



INDUCTION PROGRAMME

2024-2025

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DAY 01

19.08.24—SESSION 1[9:30Am-12pm]

The common orientation program started by 9:30am. It was a great event. The host of the event gave an introductory speech. Then the honourable Principal of the college explained in detail the various facilities, researches, details regarding the professors in the department and so on. This was followed by an inspirational speech by the chief guest DR. LAKSHMI NARASIMHA MOORTHY [niche brains]. Then we were made aware of the facilities available at hostel and the rules that needed to be followed by Residential Director.

19.08.24—SESSION 2[2pm-4pm]

The department wise orientation session started about 2pm in the afternoon and was all about introduction to the department of CSE and the core members of the team. It was a great session leading us to know more about the facilities, faculties and the opportunities at the CSE departments. The session began with introduction to the HOD of the department followed by the speech presented by other professors in the field, each presenting themselves with core values and topics followed by guidance to the students. We were then joined to a whatsapp group with our four year course tutor.

This was then headed by a campus tour by seniors where we learnt about various facilities provided by the college and its locations. The event was a great one making us understand in and out of the college.

DAY 02

20.08.24—SESSION 1[9:45Am-10:45Am]

Speaker Name: MR. PADDY PADMANABHAN

Topic: Carnatic Music

The session started with the host introducing the speaker who then took over the podium. It was a fine session. The speaker started off by implying it was the National Radio Day and highlighting the significance of radio in WW2. He then stated his vision to empower musicians in India with ability to produce quality studio level music without actual equipment's.

This was then followed by differentiation between the music notes in the West and the East and the connection of music with Math's [Pythagoras Theorem]. He then stated more about musical note involving pitch and duration and about Carnatic keyboards[low, middle, high octane], progressions, frequencies and its real life examples[detecting cracks in tracks], and Fourier Transforms.

20.08.24—SESSION 2[11pm-12pm]

Speaker Name: DR. KESAVASAMY [Former TCS, ISRO]

Topic: Desired Learning Focus

This Session completely focused on interdisciplinary, Teamwork, Leadership, Communication, Negotiation skills, early professional Connectivity. It emphasized the importance of application and focused more on soft skills emphasizing the relative difference between the purpose of lab and project works and how one should build mindset towards success.

20.08.24—SESSION 3[1:45pm-2:45pm]

Insight: Tutor Ward Meeting

In this session we were introduced to our tutor DR. SARANYA K G who started off with the general rules that each one should follow to ensure a smooth learning and placement for the next four years. It emphasized on time management, punctuality, dress code, discipline, cleanliness, attendance, health, possession of vehicles and safety measures to be followed and many more. In an all it was a great interactive session to put in.

20.08.24—SESSION 4[3pm-4pm]

Insight: physics intro session

This session was headed by our physics tutor DR. N. GOKILAMANI who provided the opportunity to introduce ourselves with one another and the faculty. It then focused on providing an overall idea about the physics sessions ahead and some real life examples where physics played a major role like as in magnetic trains. The session was an interactive and an interesting one creating the first link between peers, the subject and the faculty.

DAY 03

21.08.24—SESSION 1[9:45Am-10:45Am]

Speaker: DR. S. VIJAYALAKSHMI

Topic: Self and Body [UHV UNIVERSAL HUMAN VALUES]

The session began with its motive (Learning outcomes) that Human beings are coexistence of self and body, Self is endless (like happiness which defines our mental health) while body has certain limits (food we eat...physical health), values and skills go hand in hand with each other. It further provided an insight why the session was held (For a common humane goal, Happiness in every individual, Fearlessness in society, Prosperity in family).

It then highlighted about the human values that each one should possess like Trust- mutually between two persons or family, Respect-elders, Affection-close ones, Care- family, Guidance- elders, Reverence- elders, Glory- ourselves, Gratitude- everyone, Love-close ones. This was further proceeded by differentiating between desire and aspirations, values and skills as well as self and body. It also provided an insight in understanding the responsibility we hold toward ourselves, our family and our society

Key take away:

- Ourselves: maintaining cleanliness within our surroundings and make the place around us a safe and happy environment
- Family: making parents proud, supportive
- Society: follow public rules and maintain decorum
- Letting temporary desires take a troll over us make us forget of our own true self and forces one to break and ignore values.

21.08.24—SESSION 2[11Am-12pm]

Speaker: DR. C. KAVITHA

Topic: Gratitude [UHV UNIVERSAL HUMAN VALUES]

This session was much of an interesting one that provided an insight towards thankfulness and appreciation for the kindness, support and positive aspect of life. It explained the various forms of gratitude people show such as thanking, thanking note, acts of kindness, gifts, verbal communication, public acknowledgement and spending quality time. This was further followed by letting students think and pen down various places and people they have shown gratitude.

Key Take Away: Learn to balance the help received and help offered

21.08.24—SESSION 3[1:45pm-2:45pm]

Speaker: MR. A. C. RAMESH

Topic: Peer Pressure [UHV UNIVERSAL HUMAN VALUES]

This session was a much needed one since as the topic signifies was on Peer Pressure. The session started off with the core personality one would possess if was under peer pressure that one would either try to mimic or rebel the other person in order to get their attention directed towards them and that right understanding about oneself and self and body would play a major role in eradicating peer pressure. This was then succeeded up by analyzing the root cause of peer pressure (have to get adopted to the new environment on their own, therefore seeking for a good companion and attention)

The session was brought to a conclusion by giving ideas on tackling peer pressure starting off with understanding our values and limits, building different friend groups, listening to one's gut feeling and at last believing in ourselves.

Key Take Away: Believe in who you are and focus on what you are capable of.

21.08.24—SESSION 4[3pm-4pm]

Speaker: DR. S. SURIYA

Topic: Aspiration and Understanding Expectations [UHV UNIVERSAL HUMAN VALUES]

This session was particularly an interactive one. We as a team got to know each other's name, place and schooling along with each other's hobbies and interests.

What makes this session particularly unique is that the interaction was not only confined to one single course and class but gave the opportunity to interact with people from different courses. It was a refreshing session where we got to know more about others.

It helped create a bond, develop friendship and work with each other's thoughts as well develop an understanding towards one's motive.

Outcomes:

- Getting to know each other
- Build a bond
- Team work
- Memory

DAY 04

22.08.24—SESSION 1[9:45Am-10:45Am]

This session was headed by our Math's tutor DR. PALRAJ J. It was much of an introductory session between the tutor and the students. This was then followed up by some overview of real life situations where theory was necessary over practical. Then we came to know more about the academic schedule ahead and the spreading/division of units/chapters over CA's.

22.08.24—SESSION 2[11Am-12pm]

In this session we were introduced to our program coordinator DR. N. ARULAANAND. This session kick started off our brains after a long break since it focused on program problem solving. We were introduced to a simple prime number problem with a brute force solution and were shown on how to optimize the code for a better performance and time. This was then followed up by a Microsoft problem where we were shown how complicated looking problems had a simple way of cracking behind it. In an all the session was active and interactive.

22.08.24—SESSION 3[1:45pm-2:45pm]

This session was handled by our chemistry tutor DR. B. SOWMYA. This session began with each introducing themselves. Then we were informed on the relation of chemistry with engineering and the topics covered in the syllabus. This session came to a conclusion with a fun group activity of finding elements with their properties which was fun filled.

22.08.24—SESSION 4[3pm-4pm]

Handled by our English professor the session began with a fun activity on communication bleedings and then we were given a formula for effective communication (language+ content+ delivery+ adaptability= effective communication). Then each topic was discussed in elaborate.

For instance: content stood for filling and refilling new information, delivery stood for the 3P's [preparation, practice and presentation] and adaptability stood for SHIFT [scan the room, hear the feedback, Incorporation, Facilitate Interaction, Tune your Approach]. This helped us to determine the flaws in our language and guided us to improve for the best.

DAY 05

23.08.24—SESSION 1[9:45Am-12:30pm]

It was the foundation day where we got to meet the alumni networks of PSG. The session focused on inspiring us on dedication, determination, focus, goal setting and updated us on the current trend and future scopes [India's vision in the field of semiconductors]. We had the opportunity to know how life was in PSG back then and as well what one should do in order to attain success. It gave the opportunity to learn from the success, failures and hurdles faced by some of the key figures who were once a student in the college.

23.08.24—SESSION 2[1:45pm-4pm]

The UHV report writing session was not held

DAY 06

24.08.24—SESSION 1[9:30Am-12pm]

This session focused on making students aware of first Aid methods that could be Lifesaving in emergency situations. It focused on what a person should do before the ambulance arrives [basic life support]. The session was held by an NGO organization in Coimbatore. It began with simple survey to know how many of us knew about the first Aids. Later we were taught on how to treat bleedings and fractures initially. The session was divided into two parts one based on if the victim was conscious and the other when the victim was unconscious.

The session was interesting as well as useful and interactive picking out volunteers from the audience. It also explained how each organs would react in a state of sudden shock.

It then focused on methods to follow while helping an unconscious victim. The first step to be followed was to ensure that the surrounding was safe. The next step was to examine the person by tapping on the shoulders and shouting out loud near the person's ear. This would wake the person up if he/she was unconscious due to a state of shock. Next was to point a person in the crowd to call an ambulance. Once this is done the next thing to focus was on the person's breathing since his tongue falling back when unconscious could block his airways. This was done by pressing one hand against the forehead and lifting his chin with the other. Once this is done we should check for breathing. If breathing then we should place him in recovery position, if not we should perform CPR [30 compressions with elbow straight and around 120 compression per minute].

After this the speaker told some real life instances where he had to do these basic life supports and how it helped the ambulance people to focus on advance life support systems once they arrived. One important point to keep in mind was that ignore what the crowd says and be confident in what you do. Then we were made aware of the Good Samaritan Law under the motor act.

DAY 07

27.08.24—SESSION 1, 2 [9:45Am-12pm]

This sessions focused more on the various clubs available in the CSE department and the core members of various clubs. This session was completely handled by our seniors. This was much of an engaging session. It was interactive, knowledge gaining providing ideas and insights on opportunities lying ahead in the field of CSE.

It gave information on what EYE was and how it collaborated with AI. It emphasized the importance of various platforms such as GITHUB and LinkedIn

This gave us the opportunity that needed to be done for the next four years in order to attend a successful placements.

27.08.24—SESSION 3 [1:45pm-2:45pm]

This session focused on updating us on the rigorous academic schedules and the upcoming semesters and CA'S. It gave ideas on credits, electives, project works, online courses, self-study courses [CSE honor degree], on internships, activities, one credit courses and how credit system works.

It also gave information on CA pattern's, on assignment presentations, assessment tutorials 1, 2, internal tests, and the internals how it is reduced to 40 marks and the remaining 60 marks for semesters.

DAY 08

28.08.24—SESSION 1[9:45Am-10:45Am]

This session was handled by our Math's professor and it was an introduction session into the subject. It was more of a recalling or a refreshing session where we had a peek into the number systems (representations and examples), sets and types of sets (concept with examples), relations, functions, domain and range for various scenarios. It boosted and refreshed on simple basic concepts.

28.08.24—SESSION 2[9:45Am-10:45Am]

This session was held by our English professor and it was all about sub-skills of communication. It was divided as conversation skill, negotiation skill, storytelling skill, assertive skill, Persuasive skill, deflective skill, questioning skill, redirecting skill, emotional regulation skill and verbal thinking skills.

It gave a quick idea on what these each of the skills were, its types, tips, formal and informal examples. For instance conversation skills required active listening while story telling required clear structure with beginning, middle and end. On the other hand persuasive skills required understanding of audience needs and values and negotiation required understanding of our goal as well as other person's goal and so on. It was interactive and a lively session.

In short on types in each skill:

- Conversation skill- small talks, deep conversations
- Storytelling skills- personal, professional and fictional
- Persuasive skills- logical, emotional, ethical
- Negotiation skills- distributive, integrative, multi-party
- Assertive skills- direct, empathetic, escalating
- Deflective skills- humorous, topic change, reflective
- Emotional skills- cognitive, emotional suppression, mindfulness

28.08.24—SESSION 3[1:45pm-2:45pm]

The session was handled by the physics professor where we were made aware of the different chapters ahead of the year divided unit wise for various semesters. We were also made aware of the different exam schedules as well as how mark is divided for each semester and CA's. The session also highlighted the importance of CGPA and also the plan for the upcoming sessions. We were informed about the lab facilities available and also made aware of lab and project works. We were also recommended to use certain books for reference.

Example: R k Mehta and Theraja for general principles for electrical and electronics

28.08.24—SESSION 4[3pm-4pm]

This session was handled by our chemistry faculty where we were informed on the upcoming chapters that are to be covered and also how the CA'S are divided into along with the exam pattern and marking scheme.

DAY 09

29.08.24—SESSION 1[9:45Am-10:45Am]

This session, time was given for report writing.

29.08.24—SESSION 2[11Am-12pm]

In this session we got the opportunity to meet the collector of Ernakulum MR. N. S. K. UMESH who was an alumni of the college (2007-2011 ECE) who shared his experience with PSG. It was an interesting session.

It was also the inaugural ceremony of the student council where we were made aware of the student council members. His past inspired us not to give up and as well showed how dedicated one should be in order to achieve their dreams.

He also shared some experience with PSG which helped in some critical decision taking situation (took charge of Kerala flood 2018 Management) as well how he learnt his first lesson on honesty and truthfulness. He inspired us to take responsibilities and that each experience gained here at PSG would serve as a life lessons in the future.

He also emphasized how each professors at the college supported his decisions in each step towards his success and how their guidance let him be who he was now.

In an all the session was informative and motivating.

29.08.24—SESSION 3[1:45pm-2:45pm]

This session focused more on values that one should possess in order to succeed and get placed. The session was much of an informative one. Most important takeaway's include:

We should never look back at the past and always must focus on the present for a bright future. The session emphasized on how keeping on meddling with the past could have adverse effects on one's mental health and how it could serve as a hindrance to one's progression.

Secondly the session focused on fear and anxiety and how it could ruin a good presentation. It emphasized that one with fear but with enormous knowledge could fail if he fails to present in an interview. It spoke much about confidence one should possess on themselves and keep progressing towards their goal being stand still in each decisions taken.

This session gave an overall idea on skills we should possess to achieve the target.

29.08.24—SESSION 3[1:45pm-2:45pm]

This session gave an overall look on the facilities available at the library and how the library books are organized. It also focused on letting us know the procedures that we should follow to issue books as well as the rules that one should follow at the library.

Then we learnt on how to use OPAC (ONLINE PUBLIC ACCESS CATALOG) through a video and we were taken to a virtual tour to the GRD MEMORIAL LIBRARY through a video too.

We then learnt the features available at the library and how the app must be used in order for us to search the required books.

The books can be searched either with authors name or by the book name itself.

DAY 10

30.08.24—SESSION 1, 2 [9:45Am-12pm]

ALUMNI INTERACTION

This session was handled by the chief technology officer of IIT MADRAS in Google meet who highlighted the importance of programming languages in placements for various companies. It also stressed on methods for using various online resources for self-education. He emphasized the need to understand the concepts rather than just grasping it. He also stressed on regular coding practices. Another attendee recommended exploring diverse coding platforms to gain a better understanding of software functionalities. This session was an informative one.

An alumnus of PSG, who had successfully become an entrepreneur, provided valuable insights from his academic journey. He offered a wealth of advice on becoming an entrepreneur and the routes to achieving this ambition. Currently, he operates a company that specializes in graphic design.

30.08.24—SESSION 3 [1:45pm-2:45pm]

Speaker: DR. K. SATHIYAPRIYA

This session focused on providing knowledge on placements and higher studies. It highlighted the importance of Hackathon's and internships. It also provided an insight on placement training and various sessions organized by the team to facilitate smooth placements in multinational corporations. Additionally we were informed about the training opportunities for higher studies as well.

We were also made aware when the placement trainings are started that is from the fifth semester to the eighth semester. The session was much of an informative one.

THANK YOU

