### DAVIET INTRODUES ASCE STUDENT CHAPTER

DAV Institute of Engineering & Technology, Jalandhar added another feather to its crown when one of the oldest departments of this Institute, Department of Civil Engineering, Jalandhar got inaugurated the student chapter of American Society of Civil Engineers (ASCE) at DAVIET. ASCE, a society dedicated to the advancement of science and profession of Civil Engineering and enhancement of student welfare through the activities of society members. Welcoming the representatives of ASCE, Er. Gursharan Singh Rosha, President ASCE (Northern Region) & Sh. Haramrit Sandhu, Assistant Professor (PEC Chandigarh), Dr. Sanjeev Naval, Head, Department of Civil Engineering highlighted the role of Knowledge, Skill & Behaviour for successful engineering carriers. Speaking on the occasion Er. Gurcharan Singh Rosha explained the activities of ASCE in India & Abroad. Prof. Haramrit Sandhu of Punjab Engineering College, Chandigarh gave an expert talk on remote sensing on the occasion. This prestigious event was attended by the diligent and cognizant faculty and the inquisitive students of the department. Vote of thanks was proposed by one of the students of 3<sup>rd</sup> year, Brahmjot Kaur, who also on behalf of all the students of the department promised to live upto the expectations of ASCE and will display their skills at the forthcoming events under ASCE. The Principal of DAVIET Dr. Manoj Kumar, congratulated the department for the efforts.



Dr.Sanjeev Naval, head, department of civil engineering introducing the concept, mission and vision of ASCE.

### **World Environment Day**



It gives us immense pleasure to inform you that the Department of Applied Sciences, along with the Departments of Mechanical Engineering and Civil Engineering are going to observe

### **WORLD ENVIRONMENT DAY**

5th June, 2021



by organizing: "A National Level Workshop cum Paper Presentation Competition"

- Track 1; How to reduce Carbon Footprints: Need, Causes, Challenges, and our Role & Responsibilities.
- Track 2; COVID 19 Pandemic: Causes, Preventions, Effects, Remedies and our Role & Responsibilities to fight against it.

### **Resource Persons**

#### Dr. Sudesh Yadav

Associate Professor, Department of Environmental Science Jawaharlal Nehru University (JNU), New Delhi

### Dr Balraj Gupta

MD, MACC (USA), FICA Consultant Physician & Medical Director Rattan Hospital, Jalandhar

#### **Chief Guest**

Mr. S C Popli

Advisor

Business and Skill Development, Daikin Airconditioning India Pvt. Ltd.

Dr. Ashok Kumar Dr. Kanchan L. Singh Dr. Gaurav Dhuria Dr. Sanjeev Naval Dr. Manoj Kumar HoD (CE) Organising Secy. HoD (Applied Sci.) HoD (ME) Principal

**Committee Members** 

Organising

Dr. Shivani Vij Asstt. Prof. (Applied Sci.)

Dr. M.K Kaushik Asstt. Prof. (CE)

Sponsored by: ASCENDIA SECTION ASHRAE

Tap on the link or paste it in a browser to join. https://teams.microsoft.com/l/meetup-join/19%3acf06dce 3e86442c6b835f08c458bb90a%40thread.tacv2/ 1622612712111?context=%7b%22Tid%22%3a

Mr. Aman Maini

Asstt. Prof. (ME)

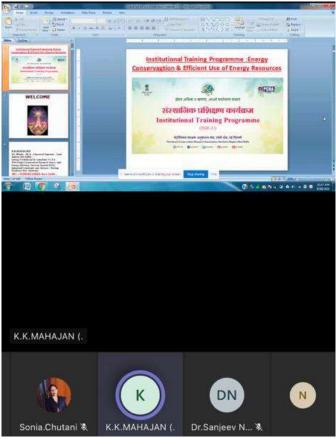
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# Webinar on Energy Conservation, Energy Efficiency, Use of Renewable Energy, Environment, Climate Change.





### Picture Quiz on Engineer's Day



Some Glimpses of Picture Quiz held on 15 Sept 2021

On the Engineer's day of 2021 i.e on 15 September a picture quiz was organised. Dr.Sanjeev Naval, faculty mentor of ASCE Daviet, hosted the quiz where Students were shown different Civil Engineering marvels around the world which are either constructed or planned to be constructed in near future. All the participants really enjoyed identifying those marvels and their technical specifications.

### **ASCE Day 2021**



Some Glimpses of 169<sup>th</sup> ASCE day celebrated at our campus

On 5<sup>th</sup> November 2021, the foundation day of ASCE was celebrated at DAVIET. The day started off with the screening of the movie 'Dream Big'-a cinematic masterpiece by itself. After boosting the motivation among the students an inspirational hands on workshop on the theme "Ecolution: the revolution for sustainable future." The members from Ecoistic Pathshala who collaborated to organise this workshop, not only sensitised

the students about plastic waste.	the climate	emergency	but even	taught	various	ways to	o reuse	the

### **Introduction:**

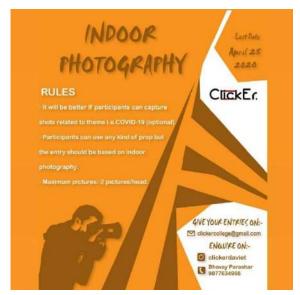
DAV Institute of Engineering & Technology Jalandhar got established in year 2001 under the aegis of DAV college Managing committee. The Institute not only celebrates freedom of thought, cultivates vision, and encourages growth, but also inculcates human values and concern for the environment and the society.

The Institute also provides students with a euphoric platform to exhibit their talent in a wide variety of cultural events. With an aim to unearth the talent of students and to provide them the platform required to prove their mettle in varied areas. Students in DAVIET competes and tries to outperform each other in a wide variety of cultural, technical, musical, literary, and theatrical events. DAVIET comprising various cultural clubs & one of them is its official photography club **ClickEr.** 

When we talk about **ClickEr**, it's not only about photography. It's about taking the charge, learning ethics, and chiselling the leader inside. At **ClickEr**, students aspire to inspire. Taking an image, freezing the moment reveals how rich the reality truly is. Many years of continuous dedication, collaborative teamwork & strong devotion towards the scientific and artistic knowledge of PHOTOGRAPHY is what defines the soul of club **ClickEr**.



### > E Fest 2020 (Indoor photography):



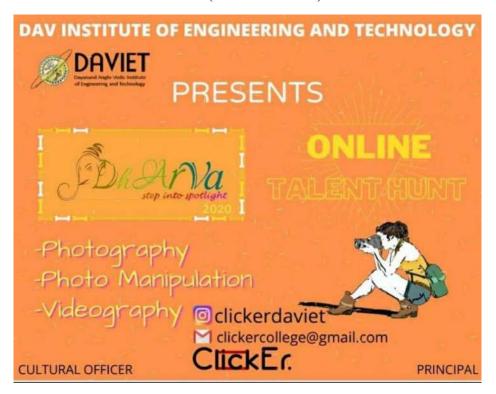
Poster for Indoor photography





Entries from E Fest 2020

Online Talent Hunt 2020 (ADHARV 2k20):



Poster for Online Talent Hunt



Entries from Talent Hunt 2020

### 4) Session 2020-2021:

➤ E fest 2021





Posters for Monochrome Photography & Timelapse Videography







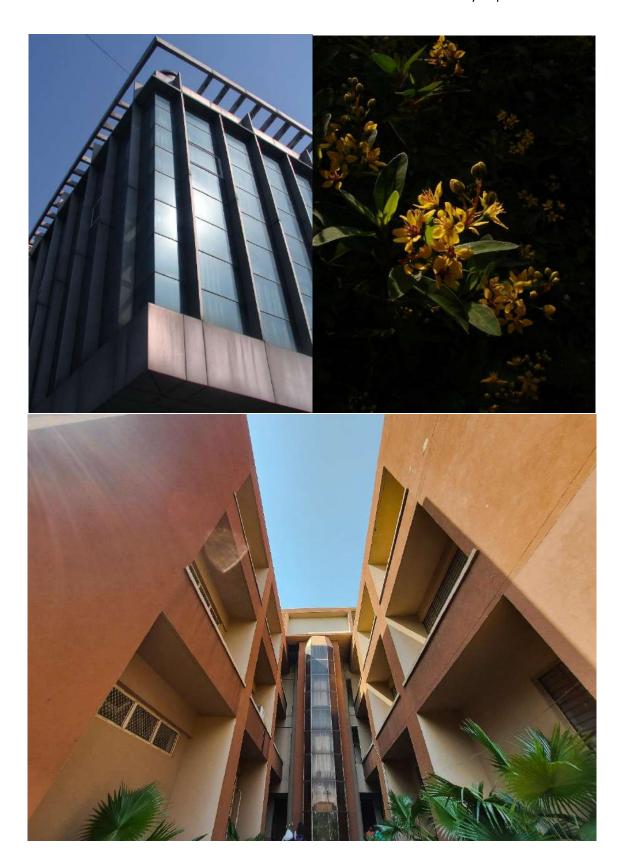
Entries From E fest 2021

### 5) Session 2021-2022:

Talent Hunt 2021 (ADHARV 2k21):



Principal Sir Awarding Freshers



### **NSS ACTIVITIES**

### **Activities Under "Buddy Programme"**

**Various** activities were organized by different departments of the institute under **Buddy Programme( an initiative of Government of Punjab against Drug Abuse)**. Presentations were given by the buddy groups of different classes covering the following topics:

- Drug Addiction and Drug Abuse
- Reasons to use drugs
- Stages of use of Drugs
- Effect of Drugs on Brain
- Education to Prevent Drugs

Students got to know about the impact of alcohol and other drugs on an individual's behavior and suffering of the nation as a whole. Students also took pledge not to indulge in any kind of drug consumption.









## "Keep Clean, Go Green" Drive under 'Mission Fateh'

NSS wing of DAV Institute of Engg. & Technology (DAVIET) in collaboration with American Society of Civil Engineers (ASCE) – Student Chapter, DAVIET has started "Keep Clean, Go Green" Drive under 'Mission Fateh' in which Herbal and Medicinal properties based Trees are to be planted in and around the campus.



### Three day COVID-19 Vaccination camp at DAVIET on 20-22.08.2021

https://www.facebook.com/112805543765335/posts/375404710838749/?sfnsn=wiwspmo

https://link.public.app/XN9v

https://fb.watch/7wAAMKo01 /



### सभी लोग मास्क पहनने के साथ-साथ वैक्सीन जरूर लगवाएं - प्रिंसिपल डॉक्टर मनोज कुमार

स्पर्श जालंधर (बंटी भगत) : आज स्थानीय डेवियट कॉलेज, कबीर नगर में वैक्सीन कैंप लगाया गया जिसमें 300 लोगों को कोविडशीलड़ वैक्सिन लगाई गई । डेवियट कॉलेज के प्रिंसिपल डॉ मनोज कुमार ने सभी से अपील की कि हम सभी को मास्क पहनने के साथ-साथ कोविड-19 वैक्सीन जरूर लगवानी चाहिए ताकि इस महामारी से सभी का बचाव हो सके । इसके साथ ही उन्होंने सिविल हॉस्पिटल से आई हुई पूरी डॉक्टर्स की टीम का अपने पूरे कॉलेज की तरफ से धन्यवाद किया ।यहां डॉ अशोक कुमार ,ओम प्रकाश शर्मा ,दीपक परमार,सीमा अवस्थी, पूनम अरोड़ा, मूलचंद ,अरविंद कुमार ,सुरेंद्र कुमार, राज कुमार और वार्ड नंबर 69 के काउंसलर सरफो देवी सभी स्टाफ सदस्य मौजूद रहे ।

### **Student Consortium: Department of**

### **Applied Sciences**

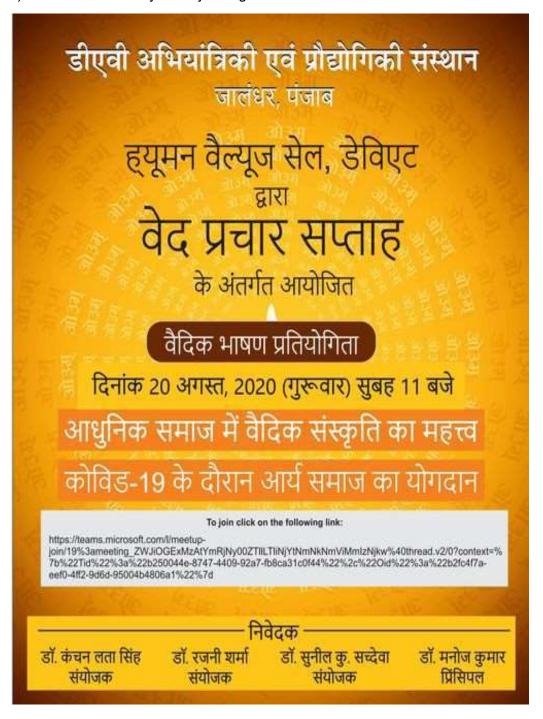
# Students Society for Scientific Advancements (S)<sup>3</sup>A

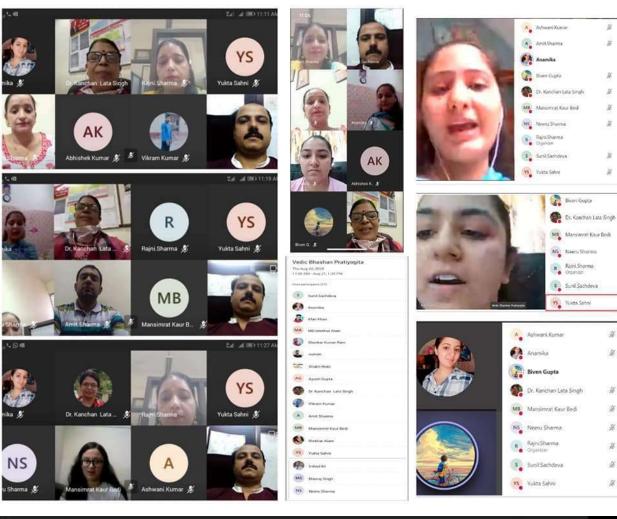
In order to orient the students towards new avenues of success through exposure towards the cutting edge pedagogic frameworks and the currents in the sphere of education, the Department of Applied Sciences has formed a student consortium named Student Society for Scientific Advancements (S)<sup>3</sup>A. This consortium interfaces with the aficionados of the subjects like Physics, Chemistry, Mathematics and English serve as the manure for the prolific imagination of the students engendering the fertilization of new ideas and knowledge. We organize Expert talks, Extension Lectures, Orientation Workshops, Role Play, Debate, Paper Presentation Competition etc. in consortium activities, which go a long way in inspiring and emboldening the students towards the higher reaches of the subjects. The few glimpses of such goings-on are as follows:

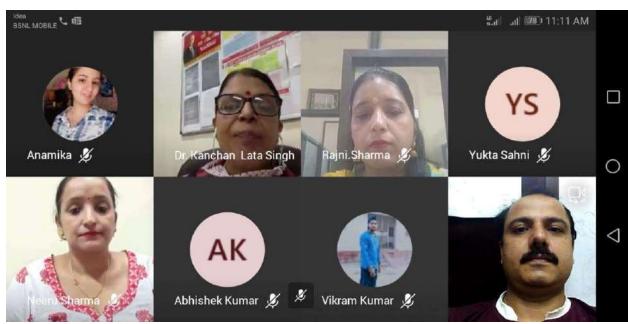
### VEDIC BHASHAN PRATIYOGITA ORGANISED BY THE DEPARTMENT OF APPLIED SCIENCES AT DAVIET - AUG 20, 2020

### Topics:

- a) "Importance of vedic culture in modern society"
- b) " Contribution of Arya Smaj during COVID19"







One student Prabhjot Kaur from ECE first year grabbed third position in power point presentation competition through her presentation on the topic "Physics in Space" on 13<sup>th</sup> Oct, 2020 at HMV, Jalandhar under the guidance of Dr. Shivani Vij, Assistant Professor



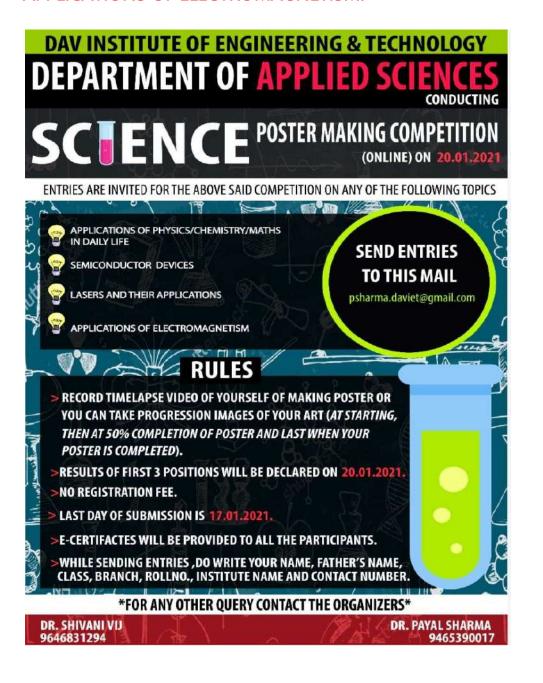
SCIENCE POSTER MAKING COMPETITION BY THE DEPARTMENT OF APPLIED SCIENCES on 20.1.2021

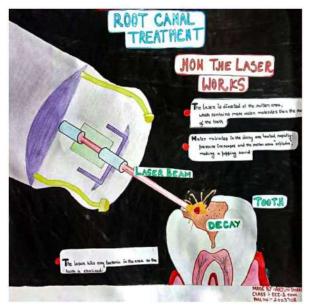
**Topics:** 

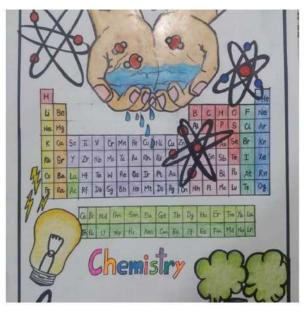
APPLICATIONS OF PHYSICS/CHEMISTRY/MATHS IN DAILY LIFE. SEMICONDUCTOR DEVICES.

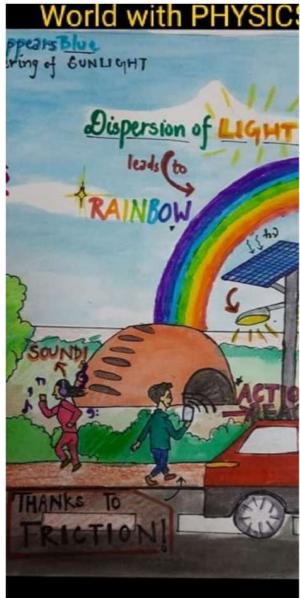
LASERS AND THEIR APPLICATIONS.

APPLICATIONS OF ELECTROMAGNETISM.





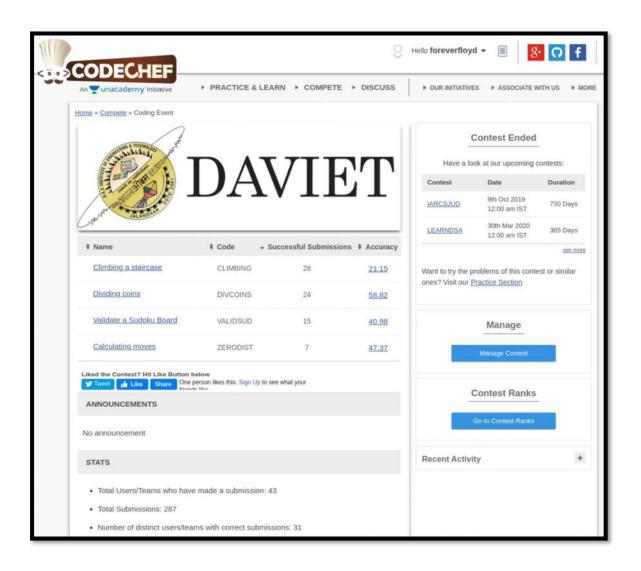




### 1. Technical Events

### **Coding Event by Prisma Club**

- A coding contest was organized by the Prisma Club on 9/11/2020 for students to demonstrate their coding skills and proficiency in programming.
- The event was hosted online on Codechef which is a leading competitive programming community of programmers from across the globe.
- The contest comprised of four questions from data structures and algorithms for which allocated time to complete was three hours.
- The top three winners for the event were Pratik Gupta (CSE-7th sem), MadhavVerma (CSE-5th sem) and Shriya (CSE-3rd sem).



### **TRIATHON 2020**

Triathon – Technical Quiz and Coding competition was organized by PRISMA Club on February 6, 2020. This event was conducted in 3 Rounds.

Round-1 was a quiz round based on 20MCQ questions requiring basic technical knowledge. 16 Teams consisting of total 47 students from B.Tech (CSE, IT) BCA participated in this round, out of them 10 teams qualified for the next Round.

Round-2 was conducted in lab and it was based on Coding and Programming using HackerRank.5 Teams qualified for next round. Round-3 was based on Rapid Fire with 5 questions per team to be answered with a time limit of 1.5 minutes. The winners of TRIATHON event were Prashant, Pushpdeep and Siddharthfrom B.Tech CSE4th semester. The first runners up of this event were Akhil, Ayush and Gautam from B.Tech IT 4th semester.

Following students from B. Tech CSE 6<sup>th</sup> and 4<sup>th</sup> semester are the Student Coordinators for this event:

- 1.Sanchit Gupta
- 2. Shubham Dadhwal
- 3. Pratik Gupta
- 4. Rishabh Mehta
- 5. Tejas Bir Singh
- 6. Shivam Manchanda
- 7. Riya Thaper
- 8. Anshika
- 9. Pardeep Jain
- 10. Kritika Mittal











### **Tech Electra Club**

Under the club 'TECH ELECTRA' various events was organized by the students of electrical engineering department. The aim of the events was to provide students an opportunity to demonstrate their innovative thinking/skills in the form of quiz, games, entrepreneur ideas, etc. The Events went successful under the visionary leadership of Principal Dr. Manoj Kumar and Head – EE Dr. Sudhir Sharma who addressed the students on various events on the importance of engineering & how Discipline & Positive stress can help in the corporate life. Some major events organized for the students of B. Tech EE in the institute was:

### **Technical Activities**

- ▶ Virtual Quiz competition a technical event consisting of three round namely Knowledge Partner, Component-Dumb-charades and Circuit Developer. In 1<sup>st</sup> round there are 40 MCQ (technical and aptitude) in which approximately 100 students participated and 40 students shortlisted and in 2<sup>nd</sup> round, 10 teams of 4 students each participated and the participants have try to tell the component name to his/her partner by dumb charades game. In this only 5 teams qualified in final. And in last round participants have to make circuit on bread-board or on PCB. Winners are awarded with certificates and trophies.
- Business Master a way to Entrepreneur. Departmental students organized "BUSINESS MASTER"-a business competition to bring out the new enterprising business and social ideas from the participants having innovative ideas which are technically feasible, commercially viable and socially relevant. To support the selected ideas through nurturing and guidance so that they can be shaped into business start-ups. Dr. Sudhir Sharma (Head EE) welcomed chief guest of the day Mr. Swarn Kakkar, Director Solar First Energy Pvt. Ltd., Jalandhar. In his motivational speech, he congratulated the students for their effort and also suggested to continue with such type of events that boost the confidence of the students as engineers and to provide opportunity for the participants to bring out their entrepreneurial talents. Many ideas were liked by the guest and the winner was awarded by cash prize of rupees 15000/-
- Technician ohm is a technical event including word search puzzle related to the electronics and electrical engineering. To make the event interesting there are two more rounds added, the second one includes selecting a chit containing name of a element and participant have to explain about it and in third round he will face a rapid fire phase of quiz. Many students participated in the event to make this event successful. Winners are awarded with goodies bag.
- \*\*Role Play-\* is a technique that allows students to explore realistic situations by interacting with other people in a managed way in order to develop experience and trial different strategies in a supported environment. It is a very flexible teaching approach because it requires no special tools, technology or environments. The students of 7<sup>th</sup> semester, Electrical Engineering organized role plays for B.Tech. Electrical Engineering 5<sup>th</sup> and 7<sup>th</sup> semester students in a seminal hall. Topics for role play were i) System protection and ii) Working of alternator. The basic idea of "System protection" was to show how different types of protective schemes like relays, fuse, circuit breaker etc. are used for protection and also the role of an electrical engineer in clearing the fault. Similarly the basic idea of "Working of alternator" was to show how different parts of alternator like stator, rotor, exciter, prime mover etc., worked together to generate output and also to show the precautionary measures when there is fault in transformer. At the end, Dr. Sudhir Sharma (Head EE) encouraged all the participants with his kind words. He appreciated the efforts done by the department of Electrical Engineering and motivated the students to participate more in future.

### Session 2020-2021

DAVIET MANAGEATES (club) of Department of Business Management organized an event "SELL IT LIKE A PRO" in DAV Institute of Engineering & Technology, Jalandhar on February 19, 2020. Aim of this event was to provide a platform to management students to enhance their selling skills and to instill them with creativity, uniqueness and confidence.

Total 8 teams participated in the event with 4 students in each team. The Winners were awarded with medals and certificates. The selling skills and confidence were witnessed and judged by an Alumni of DAVIET, Mr Lavinder Singh, Manager at AU SMALL FINANCIAL BANK.





### **Session 2021-2022**

The MANAGEATES Club of Department of Business Management, DAV Institute of Engineering & Technology, Jalandhar conducted an Ad-Mad show on 7<sup>th</sup> December 2021 with great zeal and fervor. As many as 18 teams belonging to different Disciplines including BBA, B.COM, BCA, MBA and BHMCT participated in the event and showcased their talent in Ad-mad show.







### **WORKSHOP ON HAPPTITUDE**

The Department of Business Management, DAV Institute of Engineering & Technology, Jalandhar conducted a workshop on 10th December 2021 on the topic Happtitude which was presented by Dr. Pretty Bhalla who is an eminent speaker and well known Happtitude Coach. The students belonging to different Disciplines including BBA, B.COM and MBA participated in the event with great enthusiasm.



### **ALFAAZ (The Literary Club of DAVIET)**

Alfaaz is a collection of proud hardworking book worms and shy writers who believe that a pen is indeed mightier than a sword. With big dreams and bigger vocabulary, all the hidden writers and orators have decided to bring their skills finally in the limelight. Therefore ALFAAZ is a dreamland of good literature and poetry which acts under the supervision of ALFAAZ In charge, Mr. P. S. Mann.

#### **OBJECTIVE:**

Student learning in these days is often rote and do little to encourage original thinking. Along with academics, students should participate in activities like public speaking and creative writing to enhance their skills and develop their personality. Students are lacking confidence due to lack of participation in group discussions and the feeling of inferiority among them due to less or no mass contact.

Through participation in these gatherings, students will be able to enter a world wholly different from the curriculum typical of era.

#### **ACTIVITIES OF ALFAAZ:**

### • Public Speaking:

Of the many activities of the ALFAAZ, the most significant are related to the Public Speaking. It is regarded everywhere as part of social experience. Participation in oratory and debate enables students to develop this "wizardry", a skill especially important for students planning to enter law, politics, or teaching.

Public Speaking in ALFAAZ is divided into following activities:

- 1. Debate
- 2. Elocution
- 3. Poem Recitation

#### • Creative Writing:

The other activities of ALFAAZ include the opportunity to enhance writing skills. This improves the thinking skills of the students. Creative Writing in ALFAAZ is divided into following activities:

- 1. Story Writing
- 2. Essay Writing
- 3. Poem Writing

#### **Other Activities:**

Apart from enhancing speaking and writing skills, ALFAAZ also focuses upon improving logical reasoning, and also gives a chance to beginners.

### **ARTESO-Canvass of imagination**



ARTESO is the fine arts, poetry and prose writing club of the college. The club was founded by the students of the college, namely Miss Tammana Chanana(IT), Mr. Karanjit Singh(CSE), Mr. Chetan Goyal(CE) and Mr. Maninder Singh (ECE) under the supreme guidance of Dr. Sanjeev Naval (HOD CIVIL) in the year 2014. The present faculty head of the club is Mrs. Megha Munjal Sharma (Head, cultural affairs).

The primary aim of the club is to bring the talent of backstage art infront of the audience and help the members achieve co-curricular success. The main areas of specialization in fine arts of the club include:-digital designing (poster, graphics, logo), painting, sketching, clay modelling, calligraphy, rangoli etc. The club also has a bunch of writers for poetry and prose writing.

ARTESO organizes an annual Art gallery during the national level techfest of the college, makes/designs the logos and posters for the college events, organizes various events, and undertakes designing and decorations of some major events of the college.



Apart from these, the members of ARTESO participate in the zonal, interzonal and interuniversity youth fest and won the overall Art trophies at both, zonal and interzonal level.

The club also recently performed **Sand Art** during the fresher's party and the techfest, first of its kind in ART Club of Institute.

The members of the ARTESO are a bunch of self driven, passionate and creative minds which aim to provide to the college with their talents a new height and step higher.

### **ASHWA** (The Western Dance Group)



Passion, perseverance and hard-work defines what dancing together means. Every day brings a chance for you to draw in a breath, kick off your shoes, and dance. Ashwa is a platform to bring out all the students who have a passion for dance and enabling them to showcase their moves. The group works under the guidance of cultural officer of the institute.

In the current scenario students are required to be equally good in academics as well as interpersonal skills. Therefore ever-since its inception qualities like hard-work, innovation, selflessness and responsibility have been an important part of the core values of the group. Being a member of the group will enhance your confidence and teach you how to face the crowd. All these feelings like team spirit, leadership, enthusiasm etc are experienced on daily basis. Every semester the auditions are held in the institute for the membership of the club. Therefore all those with a knack of dancing are welcome whole heartedly to be a part of this fraternity.

"We dance for laughter,
We dance for tears,
We dance for madness,
We dance for fears,
We dance for hopes,
We dance for screams,
We are the dancers- we create the dreams."



### Activities

The group actively participates in various institutes level events. Along with this we also represent DAVIET at various inter-college competitions.





