



# DAV INSTITUTE OF ENGG. & TECHNOLOGY

## A Report

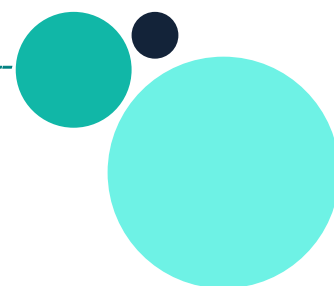
Of

### STUDENT INDUCTION PROGRAM Bachelor of Technology (2022-26)



September 5-30, 2022

*"An investment in knowledge always pays the best interest." - Benjamin Franklin*



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## STUDENT INDUCTION PROGRAM

A Guide to Induction Program Objective and Introduction  
(As per affiliating university-*IKGPTU* & the Governing council *AICTE, India*)

*(Induction Program was discussed and approved for all colleges by AICTE in March 2017. It was discussed and accepted by the Council of IITs for all IITs in August 2016. It was originally proposed by a Committee of IIT Directors and accepted at the meeting of all IIT Directors in March 2016. This guide has been prepared based on the Report of the Committee of IIT Directors and the experience gained through its pilot implementation in July 2016 as accepted by the Council of IITs. Purpose of this document is to help institutions in understanding the spirit of the accepted Induction Program and implementing it.)*

Engineering colleges were established to train graduates well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his study. However, he must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he would understand and fulfill his responsibility as an engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are needed. There is a mad rush for engineering today, without the student determining for himself his interests and his goals. This is a major factor in the current state of de-motivation towards studies that exists among UG students. The success of gaining admission into a desired institution but failure in getting the desired branch, with peer pressure generating its own problems, leads to a peer environment that is de-motivating and corrosive. Start of hostel life without close parental supervision at the same time, further worsens it with also a poor daily routine. To come out of this situation, a multi-pronged approach is needed. One will have to work closely with the newly joined students in making them feel comfortable, allow them to explore their academic interests and activities, reduce competition and make them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and build character.

When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. Precious little is done by most of the institutions, except for an orientation program lasting a couple of days. We propose a 3-week long induction program for the UG students entering the institution, right at the start. Normal classes start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature. The time during the Induction Program is also used to rectify some critical lacunas, for example, English background, for those students who have deficiency in it. The following are the activities under the induction program in which the student would be fully engaged throughout the day for the entire duration of the program.



- **Lectures by Eminent People**

This period can be utilized for lectures by eminent people. It would give the students exposure to people who are socially active or in public life.

- **Familiarization to Dept./Branch & Innovations**

The students should be told about different method of study compared to coaching that is needed at IITs. They should be told about what getting into a branch or department means what role it plays in society, through its technology. They should also be shown the laboratories, workshops & other facilities.

- **Universal Human Values**

It gets the student to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc. Need for character building has been underlined earlier. A module in Universal Human Values provides the base. Methodology of teaching this content is extremely important. It must not be through do's and don'ts, but get students to explore and think by engaging them in a dialogue. It is best taught through group discussions and real life activities rather than lecturing. The role of group discussions, however, with clarity of thought of the teachers cannot be over emphasized. It is essential for giving exposure, guiding thoughts, and realizing values. The teachers must come from all the departments rather than only one department like HSS or from outside of the Institute. Experiments in this direction at IIT(BHU) are noteworthy and one can learn from them. Discussions would be conducted in small groups of about 20 students with a faculty mentor each. It is to open thinking towards the self. Universal Human Values discussions could even continue for rest of the semester as a normal course, and not stop with the induction program. Besides drawing the attention of the student to larger issues of life, it would build relationships between teachers and students which last for their entire 4-year stay and possibly beyond.

- **Literary Events**

Literary activity would encompass reading, writing and possibly, debating, enacting a play etc.

- **Physical Activity**

This would involve a daily routine of physical activity with games and sports. It would start with all students coming to the field at 6 am for light physical exercise or yoga. There would also be games in the evening or at other suitable times according to the local climate. These would help develop team work. Each student should pick one game and learn it for three weeks. There could also be gardening or other suitably designed activity where labour yields fruits from nature.

- **Creative Arts**



Every student would chose one skill related to the arts whether visual arts or performing arts. Examples are painting, sculpture, pottery, music, dance etc. The student would pursue it every day for the duration of the program. These would allow for creative expression. It would develop a sense of aesthetics and also enhance creativity which would, hopefully, flow into engineering design later.

- **Proficiency Modules**

This period can be used to overcome some critical lacunas that students might have, for example, English, computer familiarity etc. These should run like crash courses, so that when normal courses start after the induction program, the student has overcome the lacunas substantially. We hope that problems arising due to lack of English skills, wherein students start lagging behind or failing in several subjects, for no fault of theirs, would, hopefully, become a thing of the past.

- **Visits to Local Area**

A couple of visits to the landmarks of the city, or a hospital or orphanage could be organized. This would familiarize them with the area as well as expose them to the under privileged.

## Summary

Engineering institutions were set up to generate well trained manpower in engineering with a feeling of responsibility towards oneself, one's family, and society. The incoming undergraduate students are driven by their parents and society to join engineering without understanding their own interests and talents. As a result, most students fail to link up with the goals of their own institution.

The graduating student must have values as a human being, and knowledge and meta-skills related to his/her profession as an engineer and as a citizen. Most students who get de-motivated to study engineering or their branch, also lose interest in learning.

The **Induction Program** is designed to make the newly joined students feel comfortable, sensitize them towards exploring their academic interests and activities, reducing competition and making them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and building of character.

The **Universal Human Values component**, which acts as an anchor, develops awareness and sensitivity, feeling of equality, compassion and oneness, draw attention to society and nature, and character to follow through. It also makes them reflect on their relationship with their families and extended family in the college (with hostel staff and others). It also connects students with each other and with teachers, so that they can share any difficulty they might be facing and seek help.

## References:

### ***Motivating UG Students Towards Studies,***

Rajeev Sangal, IITBHU Varanasi, Gautam Biswas, IIT Guwahati, Timothy Gonsalves, IIT Mandi, Pushpak Bhattacharya, IIT Patna, (Committee of IIT Directors), 31 March 2016, IIT Directors' Secretariat, IIT Delhi. Contact: Prof. Rajeev Sangal Director, IIT(BHU), Varanasi, (director@iitbhu.ac.in)



## ACKNOWLEDGEMENT

With due respect, I would like to acknowledge and express my sincere gratitude to our **Principal Professor, Dr. Manoj Kumar**, for being such an important inspiration in the development of this Student Induction Program (SIP). I thank him for his kind support and invaluable advice as I developed this report on the "Student Induction Program - 2022 (SIP-2022)". I am incredibly appreciative of Sir's ongoing assistance in making this Students Induction Program - 2022 (SIP-2022) a huge success.

I would like to acknowledge and extend my sincere gratitude to all of the **Deans** and all of the **HoDs** of the various Departments for their ongoing assistance and cooperation in ensuring the success and smooth conduct of this three-week student induction program.

I am happy to express my gratitude to the co-conveners of this program **Dr. Ashok Kumar**, Associate Professor in Chemistry in the Department of Applied Sciences and **Dr. Rajni Sharma**, Senior Assistant Professor in Mathematics in the Department of Applied Sciences, for their wonderful coordination during the Students Induction Program

I also acknowledge the coordination of the Coordinators **Dr. Neeru Sharma**, Assistant Professor in Mathematics, **Dr. Shivani Vij**, Assistant Professor in Physics, **Dr. Payal Sharma**, Assistant Professor in Physics, **Dr. Bhupinder Singh**, Assistant Professor in Chemistry who worked round the clock for their meticulous work in making the program a grand success.

My Heartfelt thanks to the all the faculty members of the Department of Applied Sciences and various technical and non-technical committee members in resolving all technical issues and their coordination on time.

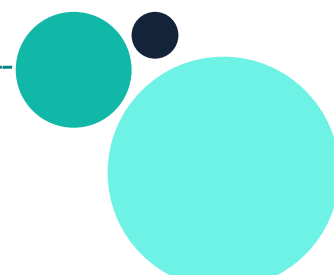
I am extremely happy to express my sense of gratitude and blessings to freshers for their active participation in this Students Induction Program. Without them surely this program would not have been possible.

**Dr. Kanchan L. Singh**  
(Convener of SIP-2022)

Associate Professor & Head,  
Department of Applied Sciences.

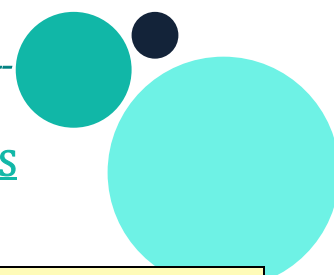


**PROGRAMME COMMITTEE MEMBERS (SIP-2022)**  
**(NAME WITH DESIGNATION)**



<b>PATRON</b>
Professor (Dr.) Manoj Kumar (Principal)
<b>CONVENER</b>
Dr. Kanchan L. Singh (Associate Professor & Head, Department of Applied Sciences)
<b>CO-CONVENERS</b>
Dr. Ashok Kumar (Associate Professor, Department of Applied Sciences) Dr. Rajni Sharma (Senior Assistant Professor, Department of Applied Sciences)
<b>COORDINATORS</b>
Dr. Neeru Sharma (Assistant Professor, Department of Applied Sciences) Dr. Shivani Vij (Assistant Professor, Department of Applied Sciences) Dr. Payal Sharma (Assistant Professor, Department of Applied Sciences) Dr. Bhupinder Singh (Assistant Professor, Department of Applied Sciences)
<b>COMMITTEE MEMBERS</b>
Mr. Kamal Kishore (Senior Assistant Professor, Department of Applied Sciences) Dr. Sunil Sachdeva (Assistant Professor, Department of Applied Sciences) Dr. Amit Sharma (Assistant Professor, Department of Applied Sciences) Dr. Anand Bajaj (Assistant Professor, Department of Applied Sciences) Mr. Ashwani Kumar (Assistant Professor, Department of Applied Sciences) Dr Nitin Kalra (Assistant Professor, Department of Applied Sciences)
<b>TECHNICAL SUPPORT</b>
Mr. Sandeep Sharma (Lab Assistant, Department of EE) Mr. Deepak Parmar (Lab Assistant, Department of Applied Sciences) Ms Deepika (Lab Assistant, Department of Applied Sciences) Mr. Sukhdeep Singh (Lab Assistant, Department of ECE)





## LIST OF STUDENT MENTORS & STUDENT VOLUNTEERS (SIP-2022)

Sr. No.	Branch	Students Name/Roll No.	Duty Assigned
1.	CSE	1. Mr. Daksh Sharma, 113/21 2. Mr. Abhayjit Singh, 103/21 3. Ms. Avneet Kaur Bal, 111/21 4. Ms. Jeenat, 124/21 5. Ms. Ankit Saini, 108/21 6. Ms. Suiditi, 157/21 7. Mr. Niyam Verma, 145/21	Display & Stage mgt. Student Mentor Student Mentor Student Mentor Student Mentor Student Mentor Discipline
2.	IT	1. Mr. Ansh Malik, 406/21 2. Mr. Rajibul Khan, 436/21 3. Ms. Shweta, 446/21 4. Mr. Vaibhav, 453/21 5. Ms. Ihsika, 424/21	Display Student Mentor Discipline Discipline Student Mentor
3.	ME	1. Mr. Gayrav, 134/21 2. Mr. Lovekesh Verma	Student Mentor Student Mentor (& Discipline)
4.	CE	1. Mr. Raghav Mehta, 618/21 2. Mr. Uday Prashar, 628/21	Discipline Student Mentor
5.	ECE	1. Mr. Damandeep Kumar, 12/21 2. Ms. Damini, 13/21 3. Mr. Japnoor Singh, 20/21 4. Ms. Yashika Sood, 60/21	Student Mentor Student Mentor Discipline Student Mentor
6	EE	1. Mr. Lakshay, 319/21 2. Mr. Vipin Kumar, 330/21	Student Mentor Student Mentor





## SCHEDULE OF THE STUDENT INDUCTION PROGRAM (SIP-2022)

DAVIET, Jalandhar  
Student Induction Program (Undergraduate) (2022-2023)  
Four Weeks Duration (5/9/2022 to 30/9/2022)

Ref. No.: 2285

Date: 03/09/2022

DAVIET, Jalandhar is going to organize a Student Induction Program (SIP) for the students of B. Tech. Ist year (Batch 2022-2026) from 5 Sept 2022 to 30<sup>th</sup> Sept 2022. Since July 2018, AICTE has introduced a mandatory 3-week long induction program for the UG students entering the institution, right at the start of the session. Normal classes start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, and develop awareness, sensitivity, and understanding of the self, people around them, society, and nature at large.

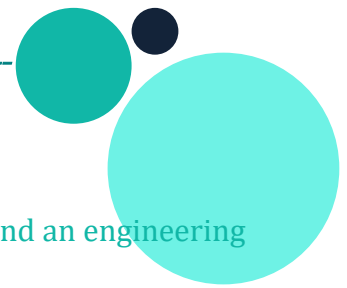
You are to report on 5 Sept 2022 at 8.30 A.M. in the Convention Hall of the institute for registration and Inauguration of the Student Induction Program.

### COURSE OUTCOMES OF STUDENT INDUCTION PROGRAM SIP-2022

After Successful completion of the course, the students are expected to:

- **CO1:** To understand the overall structure of the curriculum of the respective B. Tech programs and equip them with the prerequisites of the core subjects.
- **CO2:** To imbibe the DAVIET philosophy and core values by interacting with Dean(s)/HOD(s)/Faculty/Staff/Students/experts, and eminent personalities.
- **CO3:** To inculcate team spirit, social responsibility, and innovation through club(s) activities.
- **CO4:** To develop a holistic perspective of life and critical thinking skills for lifelong learning.
- **CO5:** To identify critical, social & environmental issues and propose workable solutions.
- **CO6:** To appreciate and be proud of our rich culture and heritage by visiting prominent nearby places.





## Program Outcomes

**PO1:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

**PO2:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using the first principles of mathematics, natural sciences, and engineering sciences.

**PO3:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.

**PO4:** Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.

**PO6:** Apply reason informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.

**PO7:** Understand the impact of professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice.

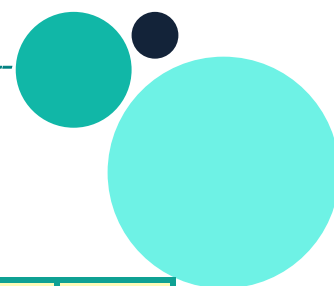
**PO9:** Function effectively as an individual, and as a member or leader in diverse teams, and multidisciplinary settings.

**PO10:** Communicate effectively on complex engineering activities with the engineering community and the society at large, such as comprehending and writing effective reports and design documentation, making effective presentations, and giving and receiving clear instructions.

**PO11:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects, and in multidisciplinary environments.

**PO12:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change."





**Mapping of COs with POs:**

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	2	3	---	---	---	---	---	---	---
CO2	---	---	---	---	---	3	2	3	2	---	1	3
CO3	---	---	---	---	---	---	---	---	3	2	3	3
CO4	---	---	---	---	---	3	3	3	2	3	2	3
CO5	---	---	---	---	---	---	3	3	---	2	2	---
CO6	---	---	---	---	---	---	3	3	---	---	---	---

**Mapping Level:**

3 - High, 2 - Moderate, 1 - Low



## Schedule for Student Induction Program (Undergraduate) (SIP-2022) Four Weeks Duration (5/9/2022 to 30/9/2022)

### WEEK-1

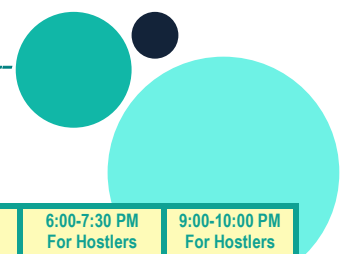
Period Day/Date	8:30 -9:30 AM	9:30-10:30 AM	10:30 -11:00 AM	11:00 AM -12:30 PM	12:30 PM -1:30 PM	3:00-5:00 PM (For Hostlers Only)				
5 Sept 2022	Registration Convention Hall	Hawan Yagyashala	Prasadam	Inauguration of SIP and Blessings Convention Hall	Interaction with parents (Class In charges) (R1 to R6) & Visit to respective Departments/Labs/Hostels etc. CO1		Visit hostel /Room Allotment			
Period Day/Date	For Hostlers Only 5:30-9:00 AM	9:00-10:00 AM	10:00AM-11:00 AM	11:00 AM -1:00PM	1:00-2:00PM	2:00 PM -3:00 PM	3:00PM -5:00PM	For Hostlers Only 6:00-7:30 PM 9:00-10:00 PM		
6 Sep, 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	(A Brief on Academic Regulation by Dean Academics (Convention Hall) CO1, CO2	Lecture on DAV Culture/Arya Samaj By Ms. Jeewan Asha (Convention Hall) CO2, CO4	Introduction to Club Activities Gp(A)/UHV/NSS Activity Gp(B) (Convention Hall/Seminar Hall) CO2, CO3	Lunch	Mentor-mentee groups - Introduction within a group. Concerned Department (EE, ECE, ME, CE, CSE) CO2, CO3	Literary Events By Dr. Anand Bajaj (Convention Hall) CO1, CO2	Evening Games/Sports Institute Playground By Mr. J. S Dhillon (President Sports) CO3, CO4	Informal interactions in hostels By Hostel wardens and in-house faculties	
7 Sep, 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	Students' Rights and Responsibilities (Dean-SA) (Convention Hall) CO1, CO2	Expert Lecture by Dr. Pallavi Khanna Counseling Psychologist (Convention Hall) CO2, CO4	Introduction to Club Activities Gp(A)/UHV/NSS Activity Gp(B) (Convention Hall/Seminar Hall) CO2, CO3		Mentor-mentee groups - Introduction within a group. Concerned Department (EE, ECE, ME, CE, CSE) CO3, CO2				
8 Sep, 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	Technical Competitions & Research Opportunities (Convention Hall) (Dean-RIC) CO1, CO2	Lecture on Public Speaking By Dr. Sharad Manocha (Convention Hall) CO4	Introduction to Club Activities Gp(A)/UHV/NSS Activity Gp(B) (Convention Hall/Seminar Hall) CO2, CO3		Introduction to Club Activities Gp(A)/UHV/NSS Activity Gp(B) (Convention Hall/Seminar Hall) CO2, CO3				
9 Sep, 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	Activity / Assignment on Self Exploration And Self Evaluation by the Students								
10 Sept 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	Assignment on Evaluation of Correct Identification of Physical Facilities by the students								
11 Sept 2022	Physical Activities Walking/Yoga/Meditation Mr. J S Dhillon CO3, CO4	Room Cleaning And Setting of Luggage								



## WEEK-2

Period Day/Date	5:30-9:00 AM	9:00 -10:00 AM	10:00-11:00 AM	11:00AM-12:00 Noon	12:00 -1:00 PM	1:00 - 2:00 PM	2:00 -3:00 PM	3:00- 5:00PM	For Hostlers Only	For Hostlers Only		
									6:00-7:30 PM	9:00-10:00 PM		
12 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Brief on Academic Regulation in Examination by COE (Convention Hall) CO1, CO2	Session on Heartfulness CO4	Activities/lecture on Gender Sensitization by Gender Sensitization Cell CO4	Diagnostic Tests for English etc. (Dr. Anand Bajaj) venue: R1-R6 (Students Mentors) CO1	Lunch	Introductory session HOD (CSE, ECE, EE, ME, CE) CO1, CO2	Literary Events (R-1, R-2, R-3) CO1, CO2	Evening Games/Sports Institute Playground	Informal interactions in hostels By Hostel wardens and in-house faculties		
13 Sept 2022		Role of physical activities in professional life (President Sports) CO2, CO3 (Convention Hall)	Session on Heartfulness CO4	Motivational Lecture on happiness by Sh. A. K Goswami CO4	Access to Digital Library and Centre for Academic Excellence (Librarian) CO2		Engineering Vocabulary (By HODs/ Sr. faculty of their respective departments) CO1					
14 Sept 2022		Introduction to Extension Activities By Dr. Ashok Kumar Nodal officer (NSS) CO5	Session on Heartfulness CO4	Universal Human Values (App Sci Faculty) Gp A/ Creative Arts (Ms. Jasdeep Kaur) Gp B CO3, CO4	Universal Human Values (App Sci Faculty) Gp A/ Creative Arts (Ms. Jasdeep Kaur) Gp B CO3, CO4		Session by Alumni (TPO) (Convention Hall) CO2					
15 Sept 2022		Session on Entrepreneurship, Placements & Start-ups by TPO CO1	Expert Talk on Role of Mathematics in real life Dr. Ashu Behl (CO1, CO2)	Computer-Based Self-Assessment Test (Cis Mr. Deepak Parmar, Ms. Dipika Kakkar) Computer Center (Labs1to 6) Core Block (First Floor) CO3								
16 Sept 2022		Visit to Junge Azadi War Memorial CO6										
17 Sept 2022		Assignment /Activity: Analysis Of Role And Participation of Individuals in The fulfillment Of Societal goal										
18 Sept 2022		Room Cleaning And Setting of Luggage										





### WEEK-3

Period Day/Date	5:30-9:00 AM	9:00 -10:00 AM	10.00-11.00 AM	11:00 AM - 1:00 PM	1:00 - 2:00PM	2:00: -3:00 PM	3:00PM - 5:00PM	6:00-7:30 PM For Hostlers Only	9:00-10:00 PM For Hostlers Only	
19 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Meditation and Mind Relaxation Session CO4, CO5 (Auditorium)	Lecture on Goal Oriented planning and Investment Strategies for Individuals by Dr. Suman Tondon (Convention Hall) CO5	Universal Human Values (App Sci Faculty) Gp A/ Creative Arts (Ms. Jasdeep Kaur) Gp B CO3, CO4	Lunch	Mission Education Program (Convention Hall) CO3	Literary Events (Convention Hall) CO1, CO2	Evening Games/Sports Institute Playground By Mr. J. S Dhillon	Informal interactions in hostels By Hostel wardens and in-house faculties	
20 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Meditation and Mind Relaxation Session CO4, CO5 (Auditorium)	Session on Art of living (Convention Hall) CO4	Universal Human Values (App Sci Faculty) Gp A/ Creative Arts (Ms. Jasdeep Kaur) Gp B CO3, CO4	Lunch	Environmental Consciousness By Dr. Ashok Kumar & Dr. M.K. Kaushik CO3, CO5	Literary Events (Convention Hall) CO1, CO2	Evening Games/Sports Institute Playground By Mr. J. S Dhillon		
21 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Meditation and Mind Relaxation Session CO4, CO5 (Auditorium)	Talent Hunt							
22 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Talent Hunt								
23 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Basic Tools in Physics / Chemistry in Engineering (IES) & Assessment Quiz, CO1	Life Skill generation cell introduction By Dr Megha Munjal & Dr Anand Bajaj, CO4	Feedback Session						
24 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Assignment /Activity: Analysis of Coexistence of an Individual with Nature								
25 Sept 2022	Physical Activities Walking/Yoga/Meditation CO3, CO4	Room Cleaning and Setting of Luggage								



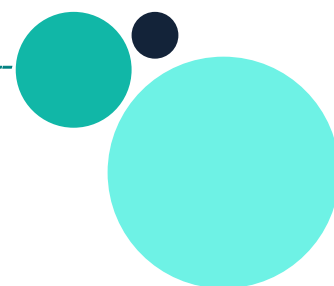


### WEEK-4

Period Day/Date	5:30-9:00 AM	9:00 AM -10:00 AM	10:00 AM -11:00 AM	11:00 AM -12:00 Noon	12:00 -1: 00PM	1:00 PM - 2:00PM	2:00 PM -4:00 PM
26 Sept 2022	Physical Activities Walking/Yoga/Meditation	Prerequisites for Physics/Chemistry CO1	Prerequisites of Math CO1	Prerequisites for Math/BEE CO1	Prerequisites of English/PPS CO1	Lunch	Basic Tools of BEE Lab/MP Lab CO1
27Sept 2022	Physical Activities Walking/Yoga/Meditation	Prerequisites for Physics/Chemistry CO1	Prerequisites of Math CO1	Prerequisites for Math/BEE CO1	Prerequisites of English/PPS CO1	Lunch	Basic Tools of PPS/EGD Lab CO1
28 Sept 2022	Physical Activities Walking/Yoga/Meditation	Prerequisites for Physics/Chemistry CO1	Prerequisites of Math CO1	Prerequisites for Math/BEE CO1	Prerequisites of English/PPS CO1	Lunch	Basic Tools of PPS/EGD Lab CO1
29 Sept 2022	Physical Activities Walking/Yoga/Meditation	Prerequisites for Physics/Chemistry CO1	Prerequisites of Math CO1	Prerequisites for Math/BEE CO1	Prerequisites of English/PPS CO1	Lunch	Basic Tools of PPS/EGD Lab CO1
30 Sept 2022	Physical Activities Walking/Yoga/Meditation	Basic Tools of BEE Lab/ MP Lab, CO1	Basic Tools of PPS/EGD Lab CO1	Valediction & Feedback Session			

NOTE: This Schedule may be modified as per the ongoing situation, nonavailability of the experts, venue, or required facility.





## List of various activities

### ✿ Physical Activities

- ✿ Walking/Yoga/Meditation
- ✿ Evening Sports/Games

### ✿ Mentoring

- ✿ Mentor Mentee sessions on 06.09.2022, 07.09.2022

### ✿ Familiarization to Dept./Branch

- ✿ Introduction about the Department and Introduction of staff members and students
- ✿ Freshers' day
- ✿ Talent Hunt Days
- ✿ Virtual Campus Tours

### ✿ Creative Arts and Cultural Clubs

- ✿ *ClickEr* Photography Club
- ✿ *Alfaaz* Literary Club
- ✿ *Ashwa* Dance Club
- ✿ *Arteso* Art & Design Club
- ✿ *Pragyaan* Quiz Club
- ✿ *GDSC*: Google Developer Students Club
- ✿ *Wordsmith* English literary Club
- ✿ *Ayojaks* Roles & Play Club
- ✿ *Strings & Sargam* Music Club
- ✿ *Kalakarz* Acting Club
- ✿ *Giddha Girls* folk dance gidhha Club
- ✿ *Bhangra* Club
- ✿ *Spic Macay* heritage and traditions Club
- ✿ *Shaan-E-Dastaar* Punjabi rituals 'Turban' Club

### ✿ Literary Activities

- ✿ Library Resources and Facilities
- ✿ Literary activity in different Languages - Hindi, Punjabi & English

### ✿ Lectures by Eminent People

- ✿ Motivational Lecture by **Mr. Simerjeet Singh**, an international motivational speaker
- ✿ Lecture on Importance of *Vedas* in our life by **Acharya Raju Vigyanik**, an eminent Arya Samajist.
- ✿ A lecture on the topic "DAV Culture and Arya Samaj" by **Dr. (Mrs.) Jeevan Asha**, Associate Professor & Head, Department of Sanskrit, DAV College.
- ✿ Lecture by **Dr. Pallavi Khanna**, a TISS Mumbai-trained counselling psychologist
- ✿ A lecture on "Public Speaking Skills" by **Mr. Sharad Manocha**, Associate Professor, Department of English at DAV college, Jalandhar.
- ✿ Lecture by **Ms. Parveen Abrol**, Founder & President of the NGO: Divya Drishti.
- ✿ A motivational session by an eminent personality and international motivational speaker **Ms. Tarveen Kaur**.
- ✿ Lecture on heartfulness conducted by the eminent speaker **Ms. Swarcha Mehra** a well-known heartfulness trainer.



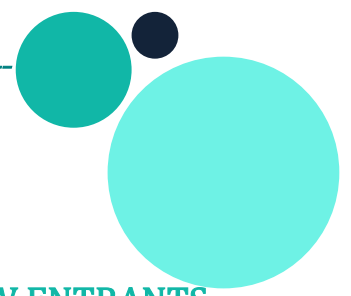


- ☼ Lecture on the topic "Attitude is Everything" delivered by keynote speaker **Sh. A. K. Goswami**, eminent personality and motivational speaker.
- ☼ Lecture on heartfulness by **Ms. Manjula Verma**, Government mistress and Heartfulness Trainer
- ☼ Lecture on the topic "Voter Awareness" by **Dr. Surjit Lal Sahota**, Lecturer in English & Career Counsellor, District Assistant Nodal Officer (SVEEP & DAPO)
- ☼ Lecture on topic 'Mathematics in real world' by **Dr. Ashu Bahl**, Associate Professor, DAV College, Jalandhar
- ☼ A three-day meditation and mind-relaxation session by **Sh. Abhishek Mehra**, District President of Yuva Bharat, Jalandhar
- ☼ Lecture on the topic "Ayurveda for the Holistic Health" by **Dr. Manu Hallan**, Ayurvedic Medical Officer at Government Ayurvedic Dispensary, Gajipur, Jalandhar.
- ☼ Lecture by **Dr. Sapna Sethi**, Associate Professor in DAV University, Jalandhar on the topic "Unbounding the Future with Nanoscience and Nanotechnology"

☼ **Extra-Curricular Activities in College**

- ☼ Havana Yajna on day one
- ☼ Freshers' day
- ☼ Talent Hunt's Days
- ☼ Human Values Activities





## REPORTS

### DAVIET KICKSTARTS INDUCTION TRAINING (SIP-2022) FOR THE NEW ENTRANTS

DAV Institute of Engineering and Technology started the Student Induction Program (SIP) for the new entrants of B.Tech First year here today i.e. September 5, 2022. The Induction Training aims to equip the students with the necessary skills set to perform well in the latest phase of their lives. During the program, students will be provided information regarding Research Opportunities, Academic Initiatives, Job Scenarios, and the required skills set, Community Services Initiatives, Entrepreneurship Cell, Sports, and Culture Activities. The program was started by performing havan yajna for acquiring the blessings of almighty GOD. Few glimpses:



The unique attraction was the keynote address on day one by Mr. Simerjeet Singh, an international motivational speaker, and Acharya Raju Vigyanik, an eminent Arya Samajist. Dr. Kanchan L Singh, Head Department of Applied Sciences, welcomed the new entrants. She highlighted that DAV provides a unique blend of modern scientific knowledge with rich Vedic Arya Samaj Values. Further, she added that in the modern-day world, having the technical know-how is essential, but at the same time, understanding social responsibility leading to mutual harmony is a must. She highlighted the need to remain motivated and focused during the tough times of the pandemic to bring about new dawn where everyone is safe and healthy. She also encouraged the students to give their best to follow in the footsteps of their seniors who have made stellar achievements making DAVIET a high seat of learning.

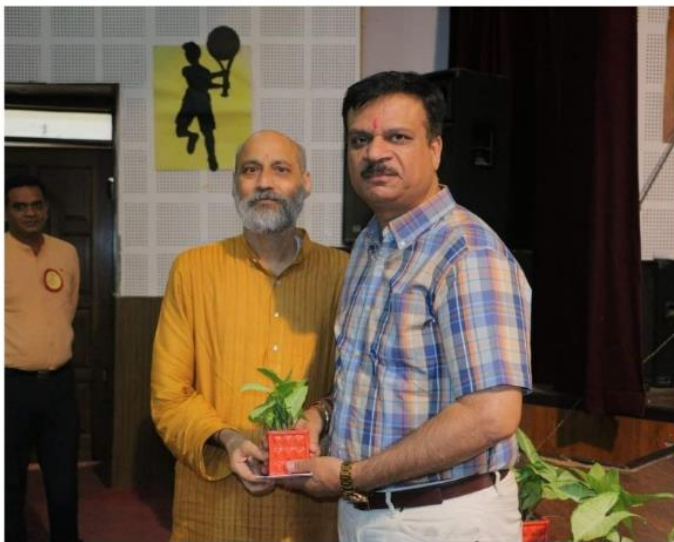
The chief attraction of the day was the keynote address by Mr. Simerjeet Singh, a motivational speaker of repute. He wanted the students to understand that they should not try to be someone else and try to be the best version of themselves. He stated that we should commit to a positive view of life every day. He also shared that the students must give their best and enter into a partnership with the institution to get the best results. He highlighted the importance of knowing one's purpose because life is like a rudderless ship without a purpose. He also shared the need for passion and commitment toward one's goal. He highlighted that one could succeed in life by treading on uncharted territory. He advised the freshers to keep good company because our company decides who we are. He asked the students to practice Kaizen, achieve small wins to boost self-esteem and make efforts without expecting applause. He asked the students to develop two essential skills: problem-solving and communication skills. He also asked the students to set their priorities right and become professionally responsible, and register on LinkedIn. He shared that adaptability is the buzzword that can take an individual places, and in the current Covid-19 scare, it has become the chief survival skill. He enthused the students to dream big and give their best to make learning a habit. Few glimpses:





Another Eminent speaker Acharya Raju Vigyanik also interacted with the students and highlighted the importance of Vedas in our life. He touched upon the lives of Maharishi Dayanand Saraswati and Mahatma Hansraj to emphasize that the need of the hour is to become good human beings to transform society. He urged the students to remain sincere, humble, punctual, and value time. In a very interactive way, he touched upon various problems facing modern man today. He highlighted the problems in front of the current generation and highlighted that the solutions out to be found holistically He also highlighted that monetary success alone could not ensure happiness and prosperity in one's life. He stressed that means should justify the ends in each of the pursuits of man. Few glimpses:





Dr. Manoj Kumar, Principal DAVIET, welcomed the new entrants to the DAVIET campus. He highlighted that by securing a seat in the institution, the students took that initial step towards achieving their goals as DAVIET is a nationally acclaimed technical education institution. He highlighted that we are passing through unprecedented times, but DAVIET is fully prepared to tackle any exigency. He highlighted the achievements of the alumni and motivated the new entrants to follow in the footsteps of their seniors. He also shared that DAVIET is the only institution MSME recognized as a host institution. He urged the students to develop unique ideas about entrepreneurship, and the institution could help get a grant of up to 15 lakh for the project. Finally, he urged the students to give their best in every situation and be the flag bearers of DAVIET. Day one concluded with the students and the parents interacting with the Department of Applied Sciences faculty.



## DR. (MRS.) JEEVAN ASHA INTERACTED WITH THE NEW ENTRANTS OF B.TECH. DURING STUDENT INDUCTION PROGRAM - 2022

Dr. (Mrs.) Jeevan Asha, Associate Professor & Head, Department of Sanskrit, DAV College interacted with new entrants and delivered a lecture on the topic "DAV Culture and Arya Samaj"



The lecture began with a definition of DAV. Dayanand Anglo Vedic is known as DAV. It abides by the rules of the Arya Samaj, which Swami Dayanand Saraswati Ji founded on April 10th, 1875. Mula Sankara was his given name. At that time, girls were not afforded the same rights as boys, including the opportunity to education. He promoted girl education, widow remarriage, and outlawed child marriage. Gurukuls and the Vedic Vidyalaya were founded by him. Arya Samaj was founded with the four Vedic concepts



of Vigyan, Karma, Upasana, and Gyan in mind. There were initially only 100 members of the Arya Samaj, but today there are many more. The major ten visions of the Arya Samaj were developed with the idea of secularism in mind. God is the effective cause of everything that is real knowledge and everything that is understood via knowledge. God is eternal, wise, and joyous. He is the creator of everything, formless, omniscient, merciful, just, unborn, endless, unchangeable, beginningless, and unparalleled. He is also omnipresent, immanent, unaging, immortal, fearless, eternal, and holy. Only He is deserving of worship.

She explained that the source of all genuine knowledge is found in the Vedas. All Aryas have a moral obligation to learn them and to read them aloud to others. One should always be willing to discard lies and accept the truth. All actions should be carried out in accordance with Dharma, or after careful consideration of right and evil. The Arya Samaj's main goal is to improve the world, which includes advancing everyone's physical, spiritual, and social well-being. Love, righteousness, and fairness should be the guiding principles of how we treat everyone. We must combat ignorance (Avidya) and advance knowledge (Vidya) (knowledge). Nobody should limit themselves to advancing their own interests; rather, they should seek out opportunities to advance the interests of others. In order to fulfill the social norms designed to advance everyone's well-being, one should see themselves as constrained, although everyone should have freedom when doing so.

The vote of gratitude by the head and faculty of Applied Sciences, brought an end to the lecture. All the students found the talk to be very fruitful, beneficial and appreciated it.

### LECTURE DELIVERED BY DR. PALLAVI KHANNA, AN EMINENT COUNSELLING PSYCHOLOGIST DURING STUDENT INDUCTION PROGRAM - 2022

A lecture was organized during SIP - 2022 for the freshers in which the keynote speaker was Dr. Pallavi Khanna, a TISS Mumbai-trained counseling psychologist with decades of experience in counseling for a variety of issues related to anxiety (generalized anxiety disorder, OCD, phobias, Social anxiety disorder, psychosomatic disorders), borderline personality disorder, eating disorders, depression, family conflicts, and relationship stress, as well as extensive experience working with students in schools and colleges to help them overcome self-confidence and acceptance-related stress.





She opened the Jalandhar's first counseling centre in 1995. Dr. Pallavi Khanna began her counselling and psychology session by interacting with the new students and asking about their psychological issues. The students responded and gave her a list of issues, some of which included societal pressure, over thinking, insecurities, anger management, stress management, procrastination, and self-belief. She continued by citing a quotation from Sadhguru to describe happiness: "The quality of your existence depends not on your clothes, car, or home, but on how serene and content you are."

After that, she offered some remedies to issues including procrastination, tension, overthinking, pessimism, and emotion resilience. Her advice to the pupils included assessing one's thoughts and feelings, looking for unreasonable thinking, being aware of triggers and patterns, and being conscious of one's own self-talk. She also gave the





students assignments like learning how to be joyful. A very informative and knowledgeable session ended with vote of thanks by Dr. Kanchan L. Singh, convener of SIP-2022 along with the faculty of Applied Sciences Department.

### SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "A BRIEF OF ACADEMIC RULES & REGULATIONS"

A session (lecture) was organized during SIP - 2022 for the freshers in which the keynote speaker was Dr. Sudhir Sharma, Dean Academics, DAVIET as well as Head Department of Electrical Engineering. The lecture began with a comparison of the old and modern educational systems.



In the previous educational system, only test results were taken into account; however, DAVIET concentrates on modern an outcome-based approach in which students are assessed periodically during the whole year. He explained that the balance between academic and extracurricular activities should be maintained by students. He said that the primary goal of the Academic Department is to give the pupils the highest possible standard of education. Competence, integrity, creativity, innovation, trust, excellence, and community are the pillars of the Academic division of DAVIET. Both knowledge and skills are necessary. He took an example that if for instance, a doctor cannot provide the best care for a patient that is due to the reason because he or she only possesses theoretical knowledge and lacks practical knowledge. He guided that students will learn more if they ask more questions. He said that DAVIET adheres to the Bloom's taxonomy, which describes and distinguishes the various levels of human cognition, including thinking, learning, and understanding. He informed that there are two groups in B. Tech. first-year: one is Chemistry Group and other is Physics Group. The three main components of all undergraduate and graduate degree programmes are core courses, elective courses, and inter-departmental courses. After completing six additional subjects in addition to their core subjects after the first year, including MOOC courses, students may choose to pursue a minor degree. He informed that a student must have high moral character, have remained on the college's rolls, and have attendance of at least 75% in each course in order to be qualified to appear in any semester test. A very informative and knowledgeable session ended with vote of thanks by Dr. Kanchan L. Singh, convener of SIP-2022 alongwith the faculty of Applied Sciences Department.

### SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "STUDENTS' RIGHTS & RESPONSIBILITIES"

A session was organised for the new entrants on the topic "Students' rights & Responsibilities". By familiarising the new students with the resources provided by DAVIET, Jalandhar, Dr. Sanjeev Naval, Dean - Students' Affairs and Head Department of Civil Engineering began his interactive session. He began his list of amenities by mentioning DAVIET's three hostels (which he named Raavi, Satluj, and Beas) The institute's status as a zero-waste organisation was another topic he covered with the pupils. He explained to the pupils that DAVIET has a strong anti-ragging committee in place that is always available to help the students and that the institution is very strict about ragging. Additionally, he gave the students an update on the various programmes, startups offered at their institution and the opportunity DAVIET provides for students



who have original and creative ideas that have the potential to grow into businesses and industries.



Next, he engaged in conversation with students while outlining several ways that a student could improve. He then engaged in conversation with the kids while outlining possible paths to becoming a class one officer at the state or centre level. Then he explained to the students their obligations and rights as students, one of which was the right to national-level education so that they could pass national exams and address both academic and practical issues. He continued by reminding the pupils of their duties and wishing them luck in their future endeavours.



## A SESSION ON "PUBLIC SPEAKING SKILLS" ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS

On the fourth day of Student Induction Program -2022, a lecture on "Public Speaking Skills" was organised in which Mr. Sharad Manocha, Associate Professor from Department of English at DAV college, Jalandhar was the resource person. He is a renowned personality in the field of public speaking.

He began the speech by presenting the idea that in extracurricular activities, anyone can succeed, but the most crucial ability is 'public speaking'.



Today, effective communication is absolutely necessary. As India moves from being a developing to a developed country, more people are choosing to work in the tertiary sector of the economy. This industry covers a wide range of pursuits, including business,



administration, transportation, finance, and real estate. All of these operations required effective communication. Priority is given to those who have better communication skills when placing candidates for jobs.

Good communication skill can be acquired by practicing. He advised students that the main tips to keep in mind during public speaking are :

- 1) Always use short sentences as they are easy to remember.
- 2) Pauses during speech are important as you can take time to breathe.
- 3) Preparation is most important. The more you prepare, more better will be the result.
- 4) Whenever you use a quote, always verify all the facts.
- 5) Always prepare before mirror.
- 6) Keep in mind your audience.
- 7) Develop your own style and try to be brief.

He advised students to approach to the mic slowly whenever giving a speech because doing so will allow you time to breathe, which will help you to relax and to calm down. After that, check your mic and adjust it to suit your voice. Try to keep the audience in your line of sight but don't make eye contact, instead focus on their forehead. Read and practice more & more, then you will have a lot of knowledge and it will also help in increasing your vocabulary. Always try to note down things. All these tips by the keynote speaker made the students overwhelmed. Students were very much impacted by this kind of effective lecture delivered. Really Mr. Sharad Manocha thrilled the audience with his highly knowledgeable lecture on public speaking. Students found it fruitful and beneficial for future. At the end, Head of the Department and convener of Student Induction Program - 2022, Madam Dr. Kanchan L Singh along with the faculty of Applied Sciences thanked Mr. Sharad Manocha for his lecture and interaction with the new entrants.

## A LECTURE WAS ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON THE TOPIC "TECHNICAL COMPETITIONS & RESEARCH OPPORTUNITIES"

On the fourth day of SIP-2022 (Student Induction Program) a lecture was organised for freshers on the topic 'Technical Competitions & Research Opportunities'. The resource person for the talk was Dr. Jagjit Malhotra, Dean - RIC and Associate Professor, Department of ECE, DAVIET, Jalandhar. The session started with the explanation of the role of R.I.C. i.e. Research and Incubation Centre, which is to help the students in their research and help them grow their ideas. Sir explained that students can enrol themselves on SWAYAM and NPTEL portal's free courses which are provided mostly by IIT's, NIT's and many other prestigious universities or institutes. These courses are of duration 4 to 12 weeks. A student can enrol in more than one course at a time.





After completing the exam they can receive certificate provided by IIT's, NIT's, etc. In the earlier times, only applicants for higher education used the GATE Examination, he said. The GATE score is now taken into account by both public and private sector employers when placing qualified pupils. This action is required because some institutions provide grades to pupils at random and not in accordance with their abilities and knowledge. Everyone has an equal chance to participate in GATE and demonstrate their knowledge at the same level.

He then explained that if any student has any kind of innovative idea he/she can contact R.I.C cell. If the idea is novel enough then the government will support them by providing a grant of 10,000 for the prototype preparation.



Many events are conducted by government related to this. If an idea reaches national level then that idea can also be patented. He advised the freshers that always try to enhance your knowledge. Try to take initiative as no one will help you if you don't ask them. Approach your teachers as they are the best guides you have got. With these words the lecture reached to its end. Head and faculty of the Department of Applied Sciences thanked Dr. Jagjit Malhotra for his valuable talk and interaction with new entrants.

### AN INFORMATIVE & MOTIVATIONAL SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON 12 SEP, 2022

In the second week of Student Induction Program - 2022, a session organised for the freshers in which the keynote speaker was Ms. Parveen Abrol, Founder & President of the NGO: Divya Drishti. She started her talk by introducing an idea that a person shouldn't make excuses. She advised that making excuses won't help anyone to achieve in life. Instead of making excuses, one should make efforts with the available resources for a successful life. Making efforts toward our aims is necessary if we want to succeed in life or attain our goals. If we make mistakes when accomplishing something, we shouldn't be upset because mistakes are proof that we're striving to accomplish our objectives. Making mistakes is not a terrible thing, but it is problematic if we keep making the same ones. We need to be careful with our time if we want greater results. The most valuable resource we have in life is time since it cannot be recovered after it has passed.

Our behaviour should be morally upright. She added that the person whose actions benefit others as well as himself is a good person. A good person avoids actions that disrupt the lives of others. The greatest amount of effort should be made because overcoming difficult tasks can significantly enhance one's position in life. Without suffering, there can be no gains.







She advised that nature should always be around us. Become a part of nature. Nature should always be protected. We must take a very significant lesson about equality from nature. There are no biases in nature. A wealthy individual receives the same amount of sunlight as a poor person. She added that we should have mental self-control for a joyful and content life. A healthy body may greatly assist us in making sensible decisions regarding our efforts. Therefore improving health is another crucial aspect of our lives. Then she advised that the most important thing in our lives, after food, clothing, and housing, is education. An educated person is capable of making sensible decisions, and knowledge also improves one's quality of life. Money can be stolen, but education cannot. This is a very important distinction. One thing to keep in mind is that "dreams are not what we see when we sleep, but rather, dreams are what prevent us from falling asleep."



A very informative and knowledgeable session ended with vote of thanks by Dr. Kanchan L. Singh, convener of SIP-2022 alongwith the faculty of Applied Sciences Department.

### A MOTIVATIONAL SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON 12 SEP, 2022

A motivational session was organised for the freshers of 2022 Batch of B. Tech. during Student Induction Program -2022 in which the keynote speaker was an eminent personality and international motivational speaker Ms. Tarveen Kaur.



The session began with an explanation of the distinction between mindset and state of mind. She clarified that while state of mind is the condition of the mind that changes over time and is a temporary situation, mindset is the condition of the mind that has been established with conditions that we receive from our surroundings starting in childhood.



She continued, saying that having a good outlook is important, and that we should concentrate on things that help us do that. However, modern medical science has demonstrated that genetic conditions can also be changed. Some people hold the belief that positive and negative mindsets are genetic mental conditions that cannot be changed. She emphasised that we should constantly be focused on our objectives because where we want to go is more important than where we came from or what our backgrounds are. We should decide what are our goals in life. Such possibilities for decision-making will be provided by life, and we must be sure not to pass them up. We all wash our bodies to prevent germs from hurting us. Similar to this, we must also clean our minds so that unfavourable thoughts cannot injure us. The distinction between a victim's perspective and a winner's mindset is another thing we learn. A victim's perspective always cites reasons why only I should succeed, whereas a winner's mindset always finds a solution using the tools at hand. Create a "to do" list so that we are aware of the tasks that need to be completed and when. Time is a highly valuable resource in life. Therefore, time management should be a part of our lives.

She explained that in order to succeed, we should respond to four questions, which are

1. Where am I now?

(Current Reality)

2) How did I get here?

(Strength)

3.) Where am I headed?

(Vision)

4.) How am I going to get there? (Strategy & Plan)

She ended up with the learning that it is okay to make mistakes because if we are making mistakes that means at least we are trying to do something. All students were overwhelmed by the content and learnings of the lecture. A very informative and motivational session came to an end with claps and vote of thanks by Dr. Kanchan L. Singh, convener of SIP-2022 alongwith the faculty of Applied Sciences Department.



## A TWO DAYS SESSION ON HEARTFULNESS WAS ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 ON 12-13 SEPTEMBER, 2022

During second week of SIP-2022 a two days session was organised on heartfulness conducted by the eminent speaker Ms. Swarcha Mehra a well known heartfulness trainer. Ms. Mehra represented the heartfulness organisation, a non-profit organisation that is also spiritual. She was advising the newcomers on self-improvement because after the pandemic they had lost motivation and aspirations. Since students suffered a lot mentally after the pandemic COVID-19 so she gave them tips on how to enhance their mental health.



She talked about how being present in the moment—knowing what is going on around you, having fun and finding enjoyment in the little things, having a safe space, and telling



those close to you what is on your mind or heart—can help with mental health. She also spoke about the value of moral principles in a time when young people think it's cool to be nasty and not lend a hand to those in need. By embracing positive stress and waving goodbye to negative ones, one can transform from being stressed to being strong. Procrastination should also be avoided because it adds to stress. She claimed that meditation is a method for training the mind to focus on a single thing for an extended length of time. The human brain's primary function is thought, and throughout the day, the association process allows the brain to bounce from one idea to another. Meditation is necessary since our thoughts are not naturally accustomed to concentrate on one thing at a time. She added that on the one hand, meditation can increase your ability to concentrate, focus, and work more efficiently. Additionally, it helps to lower stress and anxiety while also improving the quality of your sleep. On the other hand, it supports the growth of inside qualities like serenity, happiness, and a sense of simplicity and peace.

With the words "know your strength to know the power of intentions together with will-power will lead to success," she concluded the two day session on heartfulness.

Really the learnings shared by Ms. Swarcha Mehra and meditation activities done in the lecture made the mind relaxed and soul active. A very effective session came to an end by the blessings of speaker. Dr. Kanchan L. Singh, convener of SIP along with the faculty of Applied Sciences thanked Ms. Swarcha Mehra for her valuable time to interact with the freshers and providing them skills to enhance there inner strength to succeed in life.



## FRESHERS ARE INTERACTING WITH THEIR RESPECTIVE SENIOR FACULTIES OF THEIR CORE DEPARTMENT DURING ENGINEERING VOCABULARY SESSION DURING SIP-2022



Really it was a fruitful session for the freshers which was also appreciated by the students



## FRESHERS TAKING PART IN VARIOUS GAMES/SPORTS ACTIVITIES DURING EVENING SESSION IN INSTITUTE PLAYGROUNDS UNDER THE GUIDANCE OF MR. J. S. DHILLON, PRESIDENT SPORTS



## MENTOR-MENTEE GROUPS - INTRODUCTION WITHIN A GROUP BY THE CONCERNED DEPARTMENT

(EE. ECE. ME CE CSE)

So that the new recruits may become familiar with their primary engineering branch and the surroundings of their department, a session for mentor-mentee meeting was organised during SIP-2022. The interaction between the newcomers and their mentors



during this session enabled every student to feel at home and prepared for their future academics. With their mentors, they can talk about challenges and problems.



## A SERIES OF SESSIONS ON UNIVERSAL HUMAN VALUES AND PROFESSIONAL ETHICS WAS ARRANGED FOR FRESHERS DURING SIP-2022

A series of lectures on UHVPE was arranged by the faculty of Department of Applied Sciences in UHVPE for the freshers in B.Tech. during Student Induction Program -2022. The keynote speakers for the series of sessions are Dr. Kanchan L Singh, Convener SIP-2022 and Human Values Cell (DAVIET) & Head Department of Applied Sciences, Dr. Shivani Vij, Assistant Professor Department of Applied Sciences and member of Human Values Cell and Dr. Payal Sharma, Assistant Professor Department of Applied Sciences and member of Human Values Cell.





The eminent faculties emphasized that value education attempts to build the crucial link between the current state of humanity and the desire for a peaceful, wealthy world. Through this education, an effort has been made to alert our stakeholders to the issues and difficulties that they must face on a personal, family, societal, and environmental level. Students are encouraged to engage in self-exploration to distinguish between right and wrong and to stick with decisions made based on their natural acceptance through the use of a lively dialogue method.



The feeling of alienation and rootlessness is the most significant issue facing modern man.

They emphasised that The majority of individuals still have unanswered questions about life's meaning and one's role in the world. People encounter issues at the individual level,



as well as at the levels of family, community, and nature, when their goals are not correctly understood. Regardless of the level of existence we choose to focus on, people are restless, unhappy, jealous, and stuck. When forced to deal with nature, they continue to operate in the same way, ruthlessly and blindly exploiting the environment. The goal of education is to give people all-encompassing answers to their issues. The problem of the current system is that it places more emphasis on the development of skill sets than on developing pupils into logical, independent thinkers. The tragedy of the current educational system is that it places more emphasis on developing students' skill sets than on developing them into thoughtful, responsible, and sensible adults who can make decisions for the welfare of the general public without endangering the coexistence with nature.

They elaborate that This education, which involves a systematic and logical examination of the human being in relation to the rest of existence, is globally adaptable. It is devoid of all theology and moral guidelines. It is a journey of self-discovery, not of preaching. The students are given the reality as a proposition and given the tools they need to independently check it using their own Natural Acceptance and Experiential Validation. This process of self-discovery begins as a discussion between the teacher and the students and ends with the student(s) themselves. They can assess their current beliefs and preconditionings as a result of this self-exploration.

### A LECTURE ON "ROLE OF PHYSICAL ACTIVITIES IN PROFESSIONAL LIFE" WAS ARRANGED FOR FRESHERS DURING STUDENT INDUCTION PROGRAM -2022

A lecture on "Role of physical activities in professional life" was arranged for freshers during SIP-2022 in which the keynote speaker was Mr. Jaswinder Singh Dhillon, Director & Head Sports, DAVIET.

He influenced the freshmen to participate in sports and learn new skills, if they prefer to do so. He argued that education is key to success but nothing is successful if u can't be physically active. he referred students that sportsmen spirit is key in life to achieve their goal and even participate in sports event or any event where the competitive spirit is high and adrenaline rush is higher than never before. Once the audience was swayed by his words, he tried his best to motivate the newcomers to participate in sports so that they can build a career in it, if they prefer or be an engineer as they are becoming. Being a sportsmen along with engineer isn't an easy call, you require punctuality, self-belief and





patience to achieve what you desire. He tried to influence them and asked them to toil this four years of their life to have a path lined in their way. He gave an example of ex alumni Yuvraj singh, who fought his way back from cancer to sports as sports plays an essential role in his life. He concluded as he said physical activities reduce stress and helps to concentrate more. An enthusiastic and energetic lecture came to an end with a loud voice of claps for the speaker Mr. J. S. Dhillon for his energetic speech. Dr. Kanchan L. Singh, convener, SIP and Head of the Department of Applied Sciences along with the faculty of the Department thanked Mr. J. S. Dhillon for his kind words.



## A LECTURE ON "ACCESS TO DIGITAL LIBRARY & CENTRE OF EXCELLENCE" ORGANISED FOR THE INTRODUCTION OF INSTITUTE LIBRARY AND ITS RESOURCES ON 13 SEPTEMBER, 2022 DURING INDUCTION PROGRAM



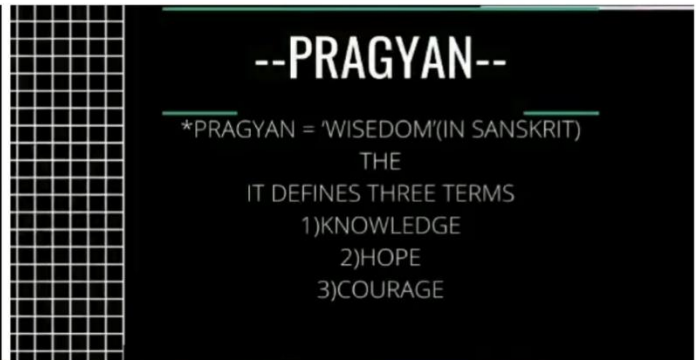
Mr. Rajinder Sharma, Assistant Librarian, DAVIET, gave a presentation on "Access to Digital Library & Center of Excellence" during SIP-2022 to introduce the freshmen to the knowledge & content of their institute library and the resources. In his interactions with the students, he explained to them that the library serves as the centre of academic activities that support the institution's objective to achieve excellence in education and research. He gave the knowledge of the access to the digital library as well as the connected e-resources available for the students in DAVIET. This session covered and briefed about all the available stock of books, resources, journals, magazines, etc., library



software how it works. By fostering a user-friendly environment, the library encourages students to make the best use of its resources. After the lecture, students were taken on a tour of the library, where they were shown how to use all of the facilities. The session ended by the vote of thanks by Dr. Ashok Kumar, Associate Professor along with the faculty of Applied Sciences Department. The lecture was very helpful for freshers and really appreciated by them.

## INTRODUCTION OF VARIOUS CULTURAL CLUBS ORGANISED BY THE CULTURAL DEPARTMENT FOR THE FRESHERS DURING STUDENT INDUCTION PROGRAM-2022

“Art is longing. You never arrive, but you keep going in the hope that you will”



Education life is a beautiful blend of three main courses: academics, sports and cultural. In the student induction programme 2022, DAVIET brings the cultural week. The cultural week started with the introduction of various cultural clubs, we have at DAVIET.

There are 13 cultural clubs whose members work day and night to improve their skills in their respective fortes. As the freshers join the DAVIET family, they were introduced to all the various clubs in a very gracious manner. Representatives from each club came forward and illustrated their respective clubs in detail through videos and their effective words.

Headstarting the event, came the first club: WORDSMITHS who instilled a vision to stand amidst crowd and express oneself. Up next was the writing club ALFAAZ who penned the value of words in our expressions. Next was the AYOJAKS, they made everyone realize what role and event manager plays in successful conclusion of any event. Tuning on to the strings of guitar, the club STRINGS & SARGAM melodiously invited freshers to their club.

Next up, came the acting club- KALAKARZ. The club members invited the students to join their club through a play. The quiz club-PRAGYAN motivated on how quizzes. Then comes the ASHWA, they made a way to everyone's heart through their power pack dance performance.

A king is crowned once in his life, but a Singh is crowned every morning. SHAN-E-DASTAR depicted the ritual of tying turbans and the value this holds for them. The Art and science of photography was well depicted by the club CLIKR. To preserve our heritage and traditions, the club SPIC MACAY invited students to volunteer.

Art is a line around your thoughts. This was well illustrated by the club ARTESO. Next up, the GIDDHA girls gave a giddha performance and the members of BHANGRA club tapped on the beats of dhol. This was the time when traditional dances ignited spark of joy in all.

### INTRODUCTION TO CLUB ACTIVITIES ORGANISED FOR FRESHERS BY CULTURAL DEPARTMENT DURING STUDENT INDUCTION PROGRAM - 2022

A series of sessions for the introduction of various clubs and arts activities of DAVIET was organised by the Cultural Department during Student Induction Program - 2022 for freshers. The program started with the brief introduction of the cultural societies of the



college stating that the cultural committee provides the students with a lot of opportunities to show their talents in variety of events and competitions.



After that, the cultural officer, Ms. Jasdeep Johal, addressed the students and motivated them with a speech. She explained that the student life is a large part of any college experience. Apart from academics, a sense of entertainment is central to colleges and student development. After that, the events started. The students were introduced to the events of various clubs. It was a 3 day-long program. There were music, recitation, dancing, extempore speeches, chorus, folk dances and stage dramas. The teacher and student coordinator of the cultural committee take a lot of efforts to plan, to guide, to organize the cultural events. All of the newcomers got active and joined various clubs. Throughout these sessions, they picked up numerous club activities. Senior club heads

trained the students so that the newcomers would join their teams and represent the clubs in the future. The freshmen will benefit much from these sessions in terms of their cultural development, and some excellent talents will undoubtedly emerge as a result.

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "A BRIEF ON ACADEMIC REGULATIONS IN EXAMINATIONS"



A session was organised for the freshers during SIP-2022 for introducing the students a brief on academic regulations related to examinations by the Controller of Examinations, Dr. Davinder Priyadarshi. He informed the new entrants about the rewards for performing well on the internal evaluation. He explained to them the requirements, which include attendance, MSTs, quizzes, assignments, and make-up tests; he told them that 75% of the time was required for attendance in order to appear in the examinations.





He showed them how to access the PTU website, where they can find practically everything as well as the policies and guidelines they adhere to. He made it obvious to them that they have to pay for the IKG-PTU examination at the end of semester in order to appear in examination, and also explained that if they have bad luck to pass the examination(s) they would have to reappear in it and try again the following semester or the following year. He warned them about cheating or engaging in dishonest practises because UMC can occur very simply which can spoil a precious and irreversible time of the student. One has to be very careful and avoid these practices and instead of that try to be focussed in there studies. He also explained the procedure of accessing there results from the IKG-PTU website after registration onto the portal at the suggested time. He explained about various rules and regulations related to examinations from start to finish of the semester. The session got its by the claps of the freshers and a vote of thanks by the head and faculty of Applied Sciences Department.

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON THE TOPIC "ATTITUDE IS EVERYTHING"

A session on the topic "Attitude is Everything" was organised for the freshers during Student Induction Program - 2022 in which the keynote speaker was Sh. A. K. Goswami, en eminent personality and motivational speaker. He began his session with a question asked to students

"What is attitude?"

He then answered that an attitude is a manner of being, thinking, or feeling. Similar to how helium lets a balloon fly in the sky, attitude is something that allows us to fly through the air. If we alter our mindset, we can accomplish anything. There are two categories of attitude:

1. Self, such as respect and self-esteem, and
2. Others, such as job, employer, country, parents, or friends.

He advised that we should be aware of the fact that nobody will respect you if you don't respect yourself. We must first respect ourselves if we hope to earn the respect of others. We ought to cherish ourselves. This is the spice of life. He added that the attitude we have, whether positive or negative, is another crucial factor. A positive attitude can help us live a successful life, whereas a negative attitude can cause major problems for us. The double-edged sword of negativity can hurt us from both ends. Our attitudes are influenced by our surroundings, experiences, and education. We are all aware that the



environment will change from what it is today. The environment itself changes. It plays a significant part in forming our attitude. He explained that attitude is like an iceberg. Only 10% of the icebergs are visible above sea level, with 90% of them being submerged under it. Similar to how only 10% of our attitude is visible, 90% of it is buried within us. The 90% of our attitude that makes up our behaviour is influenced by that 10%. Behavior is greatly influenced by attitude. Therefore, we must ensure that we have a good mindset rather than a negative one.



He explained that a person's attitude encompasses a number of crucial elements, including their values, ideals, moral standards, motivations for living, and ethical and religious beliefs. There isn't a problem out there that can't be fixed. Every issue can be resolved; all we need to do is alter our perspective. To succeed in life, we need to have



thoughts that lead to action, and that action turns into habits that strengthen our character and ultimately take us to our destiny. Energy is created by thought. We ought to mentally bake our ideas. The lesson we should take away from the session is to constantly have a "can do" mentality. Session ended with the vote of thanks delivered by Dr. Kanchan L. Singh, convener of SIP-2022 and Head Department of Applied Sciences accompanied by faculty of Applied Sciences Department.

**A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 ON THE TOPIC "NSS: AN OPPORTUNITY FOR SELF DEVELOPMENT AND SERVICE OF NATION" ON 14 SEPTEMBER, 2022.**



A session on "NSS: An opportunity for self development and service of nation" was conducted and organised by Dr. Ashok Kumar, Associate Professor and NSS Incharge, DAVIET. The lecture began with an overview of NSS, including information about its foundation, organisational structure, goal—personality development via community service—and aims.



Professor Dr. Ashok Kumar clarified that the primary objectives of NSS are character development and the instillation of leadership qualities. He also talked about how NSS promotes social harmony and national integration by bringing social issues to people's attention. He elaborated on the traits of a good leader, saying that they must be able to allocate resources, have a clear strategic goal, and form cohesive teams. The distinction between leadership and management, as well as between a leader and a boss, was also covered in his briefing to the class.

The session was really interactive all around. A movie about leadership lessons 'we can learn from an eagle's life' was shown to the pupils as session came to a close. An informative lecture ended up with claps of freshers and appreciation for the efforts by faculty of Applied Sciences Department.

### A SESSION ON HEARTFULNESS ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON 14 SEPTEMBER 2022



A session on heartfulness was organised in which the keynote speaker was Ms. Manjula Verma, Government mistress and Heartfulness Trainer. She is heartfulness U connect



campus Coordinator of Punjab, Himachal and Jammu and Kashmir. The session began with a Question and Answer session with the students and a review of earlier lessons. The session's focus was on how to settle internal and external problems. Ma'am explained to the students the causes of the conflicts. Conflicts on the outside result from disparate wants, hopes, and beliefs. The main justification is that everything has to do with body consciousness. One's behaviour becomes biased as a result of this body consciousness. She then continued to educate the class on dharma using the Mahabharata as her example. Dharma instructs on how to live a moral life. Rajogun, Tamogun, and Satogun were the three guns she mentioned. She advised pupils to include more Satogun, practise karmic yoga, and give their troubles to the supreme being. The meeting concluded with meditation skill which helped the students to get relaxed and stress free. With this the session came to end that is liked and appreciated by the freshers and faculty present. Dr. Kanchan L Singh honoured the guests and thanked Ms. Manjula Ver for providing her valueable time from busy curriculum to interact with students (new comers)

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "VOTER AWARENESS"

A session was organised for the new entrants of B.Tech. on the topic "Voter Awareness". The keynote speaker was Dr. Surjit Lal Sahota, Lecturer in English & Career Counsellor.

He is District Assistant Nodal Officer (SVEEP & DAPO). The session started with the definition of democracy given by Abraham Lincoln which is "of the people, for the people and by the people". In democracy, the government is made of the people, for the people and by the people. If any nation follows democracy then voting is very important for that nation.

He said that every citizen of a democratic country should be aware of the value of his vote. There should be awareness regarding votes in a democratic country. In India, if anybody whose age is eighteen or above eighteen, must register himself as a voter. For online registration of a voter, he can fill the voting form from NVSP ( National Voters Service Portal ).





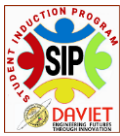
There is also a mobile app for the same which is Voter Helpline App. If a person of age of eighteen or above eighteen wants to register himself as a voter, he should fill the form-6 from the app. If the person of the same age wants to register himself as a voter but he is an NRI so he should fill the form-6(a) from the app. If we want to link our aadhaar card to our voter ID card so we should fill the form-6(b) from the app. Sometimes we are present at the location which has been registered on voter ID card but we still want to vote from another place. In that case we should register ourselves as a voter from the locality where we are. But according to the laws, a citizen can register himself from one locality only. In that case, we should fill the form-7 from the app. Sometimes we forget to add some very important details to our voter ID card. In that case, we should fill the form-8 for the correction. He advised the students that as a good citizen of our nation we should make sure that if we are eighteen years old or above eighteen so we are registered as a voter. He then advised that personality is a very important thing for any person. For



our personality development, we should take care about small but important things. We should use social media to get information regarding our career instead of watching unnecessary videos. We often concentrate on the thing what is our nation doing for us but we should also take care of the thing what are we doing for our nation. If we want to be successful in our life so we should do work smart as well with hard work. The session ends with the message, for the betterment of our nation, we should not fight on the basis of regions. We should respect every religion. A very informative and knowledgeable session it was

**AN EXPERT TALK ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "ROLE OF MATHEMATICS IN REAL LIFE"**

An expert talk was scheduled on September 15, 2022, for the new engineering undergraduates as part of SIP-2022 to inform and realise them of the real-world contributions that mathematics makes to the life of an engineer. For the required expert talk, Madam Dr. Ashu Bahl, Associate Professor, DAV College, Jalandhar served as the keynote speaker.



She said If science is the practice of knowing, understanding & learning then on the other hand Engineering is the practise of applying & building. The fields of science and engineering are complementary to one another.

On the occasion of Engineers day, Dr Ashu Bahl addressed the newcomers and illustrated the power of mathematics in the journey of “Can I?” to “I Can”. She briefed the students on role of mathematics in various walks of life. Be it the Mars orbiter mission at ISRO , global positioning system, trilateration, animation in movies, metro mathematics, quick resistant sky scrappers, construction of architectural projects like Taj Mahal, Burj Khalifa, the various social media websites, edge rank algorithm, aeroplane by Wright brothers all incorporate complexities of mathematics. She illustrated the role of mathematics in all these.

Not just this, she showed a roadmap as to what all options our budding engineers have after their undergraduate programmes like the various competitive exams they can apply for such as, Graduate Aptitude Test in Engineering, Union Public Service Commission, Staff Selection Commission, ISRO centralized recruitment board exam etc. At last she wished luck to all students. The lecture ended with the claps for an informative and helpful talk for the freshers. Dr. Kanchan L Singh, convener and Dr. Rajni Sharma Co-Convener of SIP-2022 along with the faculty of Applied Sciences thanked the speaker for this session.





## A LECTURE ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "ENTREPRENEURSHIP, PLACEMENTS AND START-UPS"



A lecture was scheduled on September 15, 2022, for the new engineering undergraduates as part of SIP-2022 on the topic "Entrepreneurship, placements and start-ups". Mr. Vishav Kapoor, Training & Placement Officer, DAVIET served as the keynote speaker. "To be happy you must let go of what's gone. Be grateful for what remains, and look forward to what is coming up next." Mr Vishav Kapoor , the training and placement officer addressed the students today and illustrated the centre of incubation and entrepreneurship. At first he introduced his team members Mr Ratish Bhardwaj, training and placement executive and Mrs Kalpana Sharma , incharge information resources.



He told their action plan for training and placement for the coming batches. Then he came up with the success stories from the past, wherein students have been placed at remarkable packages in renowned companies.

He even gave a list of all companies that have visited the college and have recruited students at great packages. He then motivated the students to work hard on their skills and focus on their career. He even told the details of entrepreneurial skills and the satisfaction and contentment it brings along.

He instilled a fire in all to work hard and get high packages in the placement drives which are four years ahead of them. The lecture ended with the claps for a very informative and valueable session for the freshers as they all hope for their bright futures.

Dr. Kanchan L Singh, convener, Dr. Ashok Kumar, co-convener, Dr. Rajni Sharma, Co-Convener along with the faculty of Applied Sciences appreciated the efforts of Mr. Vishav Kapoor for the students and delivered a vote of thanks for the lecture.

### A SESSION WAS ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON COMPUTER BASED SELF ASSESSMENT TEST

A session was organised during SIP-2022, for the assessment of freshers on learning abilities. It is a computer based assessment which students have to assess themselves online using PC or Mobile.

A survey is to be filled by every student and as result a student gets aware of his/her learning ability.





## A RECREATIONAL TOUR ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR THE FRESHERS

The B.Tech. freshers visited the "Nirmal Kuteya Seechewal" as part of a recreational tour organised during Student Induction Program - 2022 on 16 September, 2022. There they learnt about the gurudwara's history and the history of Sikhism. The Punjab region of South Asia, which today is divided between the states of India and Pakistan, is the region where Sikhism originated. Islam and Hinduism were the two main dominant religions practised in the region at that time. The Sikh religion first emerged in around 1500 AD, when Guru Nanak Dev ji started preaching a belief that serving the society is the ultimate religion, in contrast to Islam and Hinduism.





Over the next centuries, the Sikh faith and community were built by nine Gurus who came after Guru Nanak Dev Ji. Guru Nanak Dav Ji's teachings laid the groundwork for the custom of performing community service and providing langar in gurudwaras. The freshers were instructed about the Sikhism and Shri Guru Nanak Dev Ji's teachings, respectively. On the similar footprints, Sant Balbir Singh Seechewal ji has greatly benefited the society. He does not hold traditional beliefs and his theories are cutting-edge and empirical. He asserts that a person should adapt to the times and should enroll charity. The foundation of his life is his spirit of kindness. For the impoverished, underprivileged, and orphans, he founded schools and colleges in the precincts of Nirmal Kuteya. He also created the "Nawan Nanakana School" in Sultanpur Lodhi, which offered free food, clothing, soap, and other necessities to kids living in roadside cottages and slums. The purpose of sharing all this information with the students is to inspire them to



become societal servants. Fresh davietians then came to learn about the Holy Bein's and Kar Sewa that demonstrates a way to encourage environmental consciousness and to instil in them a sense of environmental responsibility and encourage them to protect the environment. The students and the teachers had langar after receiving blessings. At the same time several teachers and students got the opportunity to serve langar to the companions and followers.

Overall, it was a productive day where students had the opportunity to learn about Sikhism's customs and community service. They also got the opportunity to make new friends and to calm down and relax as a result of this tour. The tour was accompanied by Head of the Department and faculty members of Applied Sciences Department.

### A THREE DAY SESSIONAL PROGRAM STARTED ON "MEDITATION & MIND RELAXATION" DURING THIRD WEEK OF STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS



During the third week of the "Student induction program-2022," from September 19 to 21, 2022, a three-day meditation and mind-relaxation session has begun at DAVIET for new



entrants. Respected Sh. Abhishek Mehra, District President of Yuva Bharat, Jalandhar, served as the program's mentor and instructor. Today's session covered a variety of yoga poses and practises that students can use to maintain a healthy body and calm mind. He described meditation as a form of alternative medicine that addresses the mind and body. Deep relaxation and mental calmness can be attained through meditation. You can concentrate your thoughts and stop the constant stream of disorganised ones that can be stressing you out when you meditate. Increased mental and emotional health could be the outcome of this procedure. The term "meditation" refers to a variety of practises that can help one become more calm. Meditation is a component of many relaxation and meditation techniques. To find inner serenity is what we all strive for. In order to encourage a more flexible body and a calmer mind, yoga master sh. Abhishek Mehra demonstrated a series of postures and controlled breathing techniques. The session was attended by Dr. Kanchan L. Singh, convener of SIP and Head of the department of Applied Sciences, along with the faculty & staff members of the department and institute.

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "GOAL ORIENTED PLANNING & STRATEGIES FOR INDIVIDUALS"

During SIP-2022 a lecture (session) organised for the freshers of B. Tech. on Goal Oriented Planning & Strategies for Individuals on September 19, 2022. Dr Suman Tondon, Associate Professor, Department of Business Management was the keynote speaker for this session. She has won gold medal in [M.Com.](#) and M.Phil. both. She raised awareness among the freshmen about the need of maintaining good financial health, which is often disregarded when young people first start working and leaves them with regrets later on when they need or want to invest their money. To study and implement the methods of independently investing and conserving money requires time and important years of one's life. Inspiring the freshmen to learn and apply the information they acquire so that they would have enough money by the time they retire is her claim that your financial well-being depends on your life goals. She illustrated some of her points with a few instances and examples of commercials related to insurance, mutual funds etcetera. The main lessons from the session that we all remember and will undoubtedly use are how, when, and where to invest. We all put off learning about and considering these three criteria because we fear losing our hard-earned money. She advised us to learn, understand, apply, and practise what we had learned about investing and saving, and to never be afraid of taking a step forward to achieve our goals. She concluded the session with these words.





## A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "CALCULATING ECOLOGICAL FOOTPRINT"

During SIP-2022 a lecture (session) organised for the freshers of B. Tech. on Calculating Ecological Footprint on September 19, 2022. The keynote speaker for the session was Dr. Ashok Kumar, Associate Professor, Department of Applied Sciences, DAVIET and NSS Nodal of the Institute. He began his session with a question to audience that If everyone lives like at the same pace as they are, how many planets do we need?





Then he explained the only statistic that accounts for both the amount of nature we have and the amount of nature we utilise is the ecological footprint. He explained that human demand on Earth's ecosystems is quantified by the term "ecological footprint." It is a standardised indicator of the demand for natural resources that may be compared to the capacity of the environment to regenerate. It shows how much biologically productive land and water is needed to support a human population's resource needs and to break down the garbage that goes along with it. Global hectares are used to measure ecological footprint (gha).

To raise practical knowledge about ecological footprints, he used the [www.footprintcalculator.org](http://www.footprintcalculator.org) web survey. Every pupil was urged to discover how





frequently they use the earth's natural ecological system and was taught a few corrective measures.

**A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "AYURVEDA FOR THE HOLISTIC HEALTH" ON 20 SEPTEMBER, 2022**



During SIP-2022 a session (talk) organised for the freshers of B. Tech. Program on September 20, 2022 on the topic "Ayurveda for the Holistic Health". Dr. Manu Hallan was the keynote speaker for this session. She is a Ayurvedic Medical Officer at Government Ayurvedic Dispensary, Gajipur, Jalandhar. She awared the newcomers on ayurveda and it's practice by living on healthy lifestyle and eating healthy foods. She shared a moving slogan to aware ayurveda practices 'har ghar trianga , har ghar ayurveda'. She even informed the definition of health in ayurveda which is dosha, agni, dhatu and mala should



be balanced in a proper equilibrium and one should have a pleasant mind and sense organs. One of main reasons for illness and imbalance is ignorance towards our inner wisdom. She discussed kapha, pitta, and vata which are the three clock cycles in Ayurveda which have been discussed and preach in vedic age. She was a strong believer in the oldage practices which are lost, she refered to three gunnas which a lot of us came to know today and various food combinations which our body don't accept and were not awared about. She influenced the audience yoga is far better and we can achieve anything through it by practicing it regularly and correctly. She concluded the session which moved all of us to preach ayurveda in our life and imply by free things in our life.

**A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "UNBOUNDING THE FUTURE WITH NANOSCIENCE AND NANOTECHNOLOGY"**



Dr. Sapna Sethi is an Associate Professor in DAV University, Jalandhar and has earned gold medals during studies. She has qualified GATE and CSIR UGC-NET exams. She had session during Student Induction Program-2022 on nanotechnology which was on the topic "Unbounding the Future with Nanoscience and Nanotechnology" delivered today on 20 September, 2022. Heisenberg's uncertainty principle is the principle that explains why it is impossible to measure more than one quantum variable simultaneously which explains us quantum mechanics effects. Nanotechnology is the future and we have misconceptions which were cleared by Dr. Sapna Sethi ma'am today in her lecture and she gave a new way of thinking and approaching the topic. She defined and discussed different nanomaterial and what makes them different. She enlightened freshers with different techniques and methos known to mankind for characterization of nanomaterial. She provided the newcomers with grassroot knowledge of how and which substances are used to make nanomaterial and how carbon is the most common name in nanoworld. She concluded the session by discussing fabrication and application of nanomaterial. Her session was eye opening and widen our horizons to practice and learn more. We gained a lot from the session and were encouraged to research and even look further into the topic. It was relishing and knowledgeable session for all freshers.

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "ENVIRONMENTAL ISSUES AND SOCIETY"

A session was arranged during Student Induction Program -2022 for freshers that was jointly addressed by Dr Ashok Kumar Associate Professor Department of Applied Sciences and NSS Nodal Officer DAVIET Jalandhar and Dr. M. K. Kaushik, Department of Civil Engineering and Convener Water Conservation Cell DAVIET on the topic "Environmental Issues and Society". Dr. Ashok Kumar during his turn on lecture delivery explained various environmental issues like melting of glaciers, global warming, Oceans acidification, Deforestation, Acid Rain, excessive use of chemicals in the society and public health issues, Ozone depletion etcetera. He then explained the points to reduce these problems and their impacts on society. According to him conservation is a state of harmony between men and land. If we want to conserve our environment then we have harmonize with environment. In the next half of the presentation delivered by Dr. M. K. Kaushik to the new comers he explained the students the work performed in DAVIET for the environment and the society time to time. He explained the students about water treatment mechanism setup in our institute and how it works. He then showed students the various decisions taken by the institute time to time for the sake of environment. He explained about the plastic waste disposal methodology and policy of the institute. He



discussed about how leaves and garbage collected in institute is converted to manure for the plants so by these discussions the session got its end among the claps of the freshers.



## TALENT HUNT, ADHARVA 2K22 – A NEW BEGINNING ORGANISED AT THE DAVIET CAMPUS

DAVIET organized the Annual Talent Hunt ADHARVA 2k22 on the campus with great zeal and enthusiasm on September 21-22, 2022 during Student Induction Program-22. The theme of the Talent Hunt was “75th Azadi ka Amrit Mahotsav”. The tech-fest theme exemplifies that DAVIET is committed to celebrating and honoring the sacrifices made by our forefathers to get freedom from the British yoke. Talent hunt provides a platform for first-year students to display their talents on a big stage. It also gives a chance to the



organizing students to provide their juniors with the much-needed exposure to show a healthy competition full of learning and an overall fantastic experience.



Speaking on occasion, Dr. Manoj Kumar, Principal DAVIET, the students' zeal, who gave their best in all the events. He highlighted that the institution aims to make the students well-rounded personalities who are conscious of their rights and duties. He stated that DAVIET had made the mark in academics and extra-curricular over the years because of



the commitment to never compromise on hard work, dedication, and perseverance. He wished the organizing committee luck in all their endeavors too.

Ms. Jasdeep Johal, Cultural Officer, highlighted that not winning matters but participating with the right attitude that counts in a competition. She shared how DAVIET students have been at the forefront of each activity, bringing numerous achievements through these years. She also expressed gratitude to Dr. Manoj Kumar for his visionary leadership and guidance.

The theme of the Talent Hunt revolved around independence to educate the students about the cost at which we got it so that they value it. The events like dancing (western and folk), skit, painting, sketching, rangoli, photography, singing, quiz, elocution, group discussion, essay writing, turban tying, and many more were organized by the 12 clubs of the institution viz. Arteso, Alfaaz, Ashwa, Strings and Sargam, Kalakaar, Pragmaan, Clicker, Wordsmiths, Gidha, Bhangra, Shaan-e-dastaar and Ayojaks. The Convention Hall radiated the unmatched energy of participants and the audience. The winners list of various events were uploaded as images below:

EVENTS	Positions	Participant's Name	Branch
Solo Singing (Indian) Competition	First	Bavleen	B.Tech CSE - 1st Sem
		Navneet	B.Tech CSE - 1st Sem
	Second	Pritika	B.Tech CSE - 1st Sem
		Lakshay	BCA - 1st Sem
	Third	Nakul	BCA - 1st Sem
		Kajal	B.Com - 1st Sem
Consolation	Komal	B.Tech ECE - 1st Sem	
Solo Western song	First	Bavleen	B.Tech CSE - 1st Sem
	Second	Pritika	B.Tech CSE - 1st Sem
	Third		
Turban Tying	First	Gurashish Singh	B.Tech CSE - 1st Sem
		Amrit Singh	BCA - 1st Sem
	Second	Gursahib Singh	B.Tech CSE - 1st Sem
Sketching	First	Bipin	B.Tech ECE 3rd Sem
	Second	Anamika	B.Tech CSE AIML
			B.Tech CSE - 1st Sem
	Third	Rajan Kumar	B.Tech CSE - 1st Sem
Digital Art	First	Amit Kumar	BCA - 1st Sem
		Anmol Bhardwaj	CSE 1st Sem

Painting	First	Sayan Mondal	BCA - 1st Sem
	Second		
Poster Making	First	Priyanka Sharma	B.Tech CSE (B)
	Second		
	Third		
Poem Recitation	First	Nitika	
	Second	Palak	B.Tech CSE
	Third	Jahnavi	
	Consolation		
Debate	First	Ahnis Singh	B.Tech CSE 1st Sem
	Second	Pulkit Sharma	
	Third	Saurabh Kumar	
Rap Battle	First	Sandeep	B.Com - 1st Sem
Poem Writing	First	Navkaran	B.Tech ECE 1st Sem
			B.Tech ECE 1st Sem
	Second	Aarav	B.Tech ECE 1st Sem
		Monu	B.Tech ECE 1st Sem
	Third	Sandeep	B.Com - 1st Sem
Story Writing	First	Parth	B.Tech CSE 1st Sem
	Second	Monu Kumar	B.Tech ECE 1st Sem
	Third		

## A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "INTRODUCTION TO LIFE SKILL GENERATION CELL"



A session organised during SIP-22 for the new entrants on the topic "Introduction to Life Skill Generation" in which Dr. Anand Bajaj, Assistant Professor, AS and Dr. Megha Munjal, Assistant Professor, BM from DAVIET served as the keynote speakers jointly. They explained that the Cell works for the personality enhancement and soft skills training of the students along with equipping them with the skills set to crack interviews and become conscientious citizens of the nation.



They explained that the objective of this cell is to make students comfortable in the use of spoken English, to enable the students to draft write-ups with full clarity of English grammar, to equip the students with the skill set to face interviews confidently, to enhance the soft skills of the students, to enhance the problem-solving skills of the students, to help the students manage their time well and to develop their overall personality. They explained that Life skill also synonyms coping with emotions and stress, self awareness, empathy, problem solving, decision making, creative & critical thinking, effective communication and many more terms. They will enable the students to fulfill all these means through this cell. In every situation of life one has to use skills to

face difficult phases of life. Madam Dr. Megha Munjal then explained the situation with the help of live examples performed on stage. Dr. Anand Bajaj said that the cell is committed to fulfill all the above said means to the students. With these words the session ended among the claps of the students.

### A SESSION ORGANISED DURING STUDENT INDUCTION PROGRAM - 2022 FOR FRESHERS ON "AN INTRODUCTION TO TIMETABLE"

During SIP-22 a session on introduction to timetable was organised for freshers in which Dr. Rajni Sharma, Senior Assistant Professor, Department of Applied Sciences served as the keynote speaker.



The session was about to aware the new entrants about the theory, practical and tutorials classes and other information about the daily schedule of the classes. Dr. Rajni Sharma explained and clarified about the chemistry and physics groups at first and the division of trades among these groups. The theory subjects of each group was also discussed in the session. Although it was already explained to the students by their





mentors during visit of campus on day one to the students about different labs and classes but madam Dr. Rajni Sharma fulfilled her duty by explaining the locations of all the labs and classes situated in different departments for the ease of the freshers. She also informed about all the different teachers and class In-charges assigned to their respective classes. She patiently described about every information regarding timetable to every individual class one by one. She also explained about the groupings for their practical and tutorial sessions. An informative session regarding timetable then come to an end. All students really found the session beneficial to them.

### FEEDBACK AND VALEDICTORY SESSION CONCLUDED WITH POSITIVE IMPACT ON NEW ENTRANTS DURING STUDENT INDUCTION PROGRAM-2022



Three weeks long Student Induction Program-2022 was concluded with a great impact on new entrants at DAV Institute of Engineering and Technology, Jalandhar. In totality, the motivational talks, special interactive sessions by various guests, Dean's and HcDs,



Human values education sessions, Heartfulness meditation sessions, yoga sessions, psychology session, guidance for career prospects, diagnostic tests, literary events, live cultural and musical performances by various clubs of the institute, recreational tour and many more activities made such an amazing experience for the freshers.

During valediction ceremony of Student Induction Program, students shared their valuable feedback about the whole induction program. Students felt enlightened, transformed and extremely motivated by the sessions of this induction program. Students who showcased their talent which they learnt during their creative arts sessions by joining various cultural and literary clubs of the institute and grabbed positions in live performances of dance, singing, poetry etc. during talent hunt program were honoured today with certificates of merits. Dr. Sudhir Sharma HoD EE, Dr. Neeru Malhotra, HoD ECE, Dr. Anil Soni HoD BM, Dr. Ramandeep Singh Johal HoD ME , Dr. Vinay Chopra HoD CA, Ms. Jasdeep Johal, Cultural Officer, Dr. Kanchan L. Singh, Convener SIP-2022 and various other faculty members of different departments were present and showered their blessings to the new entrants. At the end, Dr. Rajni Sharma Co- Convener SIP - 2022 and Senior Assistant Professor, Department of Applied Sciences delivered a vote of thanks to all the HoDs and faculty members of different departments for their valuable presence and all the student mentors and faculty members of the Department of Applied Sciences for their teamwork, support and help to make this program successful.

