **spark** of motivation doesn't lead to a big fire and is mostly extinguished from the winds of **failure**. Motivation is good for a start but if it's the only fuel that a person uses to keep going then that person will never reach success because motivation only works till a person is being successful and completes certain tasks on the way of success but the path is struck by difficulties and failures, when the path is not so fun anymore, when the person actually realizes how difficult the actual path is, they **give up** because that **spark** is not enough to keep them moving through these obstacles because motivation gives a person the vision only of success and not of the obstacles and sacrifices that comes with success. A **spark** is great to start the fire but to keep the fire burning a person will need **patience, consistency** and the strength and mindset to face the obstacles and accept failure to become more strong and with motivation alone a person can't alone learn these lessons. Actually these lessons are learned throughout the path of success, with failures and with the most important skill to be learn to achieve success, **Discipline**.

Discipline is the key to success, discipline is the skill, a lesson that keeps a person to move forward no matter what, to keep consistent towards their goal. Discipline comes into use when a person has to sacrifice their desires, their habits and activities that are keeping them from away from the path of success. Motivation may keep a person on that path for a while and on a good pace with a really strong mindset but discipline and self-determination would keep that person on the path no matter how slow they make progress. A disciplined mind with a slow progress will always overcome the person who only relies on motivation and moves with a quicker pace. Motivation is really good to escape a difficult path but motivation is what the person believe and during all these difficult time and failures people tend to stop believing in themselves thinking that path is not meant for them but self-determination and discipline is how a person can completely control his body and mind. A disciplined man doesn't stop when his body is tried or is in pain but stops when his mind, he himself tells his body to stop, the body keeps moving through harsh times.

Discipline is necessary in order to succeed and achieve a goal. Self-determination and proper preparation will also lead to success. Make your body and mind prepared for the bstacles and difficulties to keep moving forward and don't only rely on temporary motivation.

"For a man to conquer himself is the first and noblest of all victories"- Plato.

"Discipline is the bridge between goals and accomplishment"-Jim Rohn.

"Self-control is the chief element in self-respect, and self-respect is chief element in courage"-Thucydides.

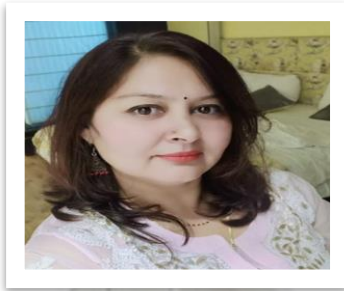
Sehajveer Singh

4th CSE-B

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