Power Electronics Engineering Department

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VGEC

Student Induction Program Report (SIP-2025)

SIP2025 Convener:

Dr. I. N. Trivedi

Professor & Head, Power Electronics Engineering, VGEC, Chandkheda

Principal:

Dr. V. S. Purani

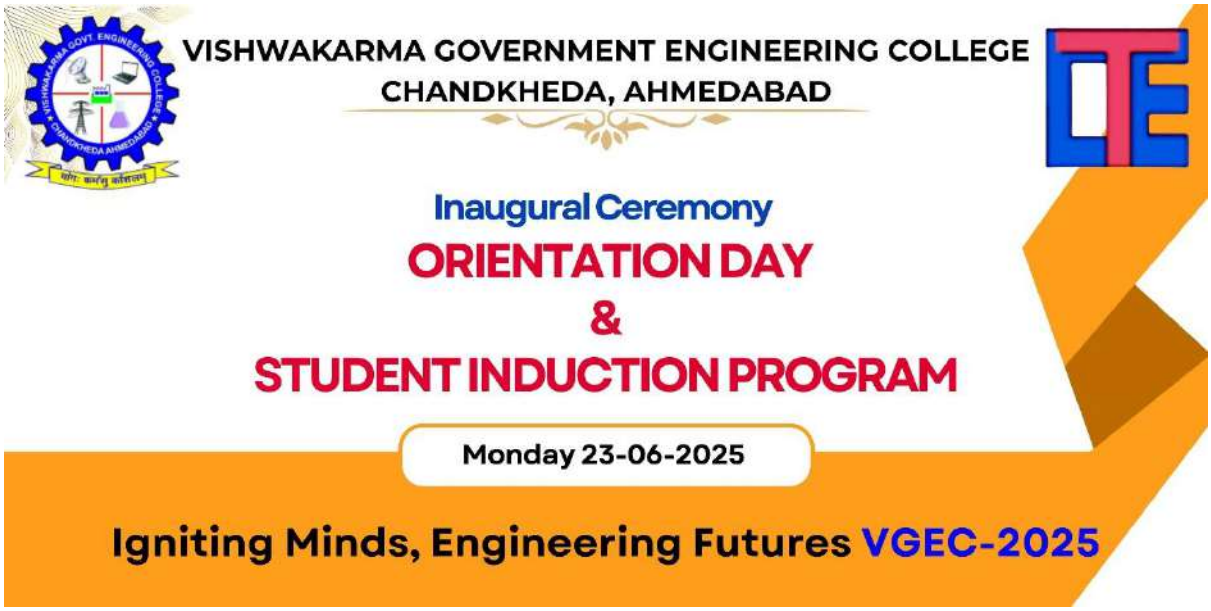
Principal, VGEC, Chandkheda

Academic Year

2025-26

Power Media Team

1. Orientation Day – SIP 2025 Inaugural Ceremony



Empowering Beginnings for Engineering Futures

Venue: Vishwakarma Government Engineering College (VGEC), Chandkheda

Live - Streamed Across All 18 Government Engineering Colleges of Gujarat

Event Overview:
The Student Induction Program (SIP) 2025 was officially inaugurated on 23rd June 2025 through a grand and historic Orientation Day Ceremony hosted at VGEC, Chandkheda. This milestone event marked the first-ever state-wide unified induction broadcast in Gujarat's technical education history. With participation from all 18 Government Engineering Colleges, the event symbolized a new chapter of unity, innovation, and purpose in technical education.

Eminent dignitaries, visionaries from the Department of Higher & Technical Education, respected academicians, and a sea of excited first-year engineering students came together — both physically and digitally — to launch SIP 2025 with inspiration and impact.

The central message of the ceremony was clear: engineering education must go beyond classrooms and labs — it must build capable, conscious, and value-driven citizens of tomorrow.

Keynote Address – Ms. Sunaina Tomar (IAS)

Additional Chief Secretary, Higher & Technical Education, Government of Gujarat

In her powerful and visionary keynote, Ms. Tomar redefined the way students view engineering education. Her message was a call to action — to not just learn, but to live the values of discipline, wellness, creativity, and social contribution.

Key Messages:

- Embrace practical learning beyond textbooks — explore projects, challenges, and real-world exposure.
- Stay physically fit and mentally agile — an active body supports a focused, innovative mind.
- Nurture both technical skills and interpersonal (soft) skills to stand out in the industry.
- Avoid distractions, develop clarity of purpose, and stay committed to long-term goals.

Quote: "College is not just a place to study — it's a place to transform yourself."

Her address ignited thousands of young minds across Gujarat and set the tone for an induction built on transformation, not just orientation.

Celebrating Women in Engineering: A Symbol of Courage

A special felicitation was held to honour Ms. Jaya Lakshmi Bhilai, a Mechanical Engineering lecturer from Government Polytechnic, Ahmedabad. She is a national inspiration, having summited Mount Everest and completed a record-breaking 75,000 km solo motorcycle expedition across India.

Her story stands as a bold statement: that women in engineering are limitless in courage, achievement, and leadership.

Insights from Other Esteemed Dignitaries:

- Shri B. H. Talati (Director, Technical Education):
  "In the AI-driven age, the student who starts early, stays ahead."
  Urged students to develop portfolios, embrace AI tools, and learn future-ready skills from day one.
- Dr. Sachin Parikh (Joint Director):
  Reinforced the importance of a drug-free, anti-ragging, and inclusive environment — promising students a safe and vibrant learning space.
- Dr. V. S. Purani (Principal, VGEC):
  Shared his pride in VGEC hosting the inaugural session and acknowledged the SIP's role in building well-rounded engineers who are ethical, confident, and collaborative.
- Dr. I. N. Trivedi (SIP 2025 Convener):
  Delivered the vote of thanks and applauded the combined efforts of staff, students, technical teams, and state authorities in making this unified statewide launch a reality.

Conclusion: A Transformational Beginning

The Orientation Day of SIP 2025 was not just an event — it was an experience. It marked the beginning of a 3-week long journey that promised not just academic preparation, but emotional maturity, social awareness, and personal growth.

With a collective message of curiosity, courage, and continuous learning, SIP 2025 opened the gates of engineering life — not just with lectures, but with vision.

“Today’s students are tomorrow’s innovators — and it all begins with a purpose.”

2. Central Expert Talks

C2 – Central Expert Lecture Series

Ethics, Culture, and Spiritual Wisdom for Engineers

1. Dr. B. S. Munjal – Navigating Ethics and Professionalism

Topic: "Bhagavad Gita: Inner Strength and Clarity for the Modern Student"

Dr. B. S. Munjal, a respected academician and spiritual thinker, delivered a deeply inspiring session connecting the ancient wisdom of the Bhagavad Gita with the challenges faced by modern engineering students. His talk didn't focus on religious rituals but on timeless truths — how students can stay mentally strong, emotionally stable, and morally clear while navigating academic pressure and life choices.

Through stories, verses, and analogies, Dr. Munjal explained how the teachings of the Gita are a guide to inner clarity and outer excellence. He emphasized that engineers of the future will not only need technical brilliance but also inner peace and wisdom.

Key Concepts Explained:

- Karma Yoga – performing your duties sincerely without attachment to outcomes
- Equanimity in success and failure — avoiding arrogance during success and anxiety during failure
- Gita as a psychological manual — for managing pressure, dealing with uncertainty, and making value-based decisions
- Lessons on leadership, courage, purpose, and resilience in student and professional life

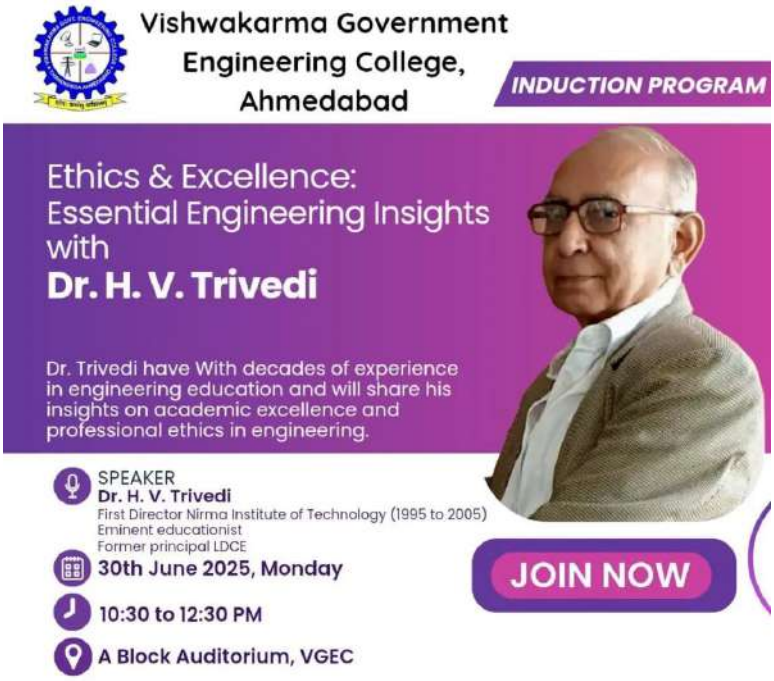
Learning Outcomes:

- Students discovered timeless techniques for managing their emotions and building resilience
- Understood the power of effort over outcome — shifting focus from marks to mastery
- Realized that spiritual awareness and scientific reasoning are not opposites — they complement each other

Quote: "Bhagavad Gita is not about rituals — it's about reality. It tells us how to live, lead, and grow with peace."

"Bhagavad Gita is not about rituals — it's about reality. It tells us how to live, lead, and grow with peace."

2. Dr. H. V. Trivedi – Ethics and Excellence



Topic: "Engineering Ethics: A Foundation for Responsible Innovation"

Dr. H. V. Trivedi's session focused on one of the most urgent and overlooked aspects of professional engineering — ethics. His thought-provoking presentation started with real-life examples where a lack of ethical foresight led to major engineering disasters, loss of public trust, and irreversible environmental damage. He argued that ethics are not add-ons but the very foundation of every responsible innovation.

Dr. Trivedi encouraged students to reflect on every decision they make — not just "Can we do this?" but "Should we do this?" He discussed how engineers are not just coders or designers — they are the architects of society's safety, progress, and sustainability.

Key Themes Covered:

- Ethics in action — the role of honesty and responsibility during design, prototyping, testing, and final deployment
- Real-world case studies from global engineering failures and what they teach us
- Making ethically sound decisions even under pressure or deadlines
- Responsibility of an engineer toward the environment, future generations, and data integrity

Learning Outcomes:

- Understood that ethical practice ensures long-term safety and public trust
- Gained appreciation for integrity as the base of professionalism
- Inspired to think beyond success and aim for meaningful, responsible innovation

Conclusion: A Transformational Beginning

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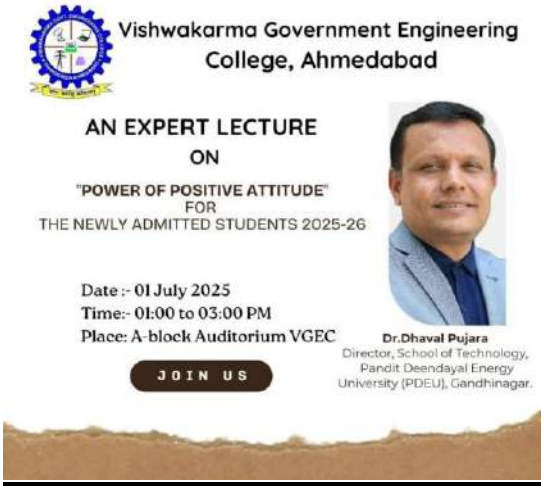
C3 – Central Expert Lecture

Discipline, Mindset & the Growth Attitude

1. Dr. Dhaval Pujara – Power of Positive Attitude



Session Overview: Unlocking the Growth Mindset with Dr. Pujara
In a transformative session filled with insight and inspiration, Dr. Pujara guided students on a journey from a fixed mindset to a growth mindset, blending the latest in neuroscience, ancient Indian psychological wisdom, and real-life engineering success stories. With a dynamic and relatable approach, he encouraged students to rewire their thinking patterns and believe in their ability to grow, adapt, and thrive—regardless of past failures or self-doubt.

He emphasized how small, consistent habits, subtle shifts in attitude, and honest reflections on failure can act as powerful tools for personal and professional evolution. The session resonated deeply with students who often struggle with internal fears, academic pressures, and unclear goals.

Session Highlights:

- *"Consistency beats talent"* – Why regular effort matters more than raw intelligence
- Tackling the "I'm not good enough" mindset through self-awareness
- Power tools for the mind: Journaling, Visualization, and Daily Affirmations
- True stories of engineers who succeeded *after repeated setbacks* and rejections

Key Takeaways for Students:

- Learned how to bounce back from failure with resilience
- Built a personal mental wellness routine for long-term clarity
- Understood that success is a continuous journey, not a final destination
- Left the session feeling empowered, purposeful, and mentally lighter

This session wasn't just motivational—it planted a seed for long-term mindset transformation and a more intentional approach to academic and personal challenges.

C4 – Central Expert Lecture Series

Culture, Identity & Youth Responsibility

1. Ms. Bhoomi Vamja – Indian Culture: Our Inherited Wisdom

Session Overview: Rediscovering Our Cultural Roots with Ms. Bhoomi Vamja
In a deeply enriching and thought-provoking session, Ms. Bhoomi Vamja reignited the spark of Indian cultural pride among today's youth. She passionately spoke about how, in the rush to be "modern," we are often unknowingly disconnecting from our roots — the very roots that offer wisdom, balance, and purpose.

Drawing from ancient Indian scriptures like the Vedas, Upanishads, and our native traditions, she showed how these are not just religious texts but logical, scientific, and human-centric frameworks for living. She urged students to understand that modern doesn't have to mean western, and that embracing one's own language, values, and culture is a sign of strength — not backwardness.

Key Themes Explored:

- Modern ≠ Western – Why true progress means valuing your own soil
- Our scriptures are scientifically rich and spiritually rational
- Cultural intelligence is just as vital as technical expertise
- Traditional families, native languages, and ethics as pillars of identity

Student Reflections:
"We are not outdated — we are the source of real wisdom."
"I felt proud of being Indian after this session — I'll now speak in Gujarati/Hindi confidently."

Key Takeaways:

- Students felt a renewed sense of pride in Indian culture, language, and values
- Inspired to explore Indian authors, philosophies, and knowledge systems
- Understood that culture is not a burden — it's a superpower

This session wasn’t about rejecting progress, but about redefining it through our own lens — rooted, rational, and proudly Indian.

C5 – Central Expert Lecture Series

"Spirituality & Emotional Empowerment for Engineering Youth"

1. Brahma Kumaris – Awakening the Engineer Within

Invited Dignitaries:

Name
B.K. Vinu Didi
B.K. Nisha Didi
B.K. Vivek Bhai
B.K. Praful Bhai

Session Overview:

In an emotionally enriching and spiritually uplifting gathering, the C5 Central Expert Lecture brought together the youth and timeless wisdom. The theme focused on aligning technical education with inner awareness — highlighting how peace, purpose, and positivity can fuel a successful and meaningful engineering journey.

Delivered by the revered Brahma Kumaris speakers and guided by respected faculty, the session offered practical spiritual tools for:

- Managing emotional stress
- Developing self-motivation
- Building harmony in relationships

- Cultivating gratitude and stillness amidst chaos

This was not a typical “lecture” — it was an experience. Students listened, laughed, reflected, and meditated — many for the first time.

Speaker Highlights:

Dr. V. S. Purani – Principal, VGEC

He opened the session with a powerful thought:

“Givers are the ultimate receivers. Takers are just beggars.”

He emphasized the idea that students must learn to contribute to others — be it with kindness, knowledge, energy or time. According to him, a true engineer should draw strength from five sources:

1. **Parents** – the root of sanskar
2. **Gurus** – the path-givers
3. **Power of Prayers** – a tool for clarity
4. **Purusharth** – consistent self-effort
5. **Prarabdh** – destiny, to be accepted, not feared

He set the tone that success is not just about intellect, but also about character.

B.K. Vinu Didi – Stay Happy, Stay Ahead

With a calm voice and deep wisdom, B.K. Vinod Didi spoke about the power of choosing happiness every single day.

- "Har samay muskuraiye. Jo aap denge, wahi aapko milega."
- She taught students to regularly affirm:

"Main sabse zyada brave hoon. Main duniya mein sabse aage badhunga."

- She also explained the importance of listening, absorbing, and responding rather than reacting.

Message: Happiness is a decision, not a condition. Make your mind your best friend.

B.K. Nisha Didi – Emotional Power & Peace

Her session focused on emotional resilience — something students rarely learn in books.

- "Hum pareshan tabhi hote hain jab hum andar se kamzor hote hain."
- She introduced the idea that spiritual strength builds emotional power.
- She guided a live meditation session where students closed their eyes and practiced inner silence for 5 minutes.

Message: Mental silence is the gateway to clarity, peace, and better decision-making.

B.K. Vivek Bhai – Positivity & Personality

In a light-hearted and humorous way, he connected spiritual living with everyday college life.

- "Aapke vichar, aapki smile, aur aapki soch — logon par Prabhav karti hai."

- He said, “Shakal, nakal, akal — teenon ek jaise duniya mein kisi mein nahi hote.”
- Encouraged students to become original rather than copy someone else's path.

Message: Your personality is your power. Choose authenticity over imitation.

Dr. I. N. Trivedi – Vote of Thanks

- Applauded the calm yet powerful delivery of the Brahma Kumaris team
- Highlighted how such spiritual sessions are crucial for long-term student wellbeing
- Encouraged more such engagements across all departments in the future
- Concluded with:

“Yeh induction ek timetable nahi, ek transformation hai.”

Core Learning Outcomes:

Value Developed	Description
Emotional Strength	Ability to manage anger, anxiety, comparison, and fear
Inner Motivation	Habit of self-affirmation and building daily inspiration
Positive Thinking	Seeing the good, expressing gratitude, and staying cheerful
Meditation Skill	Learned basics of concentration, calmness, and silence through practice
Cultural Spirituality	Respecting and blending Indian wisdom with modern life

Final Reflection:
The C5 session was not just a pause in routine — it was a shift in perspective. The simplicity of words, depth of wisdom, and gentle presence of the Brahma Kumaris touched every student. As engineering students step into a world of complexity, this session gifted them the most important tool: inner clarity.

This event will be remembered not only for its silence, but for the power it awakened within that silence.

C6 – Central Expert Lecture Series

"Spiritual Strength, Inner Engineering & the Ideal Engineer"

1. AksharVivek: Building Engineers with Purpose & Peace

Session Overview:
The sixth lecture in the Central Expert Series under SIP 2025 took students beyond the limits of academics — into the domain of inner purpose, moral clarity and spiritual grounding.

Organized in collaboration with the globally respected BAPS Swaminarayan Sanstha, the session welcomed **Param Pujya Aksharvatsal Swami**, a revered spiritual leader who inspired the students with his simplicity, conviction and deep-rooted cultural wisdom.

The objective of the session was to show that true engineering isn't just building machines — but building the mind, the self, and society.

Prof. N. D. Mehta – Welcome Address & Context Setting:

Prof. Mehta opened the session by introducing BAPS as a beacon of spiritual strength and cultural guidance. He spoke about:

- The journey of BAPS from a temple tradition to a global movement
- The values of Akshardham — such as cleanliness, discipline, compassion, and devotion — and how they are applied worldwide

- BAPS's massive contribution in the fields of education, healthcare, and humanitarian relief
- The alignment of their teachings with the mindset that an engineer should have: calm, focused, value-driven and service-oriented

His words set the stage for an inspiring session rooted in purpose and purity.

Dr. V. S. Purani – Principal's Address:

Dr. Purani connected the spiritual theme with the futuristic vision of engineering. He said:

"We need AI in machines, but we also need 'Inner Awareness' in engineers."

He motivated students to:

- Embrace new technologies with ethical responsibility
- Strive to become ideal engineers who are self-aware and emotionally strong
- Always stay joyful, grounded, and connected to the divine source
- View engineering as a way to contribute meaningfully to society

His message reinforced the idea that the most powerful engineer is the one who builds with intention and integrity.

Param Pujya Aksharvatsal Swami – Main Spiritual Session:

Swamiji's calm yet authoritative words filled the hall with positivity. His talk was not theoretical — it was deeply practical, emotional, and relatable.

Core Lessons Shared:

1. Work on Inner Engineering:
   - "You know machines. Now know your mind."
   - Be aware of your habits, speech, reactions, and daily conduct.

2. Your Skills Create Your Future:
   - Don't rely only on marks. Rely on mastery.
   - Refine your skills like a craftsman sharpens his tools.

3. Live Meaningfully with God's Support:
   - "Connection with God is not weakness — it is your ultimate strength."
   - Do your work, surrender the anxiety.

4. You Have Willpower:
   - "You are not weak. You are powerful beyond imagination."
   - Willpower is the engineer's silent engine.

5. Make India No. 1:
   - "If every engineer works sincerely, India will surpass all."
   - Serve with humility. Build with honesty.

3D Formula for Every Student Engineer:

D	Value	Meaning
1	Dedication	Be committed to learning, self-growth, and good actions
2	Discipline	Build strong routines and control over emotions
3	Determination	Never quit — persist through all challenges

Final Words:
"An engineer connected to God and values will never go off track — in life or in lab."

Dr. I. N. Trivedi – Vote of Thanks:
Dr. Trivedi expressed heartfelt gratitude to the BAPS team and Swamiji. He mentioned how such sessions have brought new life to the induction program, making it not just informative but transformative.

He encouraged students to:

- Reflect daily on what they truly want to become
- Attend induction not as a formality but as an opportunity to rebuild themselves
- Carry this inner engineering into all future academic and career decisions

Key Learning Outcomes:

Skill/Value Developed	Description
Emotional Awareness	Understanding feelings, staying calm under pressure
Spiritual Clarity	Learning to act with a sense of divine purpose
Purposeful Engineering	Seeing engineering as a service to nation and humanity
Inner Confidence	Strengthening willpower, decision-making, and positive self-talk
3D Work Ethic	Building a career with Dedication, Discipline and Determination

Final Reflection:
The C6 session wasn't just a lecture — it was a mirror.
It made students reflect on how true success lies not just in scoring high or coding fast, but in staying humble, focused, and rooted.

BAPS's message reminded every student that being an engineer in India is not just a profession — it is a responsibility. A responsibility to build machines, but more importantly, to build lives, values, and the future of a nation.

C7 – Central Expert Lecture Series

"Leadership, Mental Clarity & Bhagavad Gita's Life Lessons"

1. "Engineering Life: Leadership & Inner Stability with ISKCON"

Session Overview:
The eighth Central Expert Lecture of SIP 2025 was a transformative blend of wisdom, practicality and self-introspection. Hosted in collaboration with ISKCON, the session featured Shri Divyasukta Das — a monk, speaker and youth mentor — who guided students on the art of leading a purposeful life.

The session wasn't just about leadership in the corporate sense — it was about self-leadership, clarity of thought, decision-making, and building emotional strength. Centered around timeless teachings of the Bhagavad Gita, the talk addressed both personal development and spiritual awakening.

Dr. I. N. Trivedi – Welcome Address:

Dr. Trivedi opened the session by warmly welcoming the ISKCON speaker and the students. His speech focused on the power of thought and choice.

Key Messages:

- "Good thoughts and bad thoughts shape the quality of your life."
- Compared the "professional journey" and the "personal journey" — and why both must be handled consciously.

- Encouraged students to reflect daily on:

"What are you feeding your mind (input) and what are you producing in your actions (output)?"

- Reminded students that while institutes can show the perfect path, walking it is a personal responsibility.
- Praised VGEC for organizing such soul-touching sessions that don't just make good engineers — but great human beings.

Message: Don't just follow a syllabus. Follow inner discipline and build self-awareness.

Shri Divyasukta Das – Main Spiritual Session:

An inspiring, practical and thought-provoking session that touched every aspect of student life — from discipline to digital distractions, emotions to spiritual strength.

Core Themes Covered:

1. Pillars of Leadership:
   - Leadership isn't about controlling others — it's about managing your own reactions, thoughts and emotions.
   - Leaders make decisions based on values, not impulses.
2. Effects of True Leadership:
   - Real leaders uplift people, maintain stability, and remain composed in chaos.
   - Shared examples from scriptures and real life.
3. Overcoming Life's Problems:
   - "Life problems don't go away — you grow stronger."
   - Bhagavad Gita teaches us how to respond to uncertainty and failure.

4. Finding Solutions from Within:
   - True intelligence is not just technical — it is reflective.
   - Calmness, clarity and honesty lead to the best solutions.

5. Importance of Mental Stability:
   - Without peace, no achievement feels complete.
   - Yoga, meditation, and spiritual reflection bring balance.

6. Dopamine Loop & Tech Addiction:
   - Explained how excessive mobile/laptop usage traps the mind in a pleasure loop.
   - Encouraged students to consciously reduce screen time and reclaim control over attention.

7. Bhagavad Gita – A Manual for Life:
   - Not just a religious book — a universal guide for self-mastery.
   - Lessons on detachment, focus, karma, duty and identity.
   - Urged students to study and apply Gita in their everyday struggles.

Closing Message:
"If you want to become an engineer of machines, build skill.
If you want to become an engineer of your life — read the Bhagavad Gita."

Key Takeaways:

Area	Description
Leadership Qualities	Clarity, calmness, responsibility, and inspiration
Mental Discipline	Stable thinking and emotional control
Dopamine Awareness	Conscious digital use for higher productivity
Life Management	Facing challenges with intelligence and patience
Gita as a Guide	Practical application of ancient wisdom in modern problems

Final Reflection:
The C8 session reminded students that intelligence is not just IQ — it is also EQ and SQ (spiritual quotient).
Through Shri Divyasukta Das' deep yet relatable words, students found not just motivation — but meditation, not just techniques — but timeless truths.

As engineering students gear up to solve real-world problems, this session helped them begin by solving their own internal conflicts first.

It was not just a lecture — it was a life lesson, a mirror, and a manual.


WORKERS


VISHWAKARMA GOVERNMENT ENGINEERING
CHANDKHEDA, AHMEDABAD

C8 – Central Expert Lecture Series

"Vishwaguru Bharat, Human Wisdom & The Power of Gratitude"

1. Lecture with Dr. K. S. Purohit: Vishwaguru Bharat, Inner Wisdom & Gratitude

Session Overview:
The C9 Central Expert Lecture was a soulful journey into the greatness of India, the uniqueness of human intelligence, and the depth of gratitude we must carry for those who shape us…

Dr. K. S. Purohit delivered a patriotic, philosophical, and spiritually rich session that celebrated Bharat as the Vishwaguru and inspired students to embrace their purpose beyond academic achievement. He focused heavily on the difference between artificial intelligence and natural human wisdom, the power of nature, and the vital role of our gurus, parents, and elders.

Dr. V. S. Purani – Principal's Welcome Address:
Dr. Purani welcomed the speaker and audience with warmth and grace. He highlighted the value that the ongoing SIP 2025 expert sessions have brought to students. He reminded students that the true journey begins with a dream, and introduced a powerful framework:

KHWAAB: Chase Your Dreams

Letter	Meaning
K	Knowledge
HA	Hard Work
W	Wisdom
A	Ability
B	Behaviour

He encouraged students to follow their dreams with discipline and values, saying:

"A great engineer is not just skilled, but also cultured, grounded, and self-aware."

Dr. K. S. Purohit – Main Lecture: From Machines to Mindfulness

Dr. Purohit began his speech with the sacred Shloka:

"ओं भद्रं कर्णेभिः शृणुयाम देवा..." A prayer for pure hearing, noble actions, and a righteous life.

Core Insights from the Session:

1. "India is and will remain the Vishwaguru":
    - Bharat has been a leader in knowledge, peace, science, and humanity.
    - Spiritual knowledge and intellectual strength are India's eternal gifts.
2. "Become a child again":
    - Joy, curiosity, and surrender are the traits of true learners.
    - When you become simple, learning becomes joyful.
3. AI vs. Natural Intelligence:
    - AI can simulate thought but cannot feel gratitude, emotion, or purpose.
    - Human intelligence has morality, reflection, and spiritual energy.
    - "Don't become robots of data. Become seekers of wisdom."
4. The Importance of Nature:
    - Your environment shapes your mind.
    - Stay close to nature, silence, and simplicity for clarity.

5. Be Grateful to Your Gurus:
    - Gurus shape your thoughts, actions, and future.
    - A student should carry गुरु ऋण as lifelong reverence.

Dr. I. N. Trivedi – Vote of Thanks & Spiritual Reflections:

Dr. Trivedi thanked Dr. Purohit for the profound wisdom he shared and encouraged students to look beyond the syllabus to their purpose.

He explained three timeless debts (ऋण):

ऋण (Run)	Significance
मातृ ऋण(Matru Run)	For your mother's unconditional love and sacrifices
पितृ ऋण (Pitru Run)	For your father's guidance, support, and silent strength
गुरु ऋण (Guru Run)	For your teachers' wisdom, vision, and faith in your potential

He concluded by saying:

"Repaying these debts doesn't require rituals — it requires gratitude, character, and contribution."

Key Takeaways:

Value	Description
KHWAAB Framework	Align your dream with discipline and values
Vishwaguru Identity	Pride in Indian wisdom, tradition and role in global knowledge
AI vs. Human Intellect	Machines calculate; humans contemplate and care
Environment Awareness	Mental clarity is rooted in natural and spiritual surroundings
Guru Bhakti	Teachers deserve lifelong respect and remembrance

Final Reflection:

The C8 Expert Lecture was not just a session — it was a reminder of who we are and who we must become. Dr. Purohit's thoughts reconnected students with Indian ideals and their inner compass. Dr. Purani's KHWAAB mantra and Dr. Trivedi's spiritual insights on Matru-Pitru-Guru Run made this session one of the most meaningful milestones of SIP 2025.

In a world chasing AI, it reminded students to upgrade their inner operating system first.

C10 – Central Expert Lecture Series

"Discover the Purpose. Design the Journey. Lead with Life Skills."

1. Dr. Gaurang Gandhi Live at VGEC – Life Skills, Youth Identity & Purposeful Living

Session Overview:
The C9 Central Expert Lecture under SIP 2025 focused on redefining the meaning of youth and empowering students with life skills that are crucial for navigating their personal, academic, and social journeys.

Dr. Gaurang Gandhi led an energetic, thought-provoking session that emphasized identity, mindset, and the purpose-driven nature of human life. With a mix of storytelling and practical thought, he inspired students to understand the worth of their body, their soul, and their unique role in the world.

Dr. V. S. Purani – Principal's Welcome:
Dr. Purani welcomed the guest speaker and the audience by reflecting on the overall success and evolution of the SIP Expert Lecture Series. He highlighted:

- The lasting value these sessions bring into students' thinking
- How college life is not just a phase but a transformation platform
- The importance of becoming not just a good engineer, but a good and socially impactful person

Message: "These expert sessions leave you with more than notes — they leave you with purpose."

Dr. Gaurang Gandhi – Main Lecture: Youth, Life Skills & Purpose

Dr. Gandhi began the session with powerful questions that immediately sparked student engagement:

"What is youth? What does it really mean to be young?"
"Have you ever paused to ask — why were you born?"

He masterfully connected with the audience by blending humour, honesty, and deep introspection. The students were not just listeners — they became participants in self-discovery. His voice carried energy, but his words carried purpose.

He emphasized that the true power of youth is not in rebellion or reaction — but in reflection. He urged students to stop chasing validation and start chasing meaning.

He walked the students through their own lives — asking them to look at their past, observe their daily habits, and re-evaluate what success means.

Key Points from the Session:

- Youth is not just an age — it is a force of energy, responsibility, and possibility.
- Life is a journey — one that you must walk with awareness, not autopilot.
- Your soul is your most valuable asset — protect it through truth, discipline, and conscious living.
- Your body is a divine tool — honour it with balance and care.
- Every human life is created for a unique purpose — find it, don't copy others.

- Life skills are more important than marks — they help you face pressure, failure, and uncertainty.
- Your mindset defines your reality — train your thoughts like a muscle.
- There is no greater education than learning to live with dignity, discipline, and direction.

Quote: "You are not born by accident. You are chosen by the universe to play a role only you can fulfil. "You are not born by accident. You are chosen by the universe to play a role only you can fulfil."

Dr. I. N. Trivedi – Vote of Thanks:

Dr. Trivedi thanked Dr. Gandhi for his empowering and reflective words. He elaborated on key takeaways by explaining:

- The difference between living consciously and living passively
- How gratitude, self-awareness, and internal clarity help in academic as well as life success
- Encouraged students to not just attend but absorb — because these learnings shape their character

Final Thought: "SIP is not about information; it's about internal transformation."

Key Takeaways:

Insight	Description
Definition of Youth	A phase of potential, purpose, and contribution
Life as a journey	Not just about reaching, but about evolving and understanding
Value of the Soul	Inner clarity is more vital than external identity
Human Design	Our mind, body, and energy are designed for creation, not destruction
Life Skill Empowerment	Facing real-life situations with awareness, not anxiety

Final Reflection:

The C9 Expert Lecture delivered timeless lessons in modern language. Dr. Gandhi's powerful messages lit a spark of reflection and energy in every student. It wasn't about motivation — it was about meaning.

As engineering students move forward into a competitive world, this session reminded them that the biggest project they'll ever design — is their own life.

C10 – Central Expert Lecture Series

The Corporate Edge: Leadership, Mindset & Career Wisdom

1. Mr. Harish Jakhmola – Vice President, Head of Quality, Kalpataru Projects International Ltd.

The C3 Expert Lecture was delivered by VGEC alumnus Mr. Harish Jakhmola, currently serving as the Vice President – Head of Quality at Kalpataru Projects International Ltd. His

session was a seamless blend of corporate wisdom, personal evolution, and practical advice. Dr. V. S. Purani proudly introduced him as his former student during their time at GEC Modasa, highlighting his journey from classroom benches to boardroom strategy.

Mr. Jakhmola began his session by taking students on a walk-through memory lane — recalling his college days, academic challenges, and how placement interviews shaped his personality. He emphasized that success is a result of small disciplines repeated every day — from classroom etiquette and punctuality to emotional intelligence and social conduct.

Key Themes Explored:

- The transition from college to corporate: decoding interviews, resume building, and soft skills
- Health and fitness: why mental, physical, and emotional well-being are central to professional longevity
- Leadership insights: how to rise above mediocrity and leave an impact wherever you go
- The importance of attendance, grooming, and classroom presence in shaping perception
- Learning to accept, adapt, and grow — rather than reacting or resisting
- Becoming a specialist: the importance of mastering one domain deeply
- Career is not just a ladder — it's a responsibility to represent your institution with pride

Core Message:

"You must make your presence felt — not through loudness, but through excellence."

Dr. I. N. Trivedi – Reflections and Vote of Thanks:

Dr. Trivedi appreciated how Mr. Jakhmola beautifully integrated multiple life dimensions — health, humility, leadership, and professionalism — into one cohesive lecture. He reminded students that such sessions are life-altering if absorbed sincerely.

He encouraged students to not only remember the stories, but to act on the values they convey.

Final Word: "This was not just a speech — it was a mirror. And mirrors don't lie."

Conclusion: A Transformational Beginning

The Orientation Day of SIP 2025 was not just an event — it was an experience. It marked the beginning of a 3-week long journey that promised not just academic preparation, but emotional maturity, social awareness, and personal growth.

With a collective message of curiosity, courage, and continuous learning, SIP 2025 opened the gates of engineering life — not just with lectures, but with vision.

"Today's students are tomorrow's innovators — and it all begins with a purpose."

C11 – Central Expert Lecture Series

The Power of Passion, Potential & Personality

Mr. Vincent Vaz – Communication Expert & Youth Mentor

The C11 Expert Lecture was delivered by Mr. Vincent Vaz, a veteran mentor associated with Nirma University and other reputed institutions, who has dedicated years to nurturing young minds through meaningful induction programs and skill sessions.

Dr. V. S. Purani welcomed the speaker and shared that Vincent Vaz has not only guided thousands of students but also made induction sessions truly joyful, transformative, and memorable through his high-energy approach and emotionally intelligent methods.

Mr. Vaz brought not just knowledge but emotion, humor, reflection, and interaction. His session touched students deeply — reminding them of their uniqueness, and encouraging them to speak the truth, act with discipline, and live with purpose.

Core Concepts Explored:

- Honesty: “Jab sach bologe to sabko aakhir mein accha lagega.”
- Desire (इच्छा): Have the hunger to grow and become more.
- Discipline (अनुशासन): Your consistency is your credibility.
- Dedication (समर्पण): Don’t just try — give your whole self.
- Dilution: Let go of ego, negative self-talk, and overconfidence — dilute what limits you.
- Confidence: It's not about who’s around you — it's about what’s within you.

- Charm of Life: Appreciate what you have; everything is a meaningful part of your journey.
- Self-Identity: Your inner potential is your real power — know it and use it when it matters most.
- Everyone has a unique spark — own it, honor it, express it.

Motivational Insight:

"Jo tumhare paas hai woh hi tumhara signature hai — usey duniya ke samne lana seekho."

Dr. I. N. Trivedi – Vote of Thanks:

Dr. Trivedi appreciated Mr. Vaz for his magnetic presence and his ability to engage students with energy and emotion. He highlighted that such speakers re-energize the academic atmosphere and unlock confidence in every student.

Reflection: "Aisa vyakti students ko bas sikhata nahi — unme jaan bhar deta hai."

Conclusion: A Transformational Beginning

The Orientation Day of SIP 2025 was not just an event — it was an experience. It marked the beginning of a 3-week long journey that promised not just academic preparation, but emotional maturity, social awareness, and personal growth.

With a collective message of curiosity, courage, and continuous learning, SIP 2025 opened the gates of engineering life — not just with lectures, but with vision.

"Today's students are tomorrow's innovators — and it all begins with a purpose."

C12 - Final Day Reflections & Concluding Ceremony

The final day of SIP 2025 was not a goodbye — it was a grand celebration of beginnings, a farewell to fear, and a welcome to purpose.

With the auditorium filled with hope, energy, and gratitude, the concluding session brought together every faculty pillar who made this 3-week journey transformative.

🎓 **Department Heads Present:**

- Power Electronics – Dr. Indrajit N. Trivedi
- Electrical – Dr. Saurabh N. Pandya
- Chemical – Dr. Femina J. Patel
- Instrumentation & Control – Dr. Mehul K. Shah
- Computer – Dr. Kajal S. Patel
- Information Technology – Dr. Vibha D. Patel
- Electronics & Communication – Dr. Arun B. Nandurbarkar
- Mechanical – Dr. Pragnesh K. Brahmbhatt
- Civil – Dr. Navneet P. Singh

Each HOD stepped forward not just to welcome, but to connect — giving students a warm introduction to their departments, discussing curriculum highlights, growth opportunities, industry trends, and the kind of support they'll receive throughout their academic journey.

It wasn't a lecture — it was a declaration: that VGEC is here to uplift, guide, and walk beside every student, in every domain.

Principal's Closing Reflection – Dr. V. S. Purani

"This institution is more than its buildings and labs. VGEC is your platform, your training ground, your safe space to evolve. We are here not just to produce engineers, but to nurture nation builders."

He encouraged students to dream freely, fail fearlessly, and never stop learning. His words carried warmth — and a promise.

Student Voices – Live Feedback Round

The final moment belonged to the students. In an open mic format, students from different departments came forward — some shy, some bold, all honest.

They shared how:

- The sessions helped them overcome hesitation and make friends
- Speakers lit a fire of confidence and career clarity
- They now felt they belonged — not just to a college, but to a community

Tears welled up in a few eyes, smiles sparkled across the crowd — and a unified applause said it all:

Final Thought:
“Induction may have ended on the schedule — but in our hearts, it’s just the beginning of something extraordinary.” “Induction may have ended on paper — but its impact will echo in our lives for years to come.”

The Orientation Day of SIP 2025 was not just an event — it was an experience. It marked the beginning of a 3-week long journey that promised not just academic preparation, but emotional maturity, social awareness, and personal growth.

With a collective message of curiosity, courage, and continuous learning, SIP 2025 opened the gates of engineering life — not just with lectures, but with vision.

“Today’s students are tomorrow’s innovators — and it all begins with a purpose.”

Module 1: Universal Human Values I (UHV I)

Cultivating Perspective, Purpose & People-Centred Thinking

Module Objective:
The Universal Human Values (UHV I) module aims to install a holistic outlook among students by encouraging self-reflection and awareness of one's role in family, society, and nature. Through introspective exercises, interactive discussions, and thoughtfully curated activities, the module emphasizes values such as empathy, respect, integrity, self-confidence, and social responsibility key elements for both personal and professional success.

Date: ***25th June 2025***
Session: *3rd (S3)*

Activity Conducted:

- Screening of **DD News' Documentary on the "50 Years of Emergency in India"**
- **Interactive Quiz** based on the documentary content

Module Mapping:

- *UHV Themes Covered:* Civic awareness, ethical leadership, reflection on justice & governance, self-exploration in the context of societal events

Session Description:
This powerful session opened with a thought-provoking documentary highlighting the historical, political, and moral implications of the Emergency imposed in 1975. Students were exposed to real accounts of freedom restrictions, media censorship, and constitutional challenges, prompting them to reflect deeply on the responsibilities of leadership and the price of democracy.

Following the screening, an interactive quiz tested not just memory but critical thinking — enabling learners to discuss what they would have done as responsible citizens or future policymakers.

Learning Outcomes:

- Enhanced understanding of **democratic values** and **ethical decision-making**
- Fostered discussions around **freedom, law, and civic duties**
- Encouraged critical reflection on **individual roles in society**

Student Reflection:*"The session made me realize how fragile our rights can be and why we must stand for values like freedom and justice — not just in politics, but in our daily lives."*

Date: ***1st July 2025***
Session: *1st (S1)*

Activity Conducted:

- Motivational session on **"Human Mindset"**
- Screening of the globally renowned documentary **"The Secret"** (Law of Attraction)

Module Mapping:

- *UHV Themes Covered:* Aspirations, self-belief, goal-setting, attitude towards challenges

Session Description:
This session revolved around the **power of mindset** in shaping one's life experiences. "The Secret" documentary introduced students to the concept of *law of attraction*, emphasizing how thoughts, beliefs, and intentions can manifest into reality. It drew attention to the profound connection between **thoughts and outcomes**, aligning with UHV's purpose of self-exploration and internal harmony.

The session was followed by an open discussion, where students shared how they perceived their future and what beliefs they needed to challenge within themselves to grow.

Learning Outcomes:

- Shifted focus from fear to possibility
- Encouraged personal **goal-setting and vision-building**
- Reinforced **belief in one's potential** as the foundation of action

Student Reflection:*"For the first time, I visualized myself as the person I want to be — this session gave me clarity, not just motivation."*

Date: ***2nd July 2025***
Session: *1st (S1)*

Activity Conducted:

- Open discussion on **Universal Human Values**
- **Real-life story sharing** by seniors/faculty (assumed for flow confirm if needed)
- Reflective journaling exercise

Module Mapping:

- *UHV Themes Covered:* Interpersonal relationships, self-awareness, empathy, harmony

Session Description:
The session began with short real-life anecdotes that captured the importance of **trust, gratitude, cooperation**, and the **emotional complexities** of college life. Students were encouraged to relate these stories to their own lives and participate in an open floor dialogue. Towards the end, each student wrote a personal note reflecting on one value they truly believe in and how they wish to live it consciously during their journey in engineering.

Learning Outcomes:

- Enhanced **emotional intelligence** and **interpersonal awareness**
- Connected theoretical values with **real-world emotions and actions**

- Developed an understanding of **trust, empathy, and mutual respect**

Student Reflection:*"I felt truly heard. It was the first time I realized that being strong isn't about hiding feelings but being honest with them."*

2nd July 2025
Session: *2nd (S2)*

Activity Conducted:

- Open discussion on Universal Human Values
- Real-life story sharing by seniors/faculty
- Reflective journaling exercise

Module Mapping:

- UHV Themes Covered: Interpersonal relationships, self-awareness, empathy, harmony

Session Description:
The session opened with simple yet powerful real-life anecdotes, narrated by faculty and possibly senior students, showcasing the value of trust, gratitude, cooperation, and emotional resilience in college life. Students resonated deeply with these examples and soon the room transformed into a space of active, heartfelt dialogue.
Everyone was invited to reflect openly on their own life experiences — the moments they felt heard, valued, or misunderstood. This fostered a culture of empathy and emotional expression.
Towards the end, students were guided into a reflective journaling activity where each one wrote a personal value they strongly connect with and how they wish to practice it in their upcoming engineering journey.

Learning Outcomes:

- Strengthened emotional intelligence and interpersonal awareness
- Connected theoretical values to lived experiences and feelings
- Understood the deeper meaning of trust, empathy, and mutual respect

Student Reflection:

"I felt truly heard. It was the first time I realized that being strong isn't about hiding feelings but being honest with them."

Module 1 Final Summary:

*"*Module 1 acted as a bridge between the outer world and inner consciousness of students. The activities were crafted not only to inform, but to transform to guide students in uncovering their values, realizing their strengths, and acknowledging their emotional journeys. Through visual media, reflective tasks, and empathetic dialogue, this module cultivated a deep sense of purpose and ethical clarity essential for the journey ahead."

Module 2: Physical Health and Related Activities

Strengthening Body, Discipline, and Bonds Through Activity

Module Objective:
This module aimed at promoting physical wellness, team spirit, and discipline among students through structured sports, games, and health-awareness activities. The goal was not only to foster a healthy lifestyle but also to develop teamwork, leadership, and emotional resilience. The sessions were designed to build camaraderie while channeling the students' energy into constructive engagement.

Detailed Date-wise Report of Module 2 Activities

Date: 24th June 2025
Session: *S3*
Activity Conducted:

- **Outdoor Sports:** Basketball, Badminton, Cricket, Throwball
- **Fitness Warm-ups and Group Drills**
- Students were divided into mixed teams and rotated between stations

Description:
The induction began with vibrant outdoor sports and physical warm-up routines. These sessions broke the ice among juniors and instilled a sense of unity through active play. Basic drills and team matches ensured every student participated regardless of experience level.

Learning Outcomes:

- Promoted physical fitness and body coordination
- Initiated peer bonding through teamwork
- Introduced the idea of healthy competition and discipline

Date: 25th June 2025
Session: *S1*
Activity Conducted:

- Motivational Physical Session by **Ignited Youth Forum** (affiliated with *Vivekananda Kendra*)
- Interactive talk on **Swami Vivekananda's ideology** + **Yoga-based movements**

Description:
Representatives from the Ignited Youth Forum led an engaging session combining mild physical drills with life lessons from the teachings of Swami Vivekananda. The forum emphasized **mental discipline, inner strength, and focus**, encouraging students to build their character through consistent physical and spiritual practice.

Learning Outcomes:

- Blended philosophy and physicality for holistic growth
- Introduced Swami Vivekananda's vision of youth power
- Emphasized yoga and focus-building exercises

Quote from Speaker:*"You cannot believe in God until you believe in yourself." — Swami Vivekananda*

Date: 26th June 2025
Session: *S1*
Activity Conducted:

- General Knowledge & Engineering Quiz
- Students were grouped and competed in multi-round format

Description:
This intellectually stimulating session tested students on general awareness and basic engineering concepts. With group-based answering, the quiz was designed to build collaborative thinking under pressure, boost curiosity, and develop healthy competition.

Learning Outcomes:

- Improved teamwork and time-bound decision making
- Enhanced awareness of global and engineering topics
- Encouraged quick thinking under pressure

Date: 27th June 2025
Session: *S1 & S2*
Activity Conducted:

- Basketball and Badminton Revisited
- Inter-team friendly matches and fun rallies

Description:
Back by demand, students engaged in sports sessions that were more competitive this time. Leaders emerged from within teams, and some groups initiated their own warm-up rituals, showing increased initiative and enthusiasm.

Learning Outcomes:

- Boosted student confidence and leadership

- Strengthened physical endurance and reflexes
- Reinforced group bonding through repeat participation

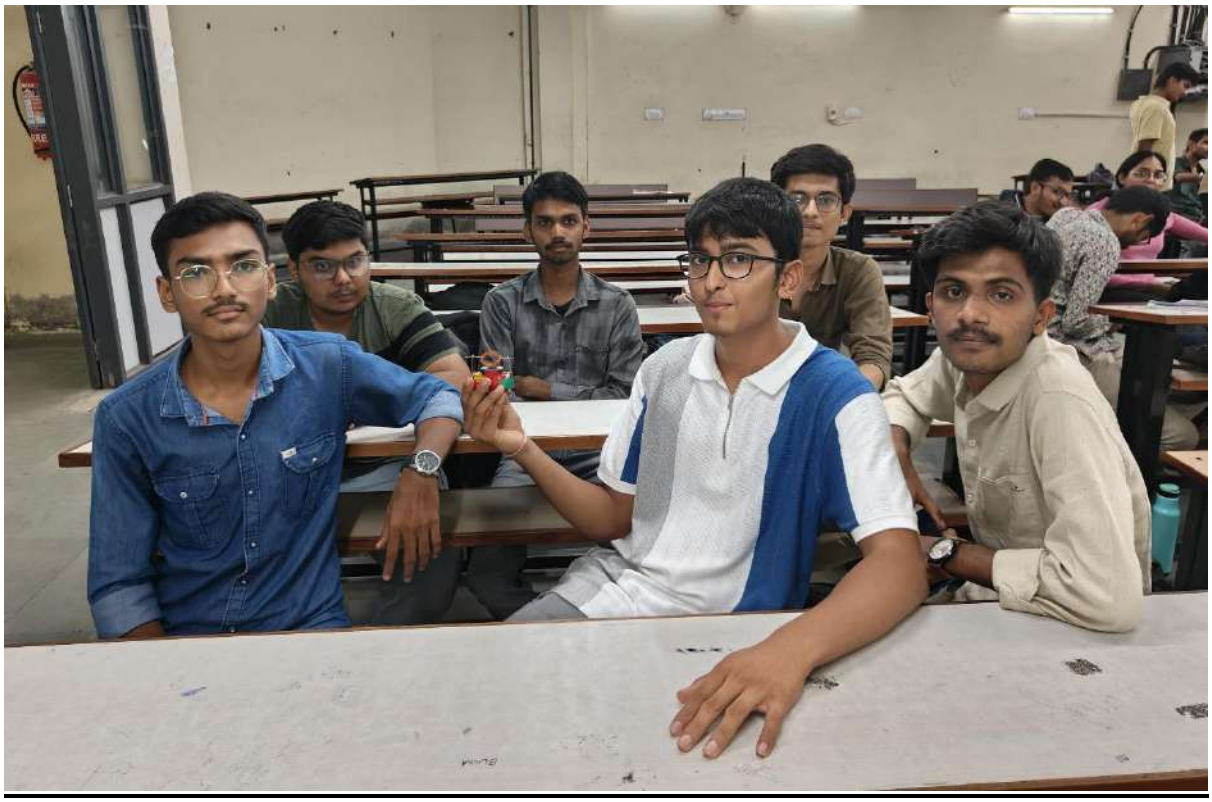
Date: 30th June 2025
Session: *S2*
Activity Conducted:

- **Indoor Games:** Garba Session + Passing the Ball + Group Puzzles

Description:
A relaxed day filled with culturally rooted and engaging activities. Students danced to the beats of Garba merging fun, fitness, and tradition. The "Passing the Ball" team game and group puzzle-solving created a playful learning environment.

Learning Outcomes:

- Boosted social comfort and joy through dance
- Nurtured mutual respect via cultural celebration
- Encouraged lateral thinking through team puzzles



Date: 2nd July 2025
Session: *S3*
Activity Conducted:

- **Demonstration: "Working of DC Motor"**
- Conducted as part of hands-on creative session under physical skill theme

Description:
Although technical in content, this session blended **visual observation and mechanical understanding** in a hands-on format, aligning with "Proficiency through Physical Engagement". Students watched the internal mechanism of a DC motor and participated in a demo on how motion and electricity co-relate linking movement and intellect.

Learning Outcomes:

- Interpreted motion-based mechanics practically
- Understood applied physics in motor design
- Developed observational learning capacity

Date: 3rd July 2025
Session: *S1*
Activity Conducted:

- **Induction Report Preparation Workshop**
- Parallel **Indoor Game Session: Chess, Carrom**

Description:
The first half introduced students to the structure, importance, and formatting of the final induction report. Meanwhile, an indoor game corner operated with matches in Chess, Carrom, and memory games promoting cognitive stimulation and strategic play.

Learning Outcomes:

- Understood professional documentation & report-making
- Built mental resilience through competitive thinking
- Fostered patience, focus, and planning through games

Date: 7th July 2025
Session: 3rd (S3)

Activity Conducted:

- Introduction to Indoor & Outdoor Sports Rules
- Practical awareness of gameplay formats, safety, and fairness
- Group demonstration and discussion on selected sports

Session Description:
In this physically engaging session, students were introduced to the fundamental rules and formats of popular sports such as Volleyball, Basketball, Badminton, and Table Tennis. Faculty and student coordinators explained essential gameplay mechanics, scoring systems, foul rules, and fair play ethics.

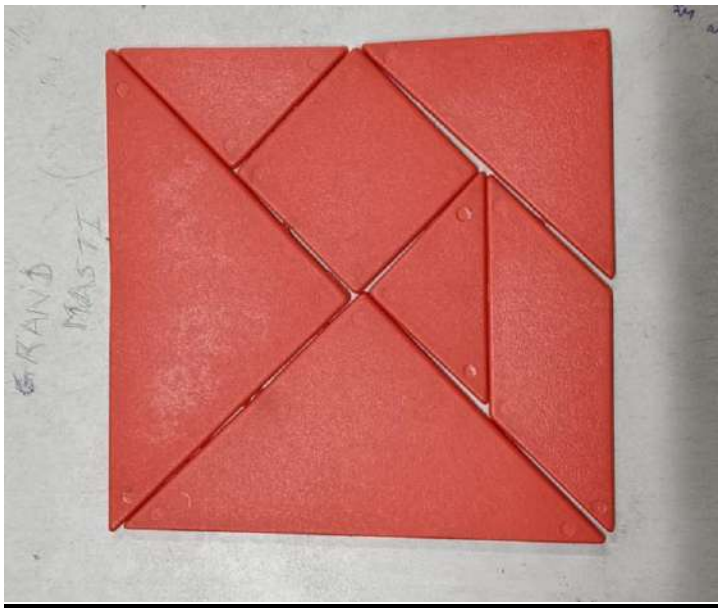
The emphasis was on building awareness of how sportsmanship, strategy, and coordination are not only important on the field but also reflect values essential in engineering teamwork and project collaboration.

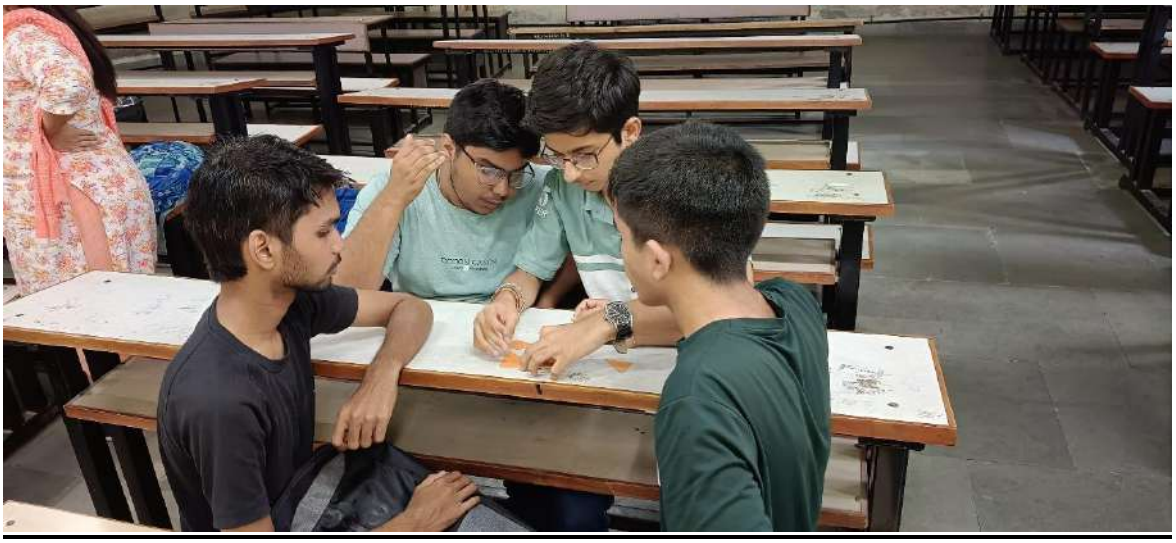
Students also actively participated in forming teams, observing matches, and even discussing conflict-resolution and referee roles to better understand rules in action.

Learning Outcomes:

- Gained awareness of basic rules and gameplay of various sports
- Developed appreciation for discipline, coordination, and fairness in physical activities
- Understood the role of sports in promoting team-building, leadership, and mental wellness

Student Reflection:
"We usually play for fun, but today I saw how understanding rules and respecting fairness makes the game far more exciting — and meaningful."





Date: 9th July 2025
Session: S3
Activity Conducted:
• Interactive Session on *"What is Creativity & Why is it Important?"*
• Creativity-Boosting Game
• Tangram Puzzle Challenge

Description:
The session began with an engaging talk on the meaning of creativity, its real-world significance, and how it applies across disciplines. Students explored how creativity enhances problem-solving, innovation, and expression. This was followed by fun creativity-stimulating activities, including visual association games and the Tangram Puzzle Challenge—where

students created meaningful shapes using geometric pieces, encouraging imagination and logical reasoning.

Learning Outcomes:

• Gained clarity on the role of creativity in academic and personal growth
• Enhanced imagination, critical thinking, and pattern recognition
• Experienced teamwork, visual-spatial reasoning, and out-of-the-box thinking through games

Module 2 Final Summary:

Module 2 ensured that students didn't just learn with their minds but also moved with their bodies, danced with their hearts, and played with their spirits. Through a balance of tradition, intellect, and fun, this module helped bring out hidden talents, connect juniors across barriers, and planted the seed of a balanced, healthy, and collaborative college journey.

Module 3: Department Familiarization & Innovation Exposure

Power Electronics – Shaping the Future Through Circuits, Control, and Creativity

Module 3 was dedicated to introducing students to their academic roots — the department where their engineering journey begins. For Power Electronics students, this wasn't just a visit — it was a discovery of identity, purpose, and possibility.

From the moment they entered the department, students were welcomed with inspiring words from faculty and seniors. The session began with an overview of how Power Electronics goes far beyond circuits — it powers every machine, connects renewable energy systems, and lies at the heart of automation, electric vehicles, and intelligent control systems.

What is Power – And Why Power Electronics is Foundational

Electricity is the invisible lifeline of modern civilization — and power is its force. From the lights in your room to the data flowing through cloud servers, from electric vehicles to life-saving medical equipment — nothing runs without power. But it is Power Electronics that allows us to harness, convert, control, and optimize this power for various applications.

Without power electronics, there would be no control over how energy is supplied to electronic and electrical appliances. You can't charge your phone, drive an EV, operate a factory motor, or even run a microwave oven — all depend on controlled, regulated, and efficient power.

Power Electronics is the bridge between generation and application. It ensures that energy reaches devices in the right form, at the right time, and with minimal loss. That's why this field isn't just important — it's indispensable.

Department Highlights:

- Interactive session on the Power Electronics curriculum and its relevance in today's technological world
- Orientation on core subjects like power converters, electric drives, embedded systems, and control engineering
- Faculty introduced department labs including simulation, hardware implementation, PCB design, and project testing zones
- Discussions on career avenues in industrial automation, EVs, robotics, smart grids, and aerospace applications
- Talk on interdisciplinary synergy between electronics, coding, mechanical design, and innovation mindset

Innovation Highlights from VGEC:

- **Fire Emergency Communication System** – RF + GSM-based smart alert network for society safety.
- **RF Announcement System** – Low-cost, decentralized zone communication tool.
- **Buck-Boost Converter** – Efficient DC power regulation using industry-grade MOSFET and PWM ICs.
- **Radar-Based Security System** – Ultrasonic/motion detection integrated alert system.
- **Robotic Arm** – Arduino + sensor-based industrial simulation arm with multi-joint motion.
- **Quadcopter Drone** – Wireless aerial system with PID stabilization logic and brushless propulsion.

Each project showcased not just technical skills but also reflected real-world social problem solving — from home safety to energy conservation to smart infrastructure.

Student Reflection:
"For the first time, I saw how the small symbols in my textbook diagrams come alive — as drones, circuits, converters, and lifesaving alarms. I want to be the one building next."

Module 4: Local Area Visit

Exploring the Engineering World Beyond Classrooms & Within Values

As a part of Module 4 of the SIP 2025 program, students were taken on a guided Local Area Visit to explore not only real-world environments but also values that define personal and societal growth. The visit aimed to offer practical exposure beyond textbooks while grounding the students in India's rich cultural and spiritual heritage.

This thoughtfully curated experience combined the core tenets of human values, environmental empathy, and spiritual awareness — essential qualities for engineers shaping the future.

Places Explored:

- **ISKCON Temple, Kathwada, Ahmedabad**
- **Gaushala premises and spiritual campus**

Activities & Experience:

- A deeply inspiring discourse on the Bhagavad Gita by ISKCON mentors, focusing on strength of mind, purpose of life, and ethical living
- Discussions on universal life values such as compassion, humility, and contentment
- Guided Gaushala visit where students learned about the ecological, emotional, and traditional significance of cows in Indian culture
- Hands-on seva: Students participated in gau seva by offering fodder to cows with heartfelt reverence
- A moment of unity and joy as students shared prasadam — warm khichdi — together, symbolizing equality and simplicity

This was not just a visit — it was a journey inward. Students left not just with notes, but with emotions, questions, and a renewed sense of purpose.

Student Reflection:

"This visit showed us that engineering is not just about machines and systems — it's about heart, culture, and humility. It made me feel rooted and responsible in a way the classroom never had." "Seeing real-world engineering makes everything we study come alive — it makes you want to build something meaningful."


गोपाल कृष्ण गौशाला
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Module 6: Proficiency Modules

Building Communication Confidence for Academic and Real-world Success

Date: 25th June 2025
Session: S1

Module Objective:
This module aimed to enhance students' foundational skills in verbal communication, especially in English an area where many first-year learners face hesitation or under confidence. It focused on building the ability to express thoughts clearly, listen actively, and engage meaningfully in both academic and social environments.

Activity Conducted:
Workshop on "Public Speaking & English Communication Skills"

The session was a blend of theory, interactive practice, and confidence-building drills. Trainers adopted a student-centric approach to dissolve hesitation, reduce language anxiety, and develop articulation, stage comfort, and fluency.

Detailed Description:
The session commenced with a brief discussion on the importance of communication in academic and professional life. Trainers then used role-play exercises, extempore speaking, and interactive pair activities to **push students out of their comfort zones**. Focus was given to:

- Overcoming stage fear through small group presentations
- Sentence framing and idea organization techniques
- Vocal variety and tone modulation
- Maintaining eye contact and body posture
- One-to-one dialogue on real-life topics in pairs

Special emphasis was laid on eliminating the fear of making mistakes and encouraging active listening as an essential communication tool. Students were also taught how to construct opening statements, present ideas logically, and close with clarity.

Learning Outcomes:

- Gained confidence in English speaking
- Improved clarity in sentence construction and idea expression
- Reduced fear of public speaking
- Understood importance of posture, eye contact, and listening

Student Reflection: "Earlier, I always avoided speaking in English out of fear, but today I realised I can do it. The activities made it fun, and I actually spoke in front of everyone for the first time."

Module 6 Final Summary:
The Proficiency Module focused on enhancing students' English communication through an engaging workshop. Activities like role-playing, pair speaking, and stage exercises helped students overcome hesitation and build speaking confidence. The session emphasized body language, clarity of thought, and effective expression.

By the end, students showed improved fluency, reduced fear of public speaking, and greater participation in conversations laying the foundation for future presentations, interviews, and leadership roles.

Module 7: Literature & Indian Knowledge System (IKS-I)

Connecting Modern Minds to Ancient Wisdom & Cultural Values

Module Objective:
Module 7 was designed to help students reconnect with the intellectual, cultural, and philosophical depth of India's ancient knowledge systems. The aim was not only to introduce literary heritage and historical frameworks but also to demonstrate their relevance in modern society especially in areas like law, mindset, ethics, and identity. Activities were selected to inspire critical thinking, cultural respect, and holistic learning.

Detailed Session Reports
24th June 2025 | Session S2

Activity: Cultural Quiz on Indian Heritage & Values

Description:
This interactive quiz session was curated to test and expand the students' awareness of India's rich cultural traditions covering themes such as mythology, classical arts, literature, historical movements, festivals, freedom fighters, and ancient scientific achievements.

Rather than a typical quiz, this session encouraged team participation, debate, and healthy competition. Each question led to short discussions, where students learned the context behind answers, creating a balance of fun and learning.

Learning Outcomes:

- Developed awareness of civilizational diversity and continuity
- Gained insights into Indian contributions in philosophy, astronomy, medicine, and architecture
- Strengthened teamwork, quick recall, and interpretive thinking

26th June 2025
Session S2

Activity: Lecture + Discussion on "Property Rights in Indian Society"

Description:
This session offered a fascinating legal and sociological perspective on how **property ownership and rights** evolved in India across centuries from Vedic traditions to the Constitution. Students explored the intersection of cultural values and legal thought, including how caste, gender, and social norms shaped access to land and inheritance.

The speaker highlighted contrasts between ancient Indian legal codes (e.g., Manusmriti, Arthashastra) and contemporary frameworks (e.g., Hindu Succession Act, Land Reforms). The conversation also reflected on the progress of **women's property rights**, land distribution issues, and the ethical dimensions of ownership and equity.

Learning Outcomes:

- Understood how historical traditions influence present-day legal structures
- Reflected on social justice issues rooted in land and power
- Developed legal reasoning based on cultural awareness

27th June 2025
Session S2

Activity: The Law of Mindset – Philosophy, Psychology, and Personal Transformation

Description:
This powerful motivational session bridged ancient Indian philosophical insights with modern psychology to explore the "law" that governs our mindset. Using texts like the Bhagavad Gita and Yoga Sutras alongside case studies and real-life stories, the session unpacked how thought patterns influence decisions, confidence, and growth.

Students engaged in guided exercises such as **limiting belief identification**, **mind reframing**, and **vision mapping**. The speaker discussed how to replace self-doubt with affirmation, how emotional clarity leads to academic focus, and how inner discipline is the foundation for external success.

Learning Outcomes:

- Developed a structured understanding of how mindset affects daily outcomes
- Connected Indian philosophies with emotional resilience and goal-setting
- Learned practical tools to break negative thought cycles and rewire focus

Student Reflection: "I never realized how my own thinking stopped me from trying new things. Today I learned how to reset my inner voice."

Final Summary – Module 7:
The Literature and Indian Knowledge Systems module was a reminder that engineering education does not exist in isolation. It is deeply enriched by culture, ethics, identity, and mindset. Students not only explored Indian traditions and law but also applied philosophical tools to enhance their personal growth. From recalling forgotten heritage to understanding the architecture of the human mind, this module created a bridge between ancient wisdom and modern youth.

Module 8: Creative Practices

Exploring Innovation Through Creativity, Tools, and Ideas

Module Objective:
This module aimed to awaken students' creative thinking and integrate it with technical learning to build a culture of innovation, design, and entrepreneurship. Students were introduced to modern tools, problem-solving strategies, and real-world applications of their ideas fostering both individual expression and team-based collaboration. The focus was on developing an engineer who doesn't just understand systems, but envisions solutions.

Detailed Session Reports
24th June 2025 | Session: S1

Activity: Workshop on "AI-based PPT Design and Canva Tools"

Description:
In the age of visual storytelling, this hands-on session empowered students with modern tools to present their ideas creatively and effectively. The workshop introduced AI-powered design platforms like Beautiful.ai and Gamma.app, along with an extensive Canva tutorial. Students learned the art of clean visual structure, consistency in slide language, and the psychology of colour and layout.

They were then tasked to create real-time content: branch introduction slides, club/event posters, and tech concept templates pushing them to transform raw ideas into impactful designs.

Learning Outcomes:

- Understood the fundamentals of digital storytelling and visual branding
- Learned platform-specific workflows for Canva and AI-based design tools
- Developed the ability to present technical data in user-friendly formats
- Improved layout sense, color balance, font hierarchy, and aesthetic alignment

26th June 2025
Session: S2

Activity: Alumni Talk by Mr. Bhavin Mulasiya
Topic: "Future Scope in Engineering"

Description:
Mr. Bhavin Mulasiya, an accomplished alumnus from the Instrumentation & Control branch,

shared valuable insights from his journey — covering how academic learning must evolve alongside industry expectations. He discussed transitions in the engineering landscape: from core design roles to automation, IoT, systems integration, and interdisciplinary careers.

He emphasized the importance of multi-skill development — combining technical knowledge with communication, digital tools, and real-world exposure through internships or mini-projects.

Key Highlights:

- Explained “Skill stacking” as a career differentiator
- Talked about adaptability and upskilling in Industry 4.0
- Encouraged students to maintain curiosity and side projects from semester one

Learning Outcomes:

- Gained clarity on emerging tech domains and futuristic roles
- Understood importance of building a professional network and resume early
- Realized how alumni journeys reflect practical approaches to success

Alumni Quote:

“Start early, fail fast, and keep learning. Engineering isn’t just about machines — it’s about solving problems.”

27th June 2025
Session: S2

Activity: Mini “Shark Tank” Innovation Pitch Event

Description:
This high-energy session recreated a simplified version of the Shark Tank experience where junior student teams identified real-world problems, developed innovative solutions, and pitched their ideas before a panel of faculty and senior “investor” judges.

Each group was evaluated on feasibility, creativity, presentation, and impact. Ideas presented included smart waste segregation systems, AI-based academic assistance apps, affordable soil moisture controllers for farmers, and more.

Students created full pitch decks, physical prototypes, and demo videos showing remarkable clarity in ideation despite being in their first year.

Key Highlights:

- Innovation themes focused on sustainability, smart automation, and social impact
- Students demonstrated teamwork, problem analysis, and quick-thinking under pressure
- Panels offered constructive feedback and mentorship advice

Learning Outcomes:

- Understood basics of business model thinking, MVPs, and presentation flow
- Learned to transform abstract ideas into real-world applications
- Developed storytelling skills around problem-solution narratives

Judge Comment:
"This level of innovation at entry level is truly commendable. Some of these ideas can even be productized."

2nd July 2025
Session: S2

Activity: Alumni Talk by Ms. Nehal Prajapati
Topic: "Startup Culture and Student Innovation"
(Alumnus, Power Electronics Department)

Description:
Ms. Nehal, a successful startup founder and a VGEC Power Electronics alumna, shared her personal journey from college projects to establishing a startup. Her session emphasized the

mindset of experimentation, risk-taking, and learning from failure — the core of any entrepreneurial journey.

She shared examples of how student projects, if refined and mentored well, could turn into actual marketable products. She encouraged the audience to participate in hackathons, design challenges, and startup bootcamps from the first year itself.

Key Themes:

- Innovation begins with curiosity and confidence
- College is the safest space to try, fail, and learn
- Building a startup doesn't need funding first — it needs clarity and courage

Learning Outcomes:

- Understood early-stage innovation cycles (problem → idea → prototype → validation)
- Learned the connection between technical skills and market needs
- Got exposed to startup platforms, incubation centres, and innovation ecosystems

Alumni Quote:

"College is your sandbox — build something, break it, learn, and build again. That's the startup spirit."

Appendix: Media Coverage & Campus Highlights

SIP 2025 in the Spotlight
Throughout the three-week induction journey, the energy and engagement of SIP 2025 were not limited to classrooms and sessions — it also caught the attention of campus media, college circles, and digital platforms. Various highlights, quotes, photographs, and activities from VGEC's induction sessions were featured through department newsletters, club media teams, and external visitors who appreciated the unique execution of this year's program.

From expert lectures and innovation showcases to emotional reflection sessions and cultural outreach visits, the media teams captured the essence of what made SIP 2025 more than just an orientation — a movement toward confident, value-based engineering.

Coverage Highlights:

- Behind-the-scenes glimpses of central expert lectures, student interviews, and reflective sessions
- Social media reels and stories highlighting daily moments of learning, laughter, and interaction
- Faculty reflections and student testimonials published on club pages and college platforms
- Posters, banners, and digital boards designed by the media team to amplify the energy of each day
- Feature snapshots from the ISKCON visit, sports demonstrations, robotics displays, and alumni sessions

Reflection:
"When stories are captured and shared, they inspire others to believe that something real is happening — and that they too can be part of it."

Conclusion: A Transformational Beginning
The Orientation Day of SIP 2025 was not just an event — it was an experience. It marked the beginning of a 3-week long journey that promised not just academic preparation, but emotional maturity, social awareness, and personal growth.

With a collective message of curiosity, courage, and continuous learning, SIP 2025 opened the gates of engineering life — not just with lectures, but with vision.

“Today’s students are tomorrow’s innovators — and it all begins with a purpose.”

અધિક મુખ્ય સચિવ IAS સુનયના તોમરે કહ્યું,

વિદ્યાર્થી જીવનના પ્રારંભમાં સારી ટેવ કેળવતાં સકારાત્મક વિચારો આવશે

અમદાવાદ : વિદ્યાર્થીકાળ દરમિયાન માનવીય મૂલ્ય, ફિઝિકલ હેલ્થ, ભારતીય જ્ઞાન હોવું જરૂરી છે. તેવા વિષય આવરી લેતું લેક્ચર સેશન યોજાયું. વિશ્વકર્મા એન્જિનિયરિંગ કોલેજમાં પ્રથમ વર્ષના એન્જિનિયરિંગ વિદ્યાર્થીઓ માટે 3 અઠવાડિયાનો ઈન્ડક્શન પ્રોગ્રામ યોજાયો. જેમાં અધિક મુખ્ય સચિવ આઈએએસ સુનયના તોમર અને ટેક્નિકલ કમિશનર આઈએએસ બિપીન તલાટી ઉપસ્થિત રહ્યાં હતા. જેમાં સુનયના તોમરે જણાવ્યું કે, 'વિદ્યાર્થીઓએ અભ્યાસ દરમિયાન સારી ટેવો અપનાવવાની જરૂર છે. કારણ કે, વિદ્યાર્થી જીવનના આરંભથી જ સારી ટેવ અપનાવીને સમયના પાબંદ બનો, વ્યાયામ, વાંચન, સ્વઅનુશાસન અને સકારાત્મક વિચારો કેળવી શકાય છે. શરીરનું

ધ્યાન રાખીને તેમજ જીવન પ્રત્યે સકારાત્મક વલણ વિકસાવવાથી ભવિષ્યમાં સફળતા મેળવવામાં સરળતા રહેશે. ઉપરાંત પ્રાધ્યાપકોએ પણ વિદ્યાર્થીઓને દરેક બાબતો સરળતાથી સમજાવવાની જરૂર છે. સાથે વિદ્યાર્થીઓને તે બાબતોને સમજવાની તક પણ આપવી પડશે. કોલેજકાળમાં સારી સંગત જીવનના માર્ગ પર યોગ્ય દિશાએ લઈ જશે. સ્ટુડન્ટ્સે ખુશ રહેતાં શીખવું પડશે.'

વીજીઈસીમાં જીવન કૌશલ્ય: વ્યક્તિત્વ અને કારકિર્દી વિકાસ પર વકતવ્ય

ચાંદખેડામાં આવેલી વિશ્વકર્મા ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજમાં વિદ્યાર્થીઓ માટે જીવન કૌશલ્ય: વ્યક્તિત્વ અને કારકિર્દી વિકાસ શીર્ષક હેઠળ સત્રનું આયોજન કરવામાં આવ્યું હતું, જેમાં ડૉ. ગૌરાંગ ગાંધી અતિથિ વક્તા તરીકે ઉપસ્થિત રહ્યા હતા. આ કાર્યક્રમ હેતુ એન્જિનિયરિંગના વિદ્યાર્થીઓમાં સ્વ-જાગૃતિ વધારવા, મૂલ્યલક્ષી અભિગમને પ્રોત્સાહન આપવા અને હેતુની ભાવના વિકસે તે હતો.

વીજીઈસીના વિદ્યાર્થીઓ માટે ઈન્ડક્શન પ્રોગ્રામ

વીજીઈસી ચાંદખેડા ખાતે નવા પ્રવેશ મેળવનાર ઈજનેરી વિદ્યાર્થીઓ માટે ત્રણ અઠવાડિયાના ઈન્ડક્શન પ્રોગ્રામ યોજાયો છે. આ કાર્યક્રમમાં અધિક મુખ્ય સચિવ શ્રીમતી સુનૈના તોમર તથા ટેકનિકલ કમિશનર બીપીન તલાટીએ પ્રેરક ઉદબોધન આપ્યું હતું.

VGEC's PE Dept hosts expert talk for students

As part of its ongoing induction programme, the Power Electronics (PE) Department of Vishwakarma Government Engineering College (VGEC) hosted an expert talk on 'Startups and Innovation', where alumna Nehal Prajapati delivered a discussion on the mindset and realities of modern entrepreneurship as well as what it truly means to launch a startup in today's India.

AhmedabadMirror Wed, 09 July 2025
https://epaper.ahmedabadmirror.com/c/77716416

નેશનલ ઈમરજન્સીના 50 વર્ષ પૂરાં થતાં સ્ટુડન્ટ્સને ડોક્યુમેન્ટ્રી દર્શાવી રાજકીય પરિસ્થિતિ અંગે માહિતગાર કરવામાં આવ્યા

અમદાવાદ: વિશ્વકર્મા ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજના પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટના વિદ્યાર્થીઓએ નેશનલ ઈમરજન્સીના 50 વર્ષ પૂરા થવાના સંદર્ભે એક ખાસ કાર્યક્રમ યોજ્યો. 1975માં ભારતમાં લાગુ કરવામાં આવેલ નેશનલ ઈમરજન્સીમાં કેવી તત્કાલિન રાજકીય પરિસ્થિતિઓ સર્જાઈ હતી તે દર્શાવતી ડોક્યુમેન્ટ્રીનું સ્ક્રિનિંગ કેમ્પસમાં કરવામાં આવ્યું હતું.

કોલેજના નવા વિદ્યાર્થીઓ માટે આ કાર્યક્રમ સિનિયર વિદ્યાર્થીઓએ યોજ્યો હતો. સાથે નેશનલ ઈમરજન્સી અંગે ડિસ્કશન પણ કર્યું હતું. આ કાર્યક્રમ અંગે વાત કરતા પ્રોફેસર નિરવ મહેતાએ જણાવ્યું કે, વિદ્યાર્થીઓ જેટલું એન્જિનિયરિંગ શીખશે તેટલાજ હ્યુમન વેલ્યુઝ અને ઈન્ડિયન કોન્સ્ટિટ્યુશનલ કોન્સેપ્ટ્સ પણ સમજશે ત્યારે એક સાચો નાગરિક પણ બનશે. નેશનલ એજ્યુકેશન પોલિસી પ્રમાણે વિદ્યાર્થીઓને ફક્ત કોડિંગ કે લેબ વર્કમાંજ નહીં ડેમોક્રસી, એથિક્સ અને વેલ્યૂઝની પણ માહિતી આપવાની રહેશે. જેથી આ પ્રકારના કાર્યક્રમો યોજાય છે.

એન્જિનિયરિંગ સાથે હ્યુમન વેલ્યૂ અને ઇન્ડિયન કોન્સ્ટિટ્યૂશનને સમજવો જરૂરી છે: સ્પીકર

VGECના પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટ દ્વારા એન્જિનિયરિંગ ઇન્ડક્શન અવેરનેસ પ્રોગ્રામ યોજ્યો

સિટી લાઈફ | વિશ્વકર્મા ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજ (VGEC)ની પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટ દ્વારા એન્જિનિયરિંગ ઈન્ડક્શન દરમિયાન એક ખાસ જાગૃતિ કાર્યક્રમનું આયોજન કરવામાં આવ્યું. ૧૯૭૫માં ભારતમાં લાગુ કરાયેલ National Emergencyના ૫૦ વર્ષ પૂર્ણ થવાના સંદર્ભમાં, આ કાર્યક્રમ "સંવિધાન હત્યા દિવસ સંસ્મરણ કાર્યક્રમ" મુજબ યોજાયો.

આ કાર્યક્રમમાં એક ડોકયુમેન્ટ્રી દર્શાવાઈ, જેમાં બતાવવામાં આવ્યું કે કેવી રીતે તત્કાલીન રાજકીય પરિસ્થિતિઓમાં સિવિલ લિબર્ટીઝ, મીડિયા ફ્રિડમ અને ઘનિષ્ઠ લોકશાહી તત્ત્વો ખોરવાઈ ગયા હતા. વિશિષ્ટ બાબત એ રહી કે આ કાર્યક્રમનું સંચાલન સિનિયર વિદ્યાર્થીઓએ કર્યું, જેમાં માત્ર માહિતી આપવાનું નહીં, પણ ચર્ચા અને વિચારમંથન માટે ખુલ્લી જગ્યા આપી. જેમાં પ્રો. નીરવ મહેતાએ કહ્યું કે,'એન્જિનિયરિંગના વિષયો શીખવા જેટલું જ જરૂરી છે હ્યુમન વેલ્યૂ અને ઈન્ડિયન કોન્સ્ટિટ્યૂશનનો કોન્સેપ્ટ સમજીને એક સાચો એન્જિનિયર અને સાથે જ સાચો નાગરિક બનવું.' જેમાં સેશન આગળ વધતા વિદ્યાર્થીઓએ કહ્યું કે, નેશનલ ઈમરજન્સી વિશે એટલું બધું ઊંડાણપૂર્વક ક્યારેય વિચાર્યું ન હતું અને આ કાર્યક્રમથી ઘણા પ્રશ્નો અને વિચાર ઉત્પન્ન થયા. પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટના હેડ ડૉ. આઈ.એન ત્રિવેદીએ કહ્યું કે, વીજીઈસીમાં અમે માત્ર એન્જિનિયરિંગમાં નહીં પણ મલ્ટિડિસ્પિલીનરી ગ્રોથ માટે વિદ્યાર્થીઓએને ઓપર્ચ્યુનિટીઝ આપી રહ્યા છે. આવા કાર્યક્રમો વિદ્યાર્થીઓને સિવિલી એલર્ટ અને થોટફૂલ લિડર્સ બનાવે છે. આવા કાર્યક્રમો NEP ૨૦૨૦ (ન્યૂ ઓજ્યુકેશન પોલિસી)થી પણ અવગત થાય છે. યૂથ માટે માત્ર કોડિંગ કે લેબ વર્ક પૂરતું નથી-ડેમોક્રેસી, એથિક્સ અને વેલ્યૂ જાણવી એટલી જ જરૂરી છે.ભારતના યુવાનો માટે આવો ઈતિહાસ જાણવો એટલું જ જરૂરી છે જેટલું તેમનું ટેક્નિકલ નોલેજ-કેમ કે આ જ ઈતિહાસ ભવિષ્યના નિર્ણયોને દિશા આપે છે.

ઇન્ડક્શન પ્રોગ્રામમાં ટેક્નિકલ કમિશનર બિપીન તલાટી (આઈ.એ.એસ.)એ કહ્યું કે,

સિટીની દરેક સરકારી ઇજનેરી કોલેજની લાઇબ્રેરી ૨૪ કલાક ખુલ્લી રહેવી જોઇએ

VGEC ખાતે પ્રથમ વર્ષના નવા પ્રવેશ મેળવનાર ઇજનેરીના વિદ્યાર્થીઓ માટે ત્રણ અઠવાડિયાનો ઇન્ડક્શન પ્રોગ્રામ યોજાયો

સિટી લાઈફ | VGEC ખાતે પ્રથમ વર્ષના નવા પ્રવેશ મેળવનાર ઈજનેરીના વિદ્યાર્થીઓ માટે ત્રણ અઠવાડિયાનો ઈન્ડક્શન પ્રોગ્રામ યોજાયો. જેમાં મુખ્ય અતિથિ સુનૈના તોમર (આઈ.એ.એસ.) તથા ટેકનિકલ કમિશનર બિપીન તલાટી (આઈ.એ.એસ.) હાજર રહ્યા હતા. વીજીઈસીના પ્રિન્સિપાલ ડો. વી. એસ. પુરાણીના જણાવ્યા અનુસાર ઈન્ડક્શન પ્રોગ્રામ એ વિદ્યાર્થીઓના ઈજનેરી શિક્ષણના પ્રથમ પગથિયે માર્ગદર્શન, ઓળખાણ અને પ્રેરણાનું એક મહત્વપૂર્ણ તબક્કો છે. આ કાર્યક્રમના ભાગરૂપે, રાજ્યભરની તમામ ૧૬ સરકારી ઈજનેરી કોલેજો પણ VGEC ના મુખ્ય કાર્યક્રમ સાથે લાઈવ જોડાય હતી. જેમાં સુનૈના તોમર (આઈ.એ.એસ.)એ વિદ્યાર્થીઓ અને પ્રાધ્યાપકો બંને માટે જીવનદૃષ્ટિ બદલવાનો સારો સંદેશ આપ્યો. તેમણે સારી ટેવો અપનાવવાની જરૂરિયાત ઉપર ભાર મૂકતા કહ્યું કે સારી ટેવો આપણું જીવન ઘડી શકે છે. આ ટેવો વિદ્યાર્થી જીવનના આરંભથી જ અપનાવવી જોઈએ - જેમ કે સમયના પાબંદ રહેવું, દૈનિક વ્યાયામ, વાંચન, સ્વઅનુશાસન અને સકારાત્મક વિચારો. શરીરનું ધ્યાન રાખવું તથા જીવન પ્રત્યે સકારાત્મક વલણ વિકસાવવું એ સફળતા માટે અનિવાર્ય છે. તેમણે પ્રાધ્યાપકોને પણ યાદ અપાવ્યું કે, વસ્તુઓને સરળતાથી સમજાવવી એ શિક્ષણની મુખ્ય જવાબદારી છે અને વિદ્યાર્થીઓને સમજવાની તકો આપવીએ આજે શિક્ષણની હડધસ્થ તટસ્થતા છે.જ્યારે ટેકનીકલ કમિશનર બિપીન તલાટીએ કહ્યું કે, દરેક સરકારી ઈજનેરી કોલેજની લાઈબ્રેરી ૨૪ કલાક ખુલ્લી રહેવી જોઈએ.

વિદ્યાર્થીઓએ કઇ બાબતોને જીવનમાં ઉતારવી જોઇએ?

- AI ની મદદથી CV તૈયાર કરવાનું મહત્વ: પ્લેસમેન્ટ અને ટ્રેનિંગ માટે આજની માંગને અનુરૂપ CV બનાવવામાં AI નો ઉપયોગ કરો
- લાઇબ્રેરીના મહત્વ પર ભાર: દરેક સરકારી ઇજનેરી કોલેજની લાઇબ્રેરી ૨૪ કલાક ખુલ્લી રહેવી જોઇએ, જેથી વિદ્યાર્થીઓએ કોઇપણ સમયે અભ્યાસ કરી શકે. પુસ્તકો વાંચવાનો અને આત્મ-અધ્યયનનો મહત્ત્વ આપ્યો.
- શ્રેષ્ઠતા માટે પ્રેરણા: દરેક વિદ્યાર્થી પોતાનું શ્રેષ્ઠ આપીને પોતાની કારકિર્દીમાં આગળ વધી શકે છે.
- 3 AM Generation ના બનવાનો સંદેશ: વિદ્યાર્થીએ સવારે વહેલું ઊઠવું અને રાત્રે વહેલું સૂવું - આ ટેવો સફળ જીવન માટે અત્યંત આવશ્યક છે.
- માનસિક અને શારીરિક સ્વાસ્થ્યનું મહત્વ:માત્ર ભણતર જ નહીં પણ સુદર સ્વાસ્થ્ય પણ સફળતાનો એક મુખ્ય પાયો છે.
- ટીમ વર્ક અને એના ફાયદા:સહકારથી કામ કરવું, એકબીજાને સમજીને કાર્ય કરવું - એનો વ્યાવસાયિક જીવનમાં કેટલો ફાયદો છે
- ખરાબ સંગત અને વ્યસનથી દૂર રહેવા માટે સૂચન, પોતાને વ્યસ્ત રાખી નવી નવી શિખવાની ટેવો બનાવવી - એ જ સાચી દિશા.
- ૩૬૦ ડિગ્રી વિકાસ માટે પ્રેરણા:વિજ્ઞાન, ટેક્નોલોજી, ભાષા, નૈતિકતા, સ્વાસ્થ્ય, સાહિત્ય વગેરે ક્ષેત્રમાં સર્વાંગી વિકાસ તરફ આગળ વધવા માટે વિદ્યાર્થીઓને પ્રેરિત કર્યા.
- 'સારી સંગત' જીવનના માર્ગ પર તમને યોગ્ય દિશામાં લઈ જાય છે
- 'ખુશ રહો, માન આપો, અને સકારાત્મક રહો', એ જીવનની યાત્રાને સરળ બનાવે છે
- 'પોતાના સ્વપ્ન સાકાર કરવા માટે પ્રયત્ન કરો, અને નિષ્ઠા અને મહેનતથી કામ કરો'
- અઘરામાં આઘરી પરીક્ષા પાસ કરવા માટે આત્મવિશ્વાસ અને સંયમ રાખવા જરૂરી છે

ગુજરાત સમાચાર Gujarat 04-07-2025

વીજીઈસીમાં સ્ટાર્ટઅપ એન્ડ ઈનોવેશન પર ટૉકનું આયોજન

વિશ્વકર્મા ગર્વમેન્ટ એન્જિનિયરિંગ કોલેજ (વીજીઈસી)માં પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટ દ્વારા 'સ્ટાર્ટ અપ એન્ડ ઈનોવેશન' થીમ હેઠળ એક્સપર્ટ ટૉકનું આયોજન કરવામાં આવ્યું હતું. આ સેશન કોલેજનાં અલ્યુમ્નાઈએ લીધો હતો, જેમાં વિદ્યાર્થીઓને મૉડર્ન એન્ટરપ્રિન્યોર અને ઈન્ડિયામાં સ્ટાર્ટ અપની સ્થિતિ વિશે માહિતી આપવામાં આવી હતી.

VGEમાં ઈન્ડક્શન પ્રોગ્રામ યોજાયો

સ્ટાર્ટઅપ-ઈનોવેશન, મોડર્ન આંત્રપ્રિન્યોરશિપ પર ચર્ચા કરાઈ

અમદાવાદ : એન્જિનિયરિંગ વિદ્યાર્થીઓ માટે યોજાયેલ ઈન્ડક્શન પ્રોગ્રામમાં વિશ્વકર્મા ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજમાં સ્ટાર્ટઅપ એન્ડ ઈનોવેશન વિષય પર લેક્ચર સેશન યોજાયો. જેમાં પાવર ઈલેક્ટ્રોનિક્સ ડિપાર્ટમેન્ટના એલુમની નેહલ પ્રજાપતિએ વિદ્યાર્થીઓ સાથે ચર્ચા કરી. નેહલ પ્રજાપતિ હાલ કર્ણાવતી યુનિવર્સિટીના ઈન્ક્યુબેશન સેન્ટરના મેનેજર છે. તેમણે મોડર્ન આંત્રપ્રિન્યોરશિપ અંગે ચર્ચા જણાવ્યું કે, 'આળસુ વ્યક્તિ પણ સારો ઈનોવેટર બની શકે છે. તેઓ જટીલ બાબતો માટે સ્માર્ટ, ઝડપી રસ્તા શોધી કાઢે છે. મૂડ આધારિત પ્રોડક્ટિવિટી અદભૂત પરિણામો આપી શકે છે. ગુજરાત ઝડપથી ટેક્નોલોજી સ્ટાર્ટઅપ્સનું કેન્દ્ર બને છે, જેથી યુવાનોએ વિચારોને બહોળા કરવા પડશે.'

ઈન્ડક્શન પ્રોગ્રામ અંતર્ગત એન્જિનિયરિંગના વિદ્યાર્થીઓ માટે શૈક્ષણિક મુલાકાત યોજાઈ

અમદાવાદઃ વિશ્વકર્મા ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજના પાવર ઈલેક્ટ્રોનિક્સના વિદ્યાર્થીઓના ઈન્ડક્શન પ્રોગ્રામ અંતર્ગત શૈક્ષણિક અને આધ્યાત્મિક મુલાકાતનું આયોજન કરાયું. જેમાં વિદ્યાર્થીઓને હરિ કૃષ્ણ ગૌશાળા અને ઓર્ગેનિક ફાર્મની મુલાકાત કરાવવામાં આવી હતી. વિદ્યાર્થીઓને આ મુલાકાતમાં 70 એકરમાં ફેલાયલે શુદ્ધ અને ઓર્ગેનિક ચારો કેવી રીતે ઉગાવવામાં આવે છે તે અંગે માહિતી મેળવી હતી. સાથે ગાયના છાણને કુદરતી એર પ્યુરિફાયર તરીકે કેવી રીતે કામ કરે અને ઘરના તાપમાનને પણ 5 ડિગ્રીથી ઘટાડી શકે છે તે અંગે પણ જાણકારી મેળવી હતી.

ઉપરાંત ગાયના છાણનો ઉપયોગ જૈવિક ખેતી, ઘર નિર્માણ અને ધૂપબત્તી બનાવવા માટે પણ થાય છે તે અંગે પણ વિદ્યાર્થીઓને માહિતી આપવામાં આવી હતી.