Dr. ACS COLLEGE OF ENGINEERING

An Autonomous Institution under VTU, Belagavi

Approved by AICTE, New Delhi & Govt. of Karnataka

The Management, Staff & Students Cordially Invite you all for the Inauguration of

INDUCTION PROGRAMME FOR THE 1ST YEAR BE/BCA/BBA STUDENTS

Academic Year 2026-27

Welcome future Innovators:
Your journey to Engineer
a better world starts today

Chief Patron

Dr. A.C.Shanmugam

B.A., L.L.B, FIMSA, FRCPS (Glasgow, UK)

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Bengaluru

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Sri. A.C.S. Arun Kumar

B.Tech (Hons.), MIEEE, MCSI, MISTE
MIET (UK), CEng (India)

President

RajaRajeswari Group of Institutions

Bengaluru

Date: 3rd - 14th Aug, 2026 **Time:** 9:00am **Venue:** ACSCE Auditorium

Dr.S.Vijayanand., M.Tech, Ph.D
Executive Director, RRGI

Sri.C.N.Seetharam., Retd. IAS
Chief Executive Officer, RRGI

Dr.S.Jeyabalan., Ph.D
Special Officer, RRGI

Dr. A.K.Mariappan	Dr.S.Meenakshi Sundaram	Dr.B.S.Shylaja	Dr.S.Usha	Dr.Siddaraju	Dr.Pradeep Kumar K T	Dr. M S Shivakumar	Dr. Anandhi D V	Dr. Suresha M
Rector, RRGI	Registrar, RRGI	Principal	Vice Principal	Dean-Academics	HOD, Dept. of Maths	HOD, Dept. of Chemistry	HOD, Dept. of Physics	First Year Coordinator

Dr. ACS COLLEGE OF ENGINEERING

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Under VTU Belagavi, Approved by AICTE, UGC & GOK
No. 207, Kambipura, Mysore road, Bengaluru 560074

STUDENT INDUCTION PROGRAM
REPORT
ACADEMIC YEAR 2026-27

Programme conducted for newly admitted first-year students

3rd Aug 2026 – 14th Aug 2026

LAB SESSION REPORTS				
		Name of the Lab	**Department**	
20	**04/08/2026 To 14/08/2026**	**AICTE IDEA Lab**	**CSE**	**52–53**
21		**AI-LLM Lab**	**AI/ML**	**54–55**
22		**Java & Data Visualization Lab**	**IOT**	**56–58**
23		**Microprocessor Lab**	**CSE**	**59–60**
24		**Skill Lab – MIG-27 Aircraft**	**AE**	**61–63**
25		**Software Testing & Project Management Lab**	**CY**	**64–65**

DEPARTMENT OF BASIC SCIENCE
STUDENT INDUCTION PROGRAM
2026-2027 (ODD SEM)
Schedule of the Events

Date	SESSION –I 9:30 AM to 11:30 AM	SESSION –II 11:45AM to 1:00PM	SESSION-III 1:45PM to 3:45PM
03/08/2026	Welcome and Reception Welcome address – Dr. Pradeep Kumar K T Invocation Song - Student Lighting of the Lamp - Dignitaries Registrar's Address - Dr. S Meenakshi Sundaram **"Inaugural Talk"** by Dr. Shylaja B S Principal, Dr. ACSCE Vote of Thanks – Mrs. Iramma V H		**"Campus visit"** with their respective department coordinators
04/08/2026	**"Skills, Attitude & Behavior of Engineers"** Mr. Lokesh B S Mentor & Start-Up Consultant Agasthya Academy	**" The Engineer and Society: Challenges and Opportunities"** Dr. S Meenakshi Sundaram, Registrar(Academics) RRGI	Batch 1 - Skill Lab(AE) Batch 2 – AICTE IDEA Lab(R&D) Batch 3 – EV Lab(IOT) Batch 4 – Microprocessor Lab(CSE) Batch 5 – LLM (AIML) Batch 6 – EH/LATEX(CY) Batch 7 – Yoga/Sports
05/08/2026	**"Pencil Parable"** Dr. Krishna Rangaswamy Professor-Counsellor-Mentor CEO-Ramanuja Management Services	**"Innovative Learning Practices"** Dr. T Senthil Kumaran Dean R&D Dr. ACSCE	Batch 1 - AICTEIDEA Lab(R&D) Batch 2 - EV Lab(IOT) Batch 3 - Microprocessor Lab(CSE) Batch 4 - LLM (AIML) Batch 5 - EH/LATEX(CY) Batch 6 - Yoga/Sports Batch 7 - Skill Lab(AE)
06/08/2026	**"4 Years Blueprint for Success"** Mr. Sathishraj CEO , E-CrusadersEntrepreneur		
07/08/2026	**"Universal Human Values"** Mr. Prabhudeva V Consultant & Enterprise Cloud Architect	**"Engineering Journey:from Fresher to Professional"** Dr. Bheemeswara Reddy V Dean - Training & Placements RRGI	Batch 1 - EV Lab(IOT) Batch 2 - Microprocessor Lab(CSE) Batch 3 - LLM (AIML) Batch 4 - EH/LATEX(CY) Batch 5 - Yoga/Sports Batch 6 - Skill Lab(AE) Batch 7 - AICTE IDEA Lab(R&D)
10/08/2026	**"Wisdom has no Syllabus"**	**"Inspired by Nature for Climate, Future"**	Batch 1 - LLM (AIML) Batch 2 - EH/LATEX(CY)

	Communication	Officer	Batch 6 - EV Lab(IOT) Batch 7 - Microprocessor Lab(CSE)
11/08/2026	**"Program your Mind for success"** Medha Kedar Tonapi Founder of Health in Mind	**"Time Management"** Mrs. Lavanya P G Entrepreneur & Trainer Junior Chamber International	Batch 1 - EH/LATEX(CY) Batch 2 - Yoga/Sports Batch 3 - Skill Lab(AE) Batch 4 - AICTE IDEA Lab(R&D) Batch 5 - EV Lab(IOT) Batch 6 - Microprocessor Lab(CSE) Batch 7 - LLM (AIML)
12/08/2026	**"Motivational Speak"** Mr. Chinnu Nalla Thambi Founder, Neuro Wellness Coach Leadership Trainer, Conscious Educator		
13/08/2026	**"Coding, Cybersecurity, Digital Skills, Digital Creativity & Design Thinking"** Kaaranji Shreedhar Co-founder, Creative and Growth Strategist	**"Student life challenges & Problems"** Mr. Pavan M Srivathsa Consulting Psychologist of Chakshu Foundation	Batch 1 - Yoga/Sports Batch 2 - Skill Lab(AE) Batch 3 - AICTE IDEA Lab(R&D) Batch 4 - EV Lab(IOT) Batch 5 - Microprocessor Lab(CSE) Batch 6 - LLM (AIML) Batch 7 - EH/LATEX(CY)
14/08/2026	"Local place visit –Doddaladamara, Muktinaga and Srinivasa Temple"		

Dr. Pradeep Kumar K T
HOD, Dept. of Mathematics
(Program Coordinator)

Dr. M S Shivakumar
HOD, Dept. of Chemistry

Dr. Suresha M
Dean - First Year

Program Agenda of Inaugural Day

Sl. No.	Programme Description	
1	Welcome and Reception of the Dignitaries	
2	Welcome Address	Dr. Pradeep Kumar K. T. HOD, Dept. of Mathematics and Programme Co-ordinator
3	Invocation Song	Ms. Pavani, Student
4	Lighting of the Lamp	By the Hon'ble Dignitaries
5	Inaugural address by the Principal	Dr. Shylaja B. S.
6	Special address by the Registrar	Dr. S. Meenakshi Sundaram
7	Vote of Thanks	Mrs. Iramma V H Dept. of Science and Humanities

Session	**Orientation on the Institution and Academic Excellence**
Date & Time	3rd August 2026, 9:00 AM
Name of the Resource Person	Dr. B. S. Shylaja, Principal, Dr. ACS College of Engineering, Bengaluru
About the Session	Dr. B. S. Shylaja - Principal, Dr. S. Meenaksi Sundaram - Registrar, Dr. Usha – Vice principal, Dr. Suresh M - first year co-ordinator, Dr. Pradeep Kumar K. T - HoD, Mathematics Dr. Shivakumar M S - HoD, Chemistry and Dr. Anandhi D. V - HoD, Physics were present in the stage. Invocation song sung by Ms. Pavani, second year Biomedical Engineering Department. Welcome address by Dr. Pradeep Kumar K. T, HoD, Mathematics. Lighting the lamp along with the students. Dr. B. S. Shylaja, Principal, Dr. ACSCE address the session about About college, establishment, enrolment of students, transformation of ACSCE to Dr. ACSCE, Affiated to autonomous status in the academic year 2026-27. And also motivated and encouraged the students and wished them. 216 students and few parents were attended the session and faculty members from all deparments. Vote of thanks given by Mrs. Iramma, HoD, Department of English. The inaugural orientation session for the first-year B.E., BBA, and BCA students was conducted on 3rd August 2026 at 9:00 AM. The programme commenced with the dignitaries taking their seats on the dais. The distinguished guests included Dr. B. S. Shylaja, Principal; Dr. S. Meenakshi Sundaram, Registrar; Dr. Usha, Vice Principal; Dr. Suresh M., First-Year Coordinator; Dr. Pradeep Kumar K. T - HoD, Mathematics, Dr. Shivakumar M S - HoD, Chemistry and Dr. Anandhi D. V - HoD, Physics

	The programme began with a melodious invocation song rendered by Ms. Pavani from the Second-Year Biomedical Engineering Department. Dr. Pradeep Kumar K. T., HoD, Department of Mathematics, delivered the welcome address and warmly welcomed the dignitaries, students, parents, and faculty members. This was followed by the ceremonial lighting of the lamp by the dignitaries along with the students, symbolizing the beginning of a new academic journey. Dr. B. S. Shylaja, Principal, addressed the gathering and provided an overview of the college, its establishment, academic growth, and student enrolment over the years. She highlighted the transformation of ACS College of Engineering into Dr. ACS College of Engineering and elaborated on the institution's achievement of autonomous status from the academic year 2026–27. She emphasized the opportunities and academic advantages that autonomy would bring to students through curriculum flexibility, innovation, and enhanced learning experiences. The Principal also motivated the newly admitted students to remain dedicated to their academic pursuits, actively participate in co-curricular activities, uphold discipline and ethical values, and make the best use of the facilities available on campus. She extended her best wishes to all the students for a successful and fulfilling academic journey. The session was attended by 216 students, along with a few parents and faculty members from all departments. The programme concluded with a vote of thanks delivered by Mrs. Iramma, HoD, Department of English, who expressed gratitude to the dignitaries, students, parents, and everyone who contributed to the successful conduct of the session. In the afternoon session, the students visited the various academic departments and interacted with the respective Heads of the Departments and faculty members. They were introduced to the departmental infrastructure, laboratories, classrooms, and other academic facilities. The faculty members briefed the students on the curriculum, laboratory facilities, research activities, and departmental achievements. The visit provided the students with an opportunity to familiarize themselves with the campus environment, explore the available resources, and clarify their queries, thereby helping them feel more confident and comfortable as they began their academic journey at the institution.
Number of Students Present	216

Pictures of the Session	       
Name of the Staff In charge	Dr. Harish Madival, Assistant Professor, Department of Physics Mrs. Deepa, Assistant Professor, Department of Mathematics Mrs. Iramma V. H., Assistant Professor, Department of English

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Cordially Invites all for the

Induction Program
First-Year UG Induction Program 2026-27

Topic - "Skills, Attitude & Behavior of Engineers"

04/08/2026
AT 09:30 AM TO 11:30 A.M

Dr. ACSCE Auditorium
6th Floor, Dr. ACSCE Campus

Resource Person

Mr. Lokesh B S
Mentor – IIC, RRGI
Founder and Start up Consultant,
Agasthiya Academy, Bangalore

Dr. A. K. Mariappan, Rector, RRGI
Dr. S. Meenakshi Sundaram, Registrar, RRGI
Dr. B. S. Shylaja, Principal, Dr. ACSCE

CONVENERS:

Dr. Suresha M
Professor & 1st Year Coordinator

Dr. Siddaraju
Professor & Dean-Academics

PROGRAM COORDINATORS :

Dr. Anandhi D.V
Associate Professor & Head - Dept. of Physics

Dr. Shivakumar M S
Associate Professor & Head- Dept. of Chemistry

Dr. Pradeep Kumar.K.T
Associate Professor & Head - Dept. of Maths

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9900500028

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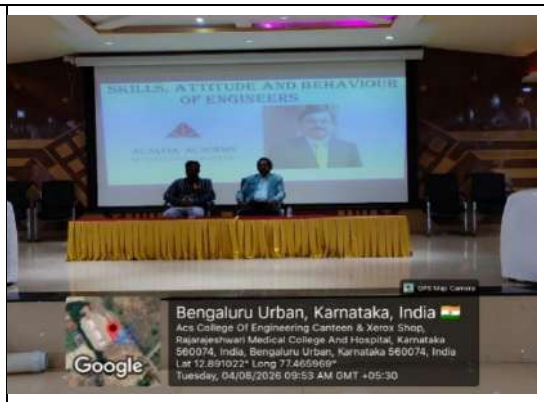
CONTACT US

Session-1	**Skills, Attitude & Behavior of Engineers**
Date & Time	4th August 2026, 9:30 AM to 11:30 AM
Name of the Resource Person	Mr. Lokesh B S, Mentor -IIC,RRGI & Founder and startup consultant, Agasthiya Academy, Bengaluru
About the Session	This induction presentation from Agastya Academy focuses on introducing new engineers to the mindset and foundation of the engineering profession. It covers the purpose of engineering, how it connects with science and technology, and the essential skills, attitude, and behavior required. The Presentation also highlights innovation, career opportunities, and the difference between engineers and scientists. It wraps up with contact details for B S Lokesh from Agastya Academy. <u>Key Points</u> Purpose of Engineering: Apply science to solve real problems. From basic tools like wheel and lever to AI and biomedical tech in 2025. Science vs Engineering vs Technology: Science = discover principles Engineering = apply principles to design solutions Technology = usable products for society Engineer vs Scientist: Scientists seek to understand. Engineers create and improve things. Core Engineering Skills: Math, logic, analysis, creative problem-solving, technical skills, teamwork, project management, communication Innovation: Invention + Adoption + Diffusion. Turning ideas into customer value. Mindset: Skills, attitude, and behavior matter as much as technical knowledge
Number of Students Present	196
Pictures of the Session	 

	 
Name of the Staff In charge	Mr. Sandarshan M R, Assistant Professor, Department of Physics. Mrs. Kavitha, Assistant Professor, Department of Chemistry. Mr. Denis, Assistant Professor, Department of Mathematics.

Resource Person Profile

Sri Lokesh B S holds a BE in Chemistry from Bangalore University and a postgraduate diploma in Foreign Trade Management.

Sri Lokesh B S has 10 years of experience in soft skills training, sales and marketing, innovation and entrepreneurship development programs, and 20 years in marketing and manufacturing of basic chemicals. They have run a small-scale industry and worked on bioenergy and green energy generation from agro and bio wastes.

As a trainer and area manager at World Book International, He taught sales and marketing techniques for educational products. He trained over 200 consultants and built a team of 100 members, reaching sales targets efficiently. He also trained financial advisors and marketing executives in life insurance, finance, and healthcare products. I delivered IMPACT lectures to IIC Institutions on topics like innovation and entrepreneurship.

Sri Lokesh B S successfully supervised sales personnel, implemented marketing strategies to increase market share and retain customers, developed marketing strategies, developed sales reports, and developed training programs for marketing managers and executives. They also analyzed the company's product or service, found new ways to secure customers, and improved client retention rates.

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First-Year UG Induction Program 2026-27

Topic - The Engineer on the Society and Opportunities

RESOURCE PERSON

Dr. S. Meenakshi Sundaram

Registrar, RRGI

Bengaluru.

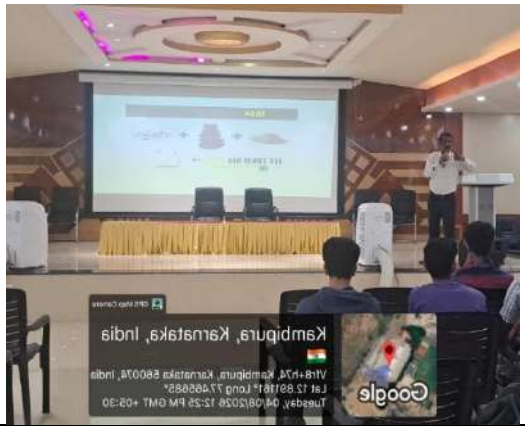
Date: 4th Aug 2026

Time: 11:45 A.M. - 01.00 P.M.

Venue: Dr. ACSCE Auditorium

Dr. B. S. Shylaja, Principal

www.acsce.edu.in | 99448 03549 | admission@acsce.edu.in

Session-2	**TheEngineer and Society: Challenges and Opportunities**
Date & Time	4th August 2026, 11:45 AM to 1:00 PM
Name of the Resource Person	Dr. S Meenakshi Sundaram Registrar(Academics), RRGI
About the Session	The Sustainable Development Goals are a set of 17 universal goals adopted by the United Nations in 2015 to achieve a more equitable, resilient, and sustainable world by 2030. They address interconnected challenges across People, Planet, Prosperity, Peace, and Partnership, ranging from eradicating poverty and hunger to ensuring quality education, clean energy, climate action, and strong institutions. The SDGs are not just global targets, but a practical framework for institutions like RRGI. By integrating these goals into our academics, research, and community outreach, we can contribute meaningfully to nation building while preparing our students to be responsible global citizens. Our focus must be on localization — translating SDG 4, 7, 11, and 13 into campus action, and SDG 1, 2, 3, and 6 into community engagement." **<u>Key Points</u>** **1. Holistic Approach**: All 17 goals are interlinked. Progress in one area supports others. **2. Institutional Role**: Education and innovation are central to achieving SDG 4 and SDG 9. **3. Sustainability Focus:** Priority areas for RRGI include energy, waste management, water conservation, and green campus initiatives. **4. Partnerships:** Collaboration under SDG 17 with government, industry, and NGOs is essential for impact. **5. Timeline**: With 2030 approaching, accelerated and measurable action at local level is critical.
Number of Students Present	214
Pictures of the Session	   
Name of the Staff In charge	Mr. Sandarshan M R, Assistant Professor, Department of Physics. Mrs. Kavitha, Assistant Professor, Department of Chemistry. Mr. Denis, Assistant Professor, Department of Mathematics.

Resource Person Profile

Dr. S. Meenakshi Sundaram serves as the Registrar (Academics) for the RajaRajeswari Group of Institutions (RRGI) in Bengaluru, Karnataka. RRGI operates multiple educational campuses along Mysore Road, including Rajarajeswari College of Engineering and ACS College of Engineering in Kambipura.

Dr. S. Meenakshi Sundaram is an experienced academic leader and professor. He manages academic operations for multiple institutions under the RajaRajeswari Group of Institutions (RRGI) banner in Bengaluru.

Registrar (Academics) at RRGI and Program Chair.
Academic Department: Professor in the Department of Computer Science and Engineering at ACS College of Engineering.

Core Responsibilities: Supervises university regulations, coordinates institutional symposiums like ACSCON, and drives innovation initiatives through the Institution's Innovation Council (IIC).
Key Education Background: He completed his advanced degrees under recognized portals including Anna University Chennai.

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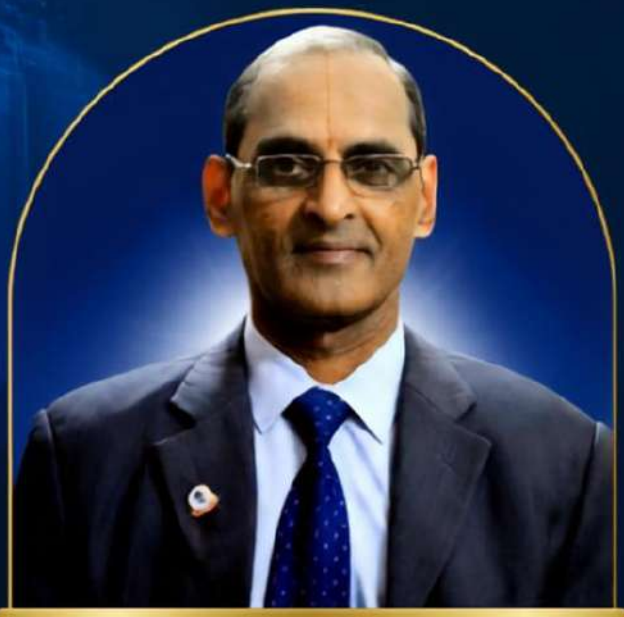
INDUCTION PROGRAM

First-Year UG Induction Program 2026-27



DR. KRISHNA RANGASWAMY

PROFESSOR – COUNSELLOR – MENTOR

CEO – RAMANUJA MANAGEMENT SERVICES

Cordially Invites all

Key Note Speaker:

Dr. Krishna Rangaswamy

Professor-Councillor-Mentor | CEO-Ramanuja Management Services

Topic – 'Pencil parable'

Date – 5/08/2026

9.30 A.M. to 11.30 A.M.

Venue:
Dr. ACSCE Auditorium,
ACSCE Campus

PATRONS

Dr. A. K. Mariappan
Rector, RRGI

Dr. S. Meenakshi Sundaram
Registrar, RRGI

Dr. B. S. Shylaja
Principal, Dr. ACCE

Dr. Siddaraju
Dean - Academics

Dr. Suresha M.
First Year Coordinator

CONVENOR

Dr. Pradeep Kumar K. T
Dept. of Maths

CO-CONVENORS

Dr. Shivakumar M. S.
Head,Dept of Chemistry

Dr. Anandhi D. V.
Head,Dept of Physics

PROGRAM COORDINATORS

Mrs. Deepa & Mr. Surya C
Assistant Professors, Dept. of Mathematics

Contact Us –
9008545678 & 9900500028

Web: www.acsce.edu.in

Session-1	**Pencil Parable**
Date & Time	5th August 2026, 9:30 AM to 11:30 AM
Name of the Resource Person	Dr. Krishna Rangaswamy Professor-Councellor-Mentor CEO-Ramanuja Management Services
About the Session	**The session began with the parable of a pencil, highlighting important life lessons:** • A pencil becomes shorter every time it is sharpened, just as individuals must be willing to let go of comfort and continuously improve themselves to grow. • The **eraser** symbolizes the importance of correcting mistakes, learning from them, and having the courage to begin again after every failure. **The discussion then moved to problem solving, covering:** • Understanding different types of problems. • Various approaches to handling and solving problems effectively. • Developing a positive mindset while facing challenges. **The speaker emphasized the importance of mistakes and learning:** • Mistakes are opportunities for learning and personal growth. • The distinction between **mistakes and crimes**, along with their consequences. • The importance of acknowledging one's mistakes, illustrated through examples including a quote by **Bruce Lee** and an **IPL betting** incident. **Students were encouraged to:** • Learn from every mistake. • Accept failures with honesty. • Reflect on experiences to make better decisions in the future. • The session highlighted the significance of the **parent–child relationship**, encouraging students to value their parents' guidance and reflect on their role in personal development. • The speaker explained how **problems can be transformed into opportunities** through the right attitude, perseverance, and continuous learning. • A strong emphasis was placed on **integrity, honesty, and human values**, supported by practical real-life examples that demonstrated the importance of ethical behaviour in both personal and professional life. • The importance of **good behaviour and character** was discussed as a foundation for earning respect and building meaningful relationships. • Inspiring examples from the journeys of founders of companies such as **Apple** and **Samsung** were shared to demonstrate how determination, hard work, and resilience can lead to extraordinary success despite humble beginnings. The session concluded with an inspiring message: • Strive to **leave meaningful footprints in life** through positive actions and contributions. • Be a **source of light and inspiration** to others throughout life's journey by living with purpose, integrity, and compassion.

Number of Students Present	196
Pictures of the Session	     
Name of the Staff In charge	Ms. Ashwini R, Assistant Professor, Department of Mathematics Mrs. Kavitha, Assistant Professor, Department of Chemistry Mr. Denis M, Assistant Professor, Department of Mathematics

Resource Person Profile

Dr. K R I S H N A R A N G A S W A M Y,

M.Sc.(Chem.),M.B.A.(HRM & Mktg.), **M.Com., M.Ed.,M.Phil.(**Mngt.), **Ph.D.,**(Mngt.),

M.A.(Eco.), **M.A.**(Sociology), **M.A.**(History)**, M.A.**(Pol. Sc.),**M.A.**(Psych.)**, Ph.D.**(Psych.)**,**

Professor - Counsellor - Mentor - Guide

CEO - Ramanuja Management Services, Bangalore

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Ph: 98440 24758 / 80732 84051.

e-mail:rmservices2000@gmail.com

LinkedIn URL: linkedin.com/in/dr-krishna-r- a1247629?originalSubdomain=in

www.thinkvidya.com/bangalore/**dr-r-krishna**-rangaswamy/1121060

- A highly seasoned & self motivated training/teaching & administrative professional with more than **47 years** of hands-on **Industry & Training / Teaching experience,** possessing excellent **Administrative /Managerial skills**
- Has conducted more than **6500+** training programmes in **Behavioural Sciences,** Marketing & General Management in about 75+ organizations in Bangalore & elsewhere, as **Learning & Development Consultant / Management Interventionist**.
- Is a multi-linguist and since the last **43** years, has trained a large number of students, teachers & administrators in academia and organizational Human Resources, from sub staff to highest levels of senior Managers in Corporates, in five languages, on various issues.
- Currently: i) a **Gig Professional -** fostering Ramanuja Management Services as its **CEO**, in **Counselling, Mentoring, Coaching & Guiding** since June 2019, committed to **nurturing excellence in Human Resources** through training programmes in multitudes of organizations, in academic & Corporate verticals.

  ii) **Consultant Co-Panelist with Woxsen University,** Hyderabad, facilitating their student admission process in their Schools of Business, Engineering & Technology, Biotechnology, Law and Social Sciences, from May 2023 to May 2026.
- Was also a **Professor in Management & Director – Strategic Initiatives,** at AIMS-IBS B School, Bangalore, from June 2019 to Feb 2022.
- Was **Professor in Management & Group Director** at **Don Bosco Group of Institutions,** Bangalore, providing academic leadership to the group, since May 2017 to May 2019.
- Was **Associate Dean** at **Alliance School of Business, Alliance University,** Bangalore, from November 2016 to March 2017.
- Was associated with SDC Institute of Management Studies, Kolar & Cambridge Institute of Technology, Bangalore, since **August 2009 till December 2013, as Director – PG Studies.**
- Was a **Visiting Professor & Research Guide** in Management Education Institutes. Has **guided** more than **11** candidates for their **Ph.D.** degree**,** another **150** MBA students for their academic Project work and also published Research articles in National & International Journals.

▪ Was a **Resource Person at TEQUIPs (T**echnical **E**ducation **QU**ality **I**mprovement **P**rogrammes) **at GB Pant College of Engineering - Pauri, Uttarkhand, PESIT - Bangalore, UVCE - Bangalore & Dr. AIT – Bangalore during 2014 – 2017.**

▪ **Indicative list of organisations where training programmes were conducted:**

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INDUCTION PROGRAM

First-Year UG Induction Program 2026-27

Cordially Invites all

Key Note Speaker:
Dr. T Senthil Kumaran
Dean R&D | Dr. ACSCCE

Topic -
'Innovative Learning Practices'

Date -
5/08/2026

Time -
11.00 A.M. to 12.30 P.M.

Venue:
Dr. ACSCE Auditorium,
ACSCCE Campus

Dr. B. S. Shylaja,
Principal, Dr. ACSCE

Contact Us -
9008545678 & 9900500028

Web:
www.acsce.edu.in

Session-2	**Innovative Learning Practices**
Date & Time	5th August 2026, 11:00 AM to 12:30PM
Name of the Resource Person	Dr. T Senthil Kumaran Dean R&D RRGI
About the Session	The session on **Career Guidance in Engineering** introduced students to various career opportunities and professional pathways available in engineering. Students were guided on identifying their interests, setting career goals, and planning their academic journey accordingly. The importance of understanding the engineering curriculum, including subjects, laboratories, projects, internships, and other academic activities, was emphasized, along with maintaining a balance between academic performance and practical skill development. Students were given an overview of the **placement process and current industry requirements**, with emphasis on continuous learning, technical skills, aptitude, communication, problem-solving, teamwork, adaptability, and interview preparation. Common challenges such as academic pressure, difficult subjects, time management, and lack of confidence were discussed, along with strategies including consistent practice, peer learning, faculty guidance, mentoring, and maintaining a positive mindset. Students were also introduced to **ATS-friendly resume preparation** and encouraged to highlight their projects, internships, certifications, achievements, and practical experience. The session highlighted the importance of **certifications, projects, hackathons, technical competitions, workshops, and internships** in enhancing industry readiness and career opportunities. Students were encouraged to actively seek faculty guidance for academic and career development and continuously upgrade their skills in line with changing job-market expectations. The session concluded with motivation to approach engineering education with **curiosity, discipline, consistency, and a willingness to learn**, while making effective use of available resources to achieve their academic and career goals
Number of Students Present	189
Pictures of the Session	 
Name of the Staff In charge	**Ms. Ashwini R**, Assistant Professor, Department of Mathematics **Mrs. Kavitha H C**, Assistant Professor, Department of Chemistry **Mr. Denis M,** Assistant Professor, Department of Mathematics

Resource Person Profile

Dr. T. Senthil Kumaran is a Professor and seasoned researcher with over **23 years of teaching experience** and **20 years of research experience** in Computer Science and Engineering. He is deeply committed to academic excellence, innovative research, and fostering professional growth among students and faculty alike.

Academic Background

- **Ph.D.** in Computer Science and Engineering, Anna University (2014)
- **M.E.** (with Distinction), Bharathiar University (2001)
- **B.E.**, Bharathiar University (1998) — *Recipient of the Best Project Award*

Research & Innovation Profile

Dr. Senthil Kumaran maintains an active and impactful research portfolio, focusing on advancing technological solutions and mentoring the next generation of engineers:

- **Publications & Impact:** Authored over **50 research papers** in esteemed Scopus- and Web of Science-indexed journals and conferences, boasting an **H-index of 13** and more than **825 citations**.
- **Doctoral Supervision:** Successfully guided **9 Ph.D. scholars** to completion, with 4 current candidates under his active mentorship.
- **Patents & Funding:** Holds **10 patents** (published/granted) and has secured over **₹1 crore** in competitive research funding from AICTE-supported initiatives.

Academic Initiatives & Leadership

A strong advocate for continuous learning and digital education platforms, Dr. Senthil Kumaran has completed **18 NPTEL courses** and earned elite recognitions, including the *Discipline Star*, *Believer Star*, *Enthusiastic Star*, and the *NPTEL Aspirant Award*. He has served effectively as an **NPTEL SPOC** and an active SPOC for the **IIT Bombay Spoken Tutorial training programme**, earning an official Appreciation Award for his leadership.

Awards & Professional Affiliations

- **Awards:** Recognized as the *Best Outstanding Faculty in Computer Science and Engineering* by Venus International, alongside multiple national-level education and training awards.
- **Memberships:** Life Member of the **Indian Society for Technical Education (ISTE)** and **IAENG**; Senior Member of **IACSIT**; Member of **ICST** and **IAES**.

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INDUCTION PROGRAM

First-Year UG Induction Program 2026-27

Resource Person

R. Sathishraj

CEO, E-Crusaders | Entrepreneur | Trainer | Speaker | YouTuber

Topic –
"4 Years Blueprint for Success"

Date – 6/08/2026

Time – 9.30 A.M. to 3.30 P.M.

Venue – Dr. ACSCE Auditorium

Web:
www.acsce.edu.in

Dr. B. S. Shylaja
Principal, Dr. ACSCE

Session	**Four Year Blueprint for Success**
Date & Time	6th August 2026, 09:30 AM to 3:30 PM
Name of the Resource Person	Mr. SATHISHRAJ R CEO, E-Crusaders Entrepreneur
About the Session	• **Six-Digit Lock:** The session introduced a six-dimensional approach to building a successful and balanced life: Mental Health, Physical Health, Family Life, Financial Freedom, Dreams & Career, Contribution to Society. • **Journaling & Planning:** Emphasized the importance of regularly writing down thoughts, goals, plans, and future aspirations to create clarity and direction. • **Define Your Dreams:** Participants were encouraged to write down the things they wish to accomplish in life and convert those wishes into clear goals. • **The King – Biopic:** The session highlighted lessons from *The King* biopic, focusing on vision, determination, leadership, and the importance of pursuing one's goals. • **Psychocybernetics:** Discussed how self-image, mindset, and visualization can influence behaviour and help individuals move towards their desired outcomes. • **Power of Imagination:** Encouraged participants to visualize their future and imagine themselves achieving their goals as a way of strengthening motivation and focus. • **Vision Board:** Introduced vision boards as a practical tool to visually represent dreams, goals, and aspirations and keep them consistently in focus. • **Flexibility & Adaptability:** Emphasized the need to remain flexible and dynamic, adapt to changing circumstances, and modify plans without losing sight of the ultimate vision. • **Four-Year Planning:** Encouraged participants to develop a clear four-year blueprint with specific personal, professional, financial, and social goals. • **Book Recommendations:** Suggested *The Answer* and *The Magic* as books that can support personal growth, positive thinking, gratitude, and goal achievement. • **RAA Principle:** Introduced the **RAA approach – Read, Ask, Action**: o **Read** – Continuously learn and gain knowledge. o **Ask** – Seek guidance, clarification, and opportunities. o **Action** – Apply what you learn through consistent execution.
Number of Students Present	192

Pictures of the Session	   
Name of the Staff In charge	Ms. Ashwini R, Assistant Professor, Department of Matheamtics. Ms.Divyashree, Assistant Professor, Department of Chemistry. Mr. Surya C, Assistant Professor, Department of Mathematics.

Resource Person Profile

R. Sathishraj is the CEO of E-Crusaders, an entrepreneur, trainer, traveller, and YouTuber who is passionate about transforming young individuals towards entrepreneurship and instilling values that change the way people live and work. He has delivered impactful sessions in over 100 institutions including Sri Sai ram Engineering College, SRM Institute of Science & Technology, Anna University, and AMET University.

With a B.E. in Computer Science from Sri Sai ram Engineering College, Sathishraj has worked in leading organizations like Ingram Micro Corporation, Adobe Software (TN & AP market), and SIFY Technologies before founding E-Crusaders in 2009. His professional journey includes extensive international exposure, having visited countries such as Malaysia, Australia, France, Netherlands, Switzerland, Canada, and more.

Recognized by the Tamil Nadu IT Minister and awarded by ICT Academy for his outstanding contributions, Sathishraj has inspired countless students through sessions on goal setting, habit formation, digital detox, overcoming failures, happy relationships, and other essential life skills.

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INDUCTION PROGRAM

First-Year UG Induction Program 2026-27

Cordially Invites all

Key Note Speaker:

Mr. Prabhudeva V

Consultant & Enterprise Cloud Architect

Topic -

'Universal Human Values'

Date -

7/08/2026

Time -

09.30 A.M. to 11.00 A.M.

Venue:

Dr. ACSCE Auditorium, ACSCE Campus

Inspire
Orient
Empower

"Dr. B. S. Shylaja, Principal, Dr. ACSCE"

Contact Us -

9008545678 & 9900500028

Web:

www.acsce.edu.in

Session 1	**Universal Human Values**
Date & Time	7th August 2026, 9:30 AM to 11:00AM
Name of the Resource Person	Mr. Prabhu Deva Consultant and Entrepreneur, TCS
About the Session	As part of the Student Induction Programme for first-year B.E., BBA and BCA students for the academic year 2026–27, a session on **"**Universal Human Values**"** was conducted on 7th August 2026 at 9:30 AM**.** The session was delivered by Mr. Prabhu Deva, Consultant and Entrepreneur, TCS**,** and was attended by approximately 190 students. The resource person highlighted the importance of human values in shaping students' personal, academic and professional lives. He emphasized that education should not be limited to academic knowledge and technical skills but should also focus on character building, ethical conduct, self-discipline and responsible behavior. The session covered values such as honesty, integrity, trust, respect, empathy, compassion, responsibility and cooperation, encouraging students to reflect on their attitudes, actions and relationships. The resource person further explained the relevance of universal human values in developing healthy relationships with family members, teachers, peers and colleagues and emphasized the importance of effective communication, mutual respect and understanding. He also connected human values with professional life, highlighting that qualities such as teamwork, accountability, punctuality, adaptability, ethical decision-making and integrity are essential for long-term career success. Through practical examples and professional experiences, the students were encouraged to develop a positive outlook, make responsible decisions and contribute constructively to society. The session was interactive and informative, and it provided the newly admitted students with valuable insights into the importance of holistic development, helping them begin their academic journey with a strong sense of responsibility, values and professional ethics.
Number of Students Present	190
Pictures of the Session	 

	 
Name of the Staff In charge	Dr. Harish Madival, Assistant Professor, Department of Physics Mrs. Deepa, Assistant Professor, Department of Mathematics Mrs. Iramma V. H., Assistant Professor, Department of English

Resource Person Profile

PRABHUDEVA V
Consultant & Enterprise Cloud Architect | Hurukadli@gmail.com | 9480512213

Prabhudeva V is a technology executive with **28+ years of global experience** in Enterprise Architecture, Cloud Computing, Digital Transformation, Solution Design, Project Management, and Technology Leadership across the USA, UK, Australia, and LATAM.

He holds **B.E. and M.E. in Computer Science & Engineering** and is certified in **TOGAF 9.1, PMP, Six Sigma Green Belt, and Reengineering**. He has successfully led corporate technology and talent-transformation initiatives and received **30+ awards** for operational excellence, leadership, and learning.

As a **Corporate Coach and Technology Leadership Facilitator**, he has trained **550+ managers**, delivered PMP programs across multiple TCS international locations, and contributed to **55 successful PMP certifications in seven months** at TCS Florida. His expertise includes Enterprise Architecture, Cloud, IoT, Big Data, Mobile Technologies, Project Management, and Stakeholder Management.

He has also delivered **keynotes, faculty development programs, and technology workshops** at leading engineering institutions across India, reaching thousands of students and faculty members. In addition, he has **36+ years of experience in Yoga, Meditation and wellness practices** and has conducted corporate wellness programs for **1,000+ associates**.

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INDUCTION PROGRAM

First-Year UG Induction Program 2026-27

Cordially Invites all

Key Note Speaker:

Dr. Bheemeswara Reddy V

Dean - Training & Placements, RRGI

Topic -

'Engineering Journey : from Fresher to Professional'

Date - 7/08/2026

Time -

11.45 A.M. to 1.00 P.M.

Venue:

Dr. ACSCE Auditorium, ACSCE Campus

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Dr. B. S. Shylaja,

Principal, Dr. ACSCE

Contact Us - 9008545678 & 9900500028

Web: www.acsce.edu.in

Session 2	**Engineering Journey: from Fresher to Professional**
Date & Time	7th August 2026, 11:45 AM to 1:00AM
Name of the Resource Person	Dr, Bheemeswara Reddy V Dean- Placement and Training, RRGI
Number of Students Present	190
About the Session	The second session of the Student Induction Programme, titled **"**Engineering Journey**:** From Fresher to Professional**,"** was conducted on 7th August 2026 at 11:45 AM for the first-year B.E. students. The session was delivered by Dr. Bheemesh, Placement Dean, RRGI**,** and was attended by approximately 190 students**.** The resource person provided valuable insights into the transition from a first-year engineering student to a competent and industry-ready professional. He explained the importance of setting clear career goals, developing a positive attitude, maintaining discipline and making effective use of the opportunities available during the engineering programme. Dr. Bheemesh emphasized that academic knowledge should be complemented with technical skills, communication skills, teamwork, problem-solving ability, adaptability and professional ethics**.** He encouraged students to actively participate in academic activities, projects, internships, skill-development programmes and placement-oriented training throughout their engineering journey. The students were also guided on the importance of building a strong resume, developing industry-relevant competencies and preparing systematically for future placement opportunities. The session was informative and interactive, motivating students to take ownership of their professional development and to work consistently towards becoming confident, skilled and industry-ready professionals. The programme concluded with a vote of thanks delivered by Mrs. Iramma V. H. Department of English, who expressed gratitude to the dignitaries, students, and everyone who contributed to the successful conduct of the session.
Pictures of the Session	 

	 
Name of the Staff In charge	Dr. Harish Madival, Assistant Professor, Department of Physics Mrs. Deepa, Assistant Professor, Department of Mathematics Mrs. Iramma V. H., Assistant Professor, Department of English

Resource Person Profile

Dr. Bheemeswara Reddy. V, MBA, Ph.D., is an accomplished academic leader and Training & Placement professional with over 21 years of experience in Training & Placements, Corporate Relations, HR, Academic Administration, and Finance. He currently serves as Dean – Training & Placements at Raja Rajeswari Group of Institutions, overseeing placement and training activities across Raja Rajeswari College of Engineering (RRCE) and ACS College of Engineering (ACSCE) for B.E., MCA, and MBA programmes. He has a proven record of transforming institutional placement outcomes, improving placement rates from 35% to 80% at Sri Sairam College of Engineering and from 60% to 90% at The Oxford College of Engineering. At his present institution, he manages 90+ corporate partnerships and conducts structured training in aptitude, soft skills, technical skills, mock interviews, workshops, and placement-readiness programmes. During his tenure at The Oxford College of Engineering, he negotiated placement terms with 163 companies during 2024–25 and helped achieve 80%+ placements for the 2025 batch. Earlier, at Sri Sairam College of Engineering, he served as T&P Officer, Assistant Professor, and HOD – MBA, while also contributing as a VTU Board of Examiners member and paper setter for reputed engineering institutions. He began his professional career as an Accounts Executive at Venus Elevator Solutions Pvt. Ltd., gaining experience in financial management and corporate operations. He holds a Ph.D. from VTU, Belagavi, an MBA from Sri Krishna Devaraya University, Anantapur, and a B.Sc. (MPS) from CVLNR Degree College, Anantapur. His core competencies include Training & Placement Leadership, Corporate Relations & Business Development, HR Strategy & Talent Development, Academic Administration, Curriculum & Faculty Development, ISO Auditing, Research & Publication, and Financial Management. He has received five recognitions, including the Education Award for Excellence, Best Placement Officer Award, Bharat Vikas Award, Official Spotlight Award, and Best Male Faculty Finalist recognition. His academic contributions include patents in protective systems and quantum-computing-based geometry recognition, along with publications and paper presentations in areas including supply chain management, portfolio management, banking, risk-return analysis, and the Indian stock market.

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First-Year UG Induction Program

2026-27

Date - 10/08/2026

Time – 9:30 A.M. to 11.30 A.M.

Venue – Dr. ACSCE Auditorium

Topic:

"Wisdom has no Syllabus"

Keynote Speaker:

Prof. Rajagopal Menon

Ramaiah College, Bengaluru
Professor-English & Communication

Dr. B. S. Shylaja
Principal, Dr. ACSCE

Where curiosity meets possibility.

Contact Us –
9008545678

Web:
www.acsce.edu.in

Session	**Wisdom has no Syllabus**
Date & Time	10th August 2026, 9:30 AM to 11:30AM
Name of the Resource Person	Prof. Rajagopal Menon Ramaiah College, Bangalore Professor-English Communication
About the Session	The transition from college to corporate is more than just a change in environment — it's a shift in mindset, responsibility, and skills. In college, students experience freedom: they choose their schedules, manage deadlines on their own terms, and are mostly judged on individual performance like CGPA. The corporate world, however, operates very differently. Here, deadlines are non-negotiable, success depends on teamwork, and learning never stops. Companies expect employees to handle tools, client interactions, and real-time problems that aren't usually taught in classrooms. This gap can feel overwhelming at first, but it's also where the most growth happens. The corporate space rewards accountability, clear communication, and the ability to adapt. Unlike college where last-minute preparation might work, the workplace demands planning, prioritization, and balance. Employees must learn to collaborate across teams, communicate professionally in emails and meetings, and protect their time and mental health while staying aligned with a larger purpose. In short, moving "From Classroom to Corporate" means evolving from being a solo learner to being a responsible team player who continues to learn every day. <u>Key Points from the Lecture</u> **1. Mindset Shift: Freedom to Responsibility** College gives you choice. Corporate gives you ownership. Deadlines choose you, and there are no extensions. **2. Learning Never Stops** Colleges teach concepts. Corporates teach tools like Excel, Slack, and client handling. The best performers stay beginners forever. **3. Teamwork Over Individual Marks** CGPA is replaced by team targets. No one gets promoted alone. Collaboration and sharing credit become essential. **4. Communication is Your Superpower** Professional emails and presentations replace casual chats. Clarity and tone matter more than jargon. **5. Time Management = Real Skill** Multiple meetings and deadlines in a day are normal. Use calendars, prioritize, and learn to say "no" to protect your time. **6. Purpose + Work-Life Balance** Beyond just a job, finding purpose matters. Set boundaries, keep hobbies alive, and guard your mental health. "Success means nothing without peace of mind."
Number of Students Present	150

Pictures of the Session	   
Name of the Staff In charge	Mr. Sandarshan M R, Assistant Professor, Department of Physics. Mrs. Kavitha, Assistant Professor, Department of Chemistry. Mr. Denis, Assistant Professor, Department of Mathematics.

Resource Person Profile

Prof. Rajagopal Menon is a seasoned academician and communication specialist with over 25 years of experience in academia and corporate sectors, including 15 years in the Middle East. He is currently a Professor of English & Communication at Ramaiah College, Bangalore since 2017, where he teaches Communicative English, Corporate Communication, and conducts workshops on personality development and workplace readiness. He holds a Ph.D. in Accent Neutralization, an MA in English Literature, and a http://B.Com. Earlier, he worked in senior executive roles from 1990 to 2005 with expertise in lead generation, telecalling, CRM, sales, and business closure. He is fluent in English, Hindi, Tamil, and Malayalam, with conversational Kannada. Beyond academics, he is also a professional singer, voice artist, and writer/poet. He can be reached at 8095596861 and rajmenon6157@gmail.co, and is based in Mathikere, Bangalore.

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First-Year UG Induction Program 2026-27

Cordially invites all for the

First-Year UG Induction Program 2026-27

Date – 10/08/2026

Time – 11.45 A.M. - 1:00 P.M.

Venue –
Dr. ACSCE Auditorium

Topic:

Inspired by Nature for Climate, Future

Keynote Speaker:

D. R. Kumaraswamy

Rtd. Senior Environmental Officer

Dr. B. S. Shylaja,
Principal, Dr. ACSCE

Contact Us – 9008545678 | Web: www.acsce.edu.in

Session	**Inspired by Nature for Climate, Future**
Date & Time	10th August 2026, 11:45 AM to 1:00 AM
Name of the Resource Person	D. R. Kumaraswamy Rtd. Senior Environmental Officer
About the Session	The ACS College of Engineering presentation for World Environment Day 2026 centers on the theme "Inspired by Nature. For Climate. For Our Future" under the campaign "Now For Climate". It highlights climate change as the core challenge and pushes for individual and collective action. The report connects global environmental issues like emissions, fuel use, and water consumption to newer solutions for 2026, including AI for climate forecasting, green hydrogen, resilient cities, and EV infrastructure. It also showcases India's progress, noting it ranks third globally in renewable energy with 274.68 GW installed by March 2026, where renewables now cover over 50% of total power capacity. The overall focus is on awareness, collaboration, and adopting environment-friendly practices to tackle climate, pollution, and biodiversity loss. **<u>Key points</u>** **1.Theme 2026**: "Inspired by Nature. For Climate. For Our Future" — campaign titled "Now For Climate" **2.Core objectives**: Drive participation, promote green tech, raise awareness on climate change, deforestation, pollution, and push global collaboration **3.New 2026 focus areas**: AI for climate action, scaling green hydrogen, building resilient cities, and expanding EV infrastructure 4.I**ndia's renewables:** 274.68 GW installed as of March 2026, with 150.26 GW solar and 56.09 GW wind. Renewables >50% of total capacity **5.Historical context**: 1996 fuel use was 2.4B tons coal, 2.8B tons oil, 1.3B tons gas. 1995 CO2 emissions ~7 gigatonnes **6. Water use**: Per capita consumption varies widely, cited from 4,740 L/d down to 330 L/d across regions
Number of Students Present	185
Pictures of the Session	 

		
Name of the Staff In charge	Mr. Sandarshan M R, Assistant Professor, Department of Physics. Mrs. Kavitha, Assistant Professor, Department of Chemistry. Mr. Denis, Assistant Professor, Department of Mathematics.	

Resource Person Profile

D. R. Kumaraswamy, born on 02.08.1959, is a Bengaluru-based environmental engineer and educator. He completed his B.E. in Civil Engineering from GBDT College of Engineering, Davangere in 1983 with first class with distinction, and later earned a Master's in Environmental Engineering from BVM College, Anand, Gujarat in 1993. He served the Karnataka State Pollution Control Board for 35 years from 1984, retiring as Senior Environmental Officer, and held key roles including Member Secretary, Chief Environmental Officer, and Head of the Central Laboratory which he upgraded to an NABL-certified facility. With extensive national and international exposure through study tours to Germany, USA, Singapore, China, and several European countries, he has conducted over 1000 awareness programs and authored 12 books on environmental pollution control in Kannada. A recipient of awards in2025, he is currently a part-time lecturer at APS Degree College and Director of Prakruthi Institute of Environmental Studies, an NGO focused on environment, safety, health and hygiene training.

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INDUCTION PROGRAM

First-Year UG 2026-27

Cordially Invites all

Keynote Speaker:
Mrs. Medha Kedar Tonapi
Founder, Health in Mind Bengaluru

Topic -
'Program your Mind for success'

Date -
11/08/2026

Time -
09.30 A.M. to 11.30 A.M.

Venue:
Seminar Hall, 5th Floor
Dr. ACSCE Campus

Dr. B. S. Shylaja, Principal, Dr. ACSCE

Contact Us – 9008545678 & 9900500028

Web: www.acsce.edu.in

Session 1	**Program your Mind for success**
Date & Time	11th August 2026, 9:30AM to 11:30 AM
Name of the Resource Person	Mrs. Medha Kedar Tonapi, Founder of Health in Mind
About the Session	The first session of the Student Induction Programme, titled "Program Your Mind for Success," was conducted on 11th August 2026 at 9:30 AM for the first-year students. The session was delivered by Mrs. Medha Kedar Tonapi, Founder of Health in Mind**,** and was attended by approximately 195 students**.** The resource person focused on the importance of developing a positive and growth-oriented mindset for achieving success in academic, personal and professional life. She explained how students can consciously develop constructive thought patterns, overcome self-doubt and negative thinking, build self-confidence and maintain a focused approach towards their goals. The session highlighted the importance of **self-awareness, emotional balance, positive thinking, goal setting, discipline and consistency** in achieving long-term success. Students were encouraged to understand their strengths and weaknesses, manage stress effectively and develop healthy habits that support both mental well-being and academic performance. Through practical insights and relatable examples, the resource person motivated students to take responsibility for their thoughts, choices and actions and to approach challenges with confidence and resilience. The session was interactive and motivating, providing students with useful guidance for developing a positive mindset and building a strong foundation for their future academic and professional journey.
Number of Students Present	195
Pictures of the Session	 

	 
Name of the Staff In charge	Dr. Harish Madival, Assistant Professor, Department of Physics Mr. Denis M, Assistant Professor, Department of Mathematics Ms. Divya, Assistant Professor, Department of English

Resource Person Profile

Medha Tonapi Psychologist
| Life Skills Coach |
Mindset Architect Founder – Health in Your Mind Academy.
medhatonapi.com
7019753424 | Bangalore
India Professional Snapshot With 15+ years of expertise in psychology, life skills coaching, and mindset transformation, I have impacted students, professionals, and families across India and globally — from Qatar to the UK, USA, and beyond. My mission is simple yet powerful: awaken minds, transform lives, and unlock human potential. I empower individuals to master their emotions, mindset, and performance through evidence-based strategies, therapeutic interventions, and practical coaching frameworks.

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INDUCTION PROGRAM

First-Year UG 2026-27

Cordially Invites all

Key Note Speaker:

Mrs. Lavanya P G

Entrepreneur & Trainer |
Junior Chamber International

Topic - 'Time Management'

Date - 11/08/2026

Time - 11.45 A.M. to 1.00 P.M.

Venue:
Seminar Hall, 5th Floor
Dr. ACSCE Campus

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Dr. B. S. Shylaja,
Principal, Dr. ACSCE

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Web: www.acsce.edu.in

Session 2	**Time Management**
Date & Time	11th August 2026, 11:45 AM to 1:00 PM
Name of the Resource Person	Mrs. Lavanya P G Entrepreneur & Trainer, Junior Chamber International
Number of Students Present	195
About the Session	The second session of the Student Induction Programme, titled "Time Management," was conducted on 11th August 2026 at 11:45 AM for the first-year students. The session was delivered by Mrs. Lavanya P. G., Entrepreneur and Trainer, Junior Chamber International, and was attended by approximately 195 students. The resource person highlighted the importance of effective time management in achieving academic success while maintaining a healthy balance between studies, personal activities and other responsibilities. She explained how students can make effective use of their available time by setting clear priorities, planning their daily activities and avoiding unnecessary distractions. The session focused on practical strategies such as goal setting, prioritizing tasks, preparing schedules, avoiding procrastination and maintaining consistency in daily activities. Students were encouraged to understand the difference between urgent and important tasks and to develop the habit of completing work within planned timelines. The resource person also emphasized the importance of discipline, punctuality and maintaining a proper balance between academic commitments and personal well-being. Through practical examples and interactive discussion, the session motivated students to develop effective time-management habits that would support their academic performance, reduce stress and help them become more organized and responsible individuals. The programme concluded with a vote of thanks delivered by Mr. Denis M, Assistant Professor, Department of Mathematics who expressed gratitude to the dignitaries, students, and everyone who contributed to the successful conduct of the session.
Pictures of the Session	 

	 
Name of the Staff In charge	Dr. Harish Madival, Assistant Professor, Department of Physics Mr. Denis M, Assistant Professor, Department of Mathematics Ms. Divya, Assistant Professor, Department of English

Resource Person Profile

LAVANYA PG

CERTIFIED ZONE TRAINER |ASSISTANT PROFESSOR | RESEARCHER | SOFT SKILLS COACH

CONTACT

Phone:
7899387297

Email Address:
lavanyapg.17@gmail.com

Address:
LAVANYA P G
#A1602, Brigade Panorama,
Kambipura, Mysore road,
Bengaluru, Karnataka

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

WHAT I TRAIN

- Neuroscience for Personal Growth
- Emotional Intelligence & Communication
- Confidence Building & Goal Clarity
- Mindfulness & Productivity
- Research Mentoring and Scientific Thinking
- Leadership, Influence & Team Collaboration

LANGUAGES

- English (Fluent)
- Kannada (Fluent)
- Hindi (Basic)

PROFILE

An Assistant Professor, Certified Trainer, and Award-Winning LO Officer, passionate about empowering minds through science-backed training programs. With a strong academic and research background, also bring neuroscience, personal development, and soft skills together in a transformational learning experience.

KEY AREAS OF EXPERTISE

1. **Personal Development**
   - Confidence & Self-Esteem Building
   - Goal Setting & Life Vision
   - Growth Mindset & Resilience
   - Purpose Discovery Workshops
2. **Neuroscience-Based Coaching**
   - The Brain & Behavior Change
   - Habit Rewiring with Neuroplasticity
   - Decision-Making & Focus Mastery
   - Neuroscience of Emotional Intelligence
3. **Soft Skills & Communication**
   - Effective Communication & Listening
   - Public Speaking & Presentation Skills
   - Leadership & Influence
   - Conflict Resolution & Empathy

ACHIEVEMENTS & AWARDS

🏅 Awarded as Best Trainer-2023, JCI India
🎓 Certified Zone -Level Trainer - Specializing in Student & Faculty Empowerment
🌟 Best LO Officer – Recognized for Leadership and Coordination
🌟 Recognized as Best vice President for Training and Development JCI India.
🌟 Recognized for best community Development program from JCI.
🌟 Recognized as centum result creater Assistant professor, ACS Engineering college, Bangalore

WHY TO CHOOSE ME

- Certified Zone-Level Trainer
- Best Trainer Award – 2023
- Recognized as Best LO Officer
- Scientifically Designed Modules
- Highly Interactive & Reflective Sessions
- Workshops Tailored for Students, Educators & Professionals

Guest Speaker

Mr. Chinnu Nallathambi

Chief Operational Officer

We Nurture Foundation

Founder - M/s.Brain Alchemy

Topic - Motivational Speak

Moogambigai Charitable and Educational Trust

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Induction Program

First-Year UG 2026-27

12/08/2026

Venue – Dr. ACSCE Auditorium

Time - 09.30 A.M. to 3.00 P.M.

Dr. B. S. Shylaja, Principal, Dr. ACSCE

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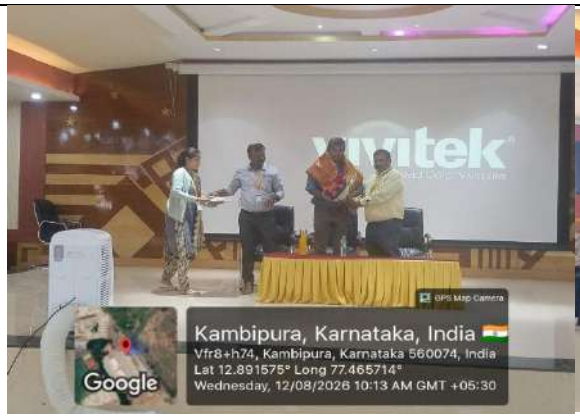
Session	**Motivational Speak**
Date & Time	12th August 2026, 9:30 to 3:00 PM
Name of the Resource Person	Mr. Chinnu Nallathambi Founder, Neuro Wellness Coach Leadership Trainer, Conscious Educator
About the Session	A full-day session on "Leadership Training, Conscious Education" was conducted for first-year students. Mr. Chinnu Nallathambi engaged the students through interactive discussions, activities, and practical exercises. The session focused on building a positive attitude, strengthening interpersonal relationships, enhancing personality, and developing effective leadership skills. The interactive and inspiring approach helped students gain valuable insights into leadership, personal development, and conscious learning. Overall, the session was highly engaging and beneficial for the students. **Key Points** **1. Objective of the Session** To develop leadership qualities, positive mindset, and conscious learning among first-year students. **2. Resource Person Details** Mr. Chinnu Nallathambi, Founder & COO, known for leadership training and personality development. **3. Session Methodology** Activities, group discussions, practical exercises, and interactive Q&A. **4. Key Topics Covered** - Positive attitude and self-awareness - Interpersonal skills and teamwork - Personality development - Effective leadership traits and decision-making - Conscious learning and responsibility **5. Student Engagement** Students actively participated in activities and discussions. **6. Outcomes** Students gained clarity on leadership roles, improved communication, and motivation for personal growth.
Number of Students Present	175
Pictures of the Session	 

	 
Name of the Staff In charge	Mr. Sandarshan M R, Assistant Professor, Department of Physics. Ms. Ashwini, Assistant Professor, Department of Mathematics. Mr. Shwetha, Assistant Professor, Department of Mathematics.

Resource Person Profile

Founder | Neuro-Wellness Coach | Leadership Trainer | Conscious Educator

Mr. Chinnu Nallathambi is a multi-faceted visionary blending science, spirituality, and education to drive meaningful transformation.

Founder, Shamballa Healing Roots India – A not-for-profit initiative empowering children, parents, and communities through integrative healing and education. Executive Director, Balancing Blueprint – Guiding individuals and teams to align energy, emotions, and execution. Chief Trainer, International Mind Mastery Program – Transforming lives through mind-body-spirit integration techniques. International Brain Gym Instructor, Break through International, USA – Facilitating cognitive activation through movement-based learning. Certified Energy Frequency Therapist, UK – Working with vibrational healing and wellness. Epigenetics-Based Astro-Mind Coach – Merging astrology, epigenetics, and coaching for inner blueprint alignment. WHO-Certified Life Skills Trainer – Fostering resilience and socio-emotional learning. Certified Psychological Counsellor – Supporting mental well-being through compassionate coaching. NLP Practitioner, Business Excellence – Enhancing leadership and interpersonal mastery. Alumnus, Executive General Management Program (EGMP) – Indian Institute of Management, Bangalore (IIMB) Bachelor's Degree, Computer Science & Engineering with 16+ years of experience in the IT sector, including leadership roles at IBM, Oracle, and Red Hat, Mr. Chinnu has successfully bridged the corporate and consciousness worlds. Over the past 10+ years, he has coached and trained corporate professionals, educators, and students, helping them activate their full potential. He resides in Bangalore with his wife and two children. His spouse runs "We Nurture Foundation", a special school dedicated to children with diverse learning needs—reflecting their shared vision of inclusive, heart-cantered education.

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Induction *Program*

FIRST-YEAR UG 2026-27

KEY NOTE SPEAKER

Mr. Kaaranji Shreedhar

Co-Founder, Creative Growth Strategist
BrandMint AI Pvt. Ltd.

Ideas into Action
IS THE COMPANY TAGLINE

TOPIC

**CODING, CYBERSECURITY,
DIGITAL SKILLS,
DIGITAL CREATIVITY
& DESIGN THINKING.**

DATE
13/08/2026

TIME
09.30 A.M.
TO 11.00 A.M.

VENUE
Dr. ACSCE Auditorium,
ACSCE Campus

• **Dr. B. S. Shylaja**
Principal, Dr. ACSCE

CONTACT US

9008545678 & 9900500028

www.acsce.edu.in

Session	**Coding, Cyber security, Digital Skills, Digital Creativity and Design Thinking**
Date & Time	13th August 2026, 9:30 AM to 11:00 AM
Name of the Resource Person	Mr. Kaaranji Shreedhar Co-founder, Creative and Growth Strategist
About the Session	The program featured a keynote session by Mr. Kaaranji Shreedhar, Co-Founder and Creative Growth Strategist, BrandMint AI Pvt. Ltd. He addressed the students on "Coding, Cybersecurity, Digital Skills, Digital Creativity & Design Thinking." The session focused on the importance of developing digital competencies, creativity, cybersecurity awareness, and innovative thinking to meet the demands of the modern professional world. The session was held from 9:30 a.m. to 11:00 a.m. and provided first-year students with valuable insights into emerging technologies, digital skills, and creative approaches to problem-solving. The program helped students understand the importance of continuous learning and adapting to the rap adapting to the rapidly changing technological environment.
Number of Students Present	177
Pictures of the Session	  
Name of the Staff In charge	Mrs. Deepa, Assistant Professor, Department of Mathematics Mrs. Iramma V H, Assistant Professor, Department of English Ms. Swetha, Assistant Professor, Department of Mathematics

Resource Person Profile

AI Learning Systems | Visual Storytelling | Creative & Strategy Design Bengaluru, India

PROFILE

Builder at the intersection of filmmaking, AI, and learning systems, with 20+ years of experience across storytelling, education, and digital ecosystems. Focus on designing simple, scalable, and personalised learning experiences by combining visual storytelling, creative writing, and AI-enabled micro tools. Strong ability to translate complex ideas into clear, engaging, and usable formats. Works across concept, structure, and execution—prioritising clarity, adaptability, and real-world application over theoretical design.

CORE STRENGTHS

● Visual storytelling and narrative structuring ● Creative writing for clarity, engagement, and retention ● Strategic thinking with system design orientation ● AI micro-tool building for learning and content workflows ● Curriculum and learning experience design ● Personalised learning frameworks (behaviour-led) ● Low-complexity, high-clarity execution models

EXPERIENCE

Learning & Content Systems (Independent / Collaborative Work) ● Designed learning experiences using storytelling-led frameworks ● Created structured, easy-to-adopt curriculum and content systems ● Focused on clarity, engagement, and practical outcomes AI Micro-Tool & Workflow Design ● Built small, focused AI tools for content creation, learning support, and workflow efficiency ● Applied AI to simplify delivery, feedback, and personalisation ● Explored voice-first and conversational learning formats Filmmaking & Narrative Design ● Developed stories, scripts, and visual narratives ● Applied cinematic thinking to improve communication and learning engagement ● Translated storytelling into structured content systems Strategic & Growth Thinking ● Designed simple, effective approaches for audience engagement and retention ● Focused on practical, low-cost, high-impact execution

WORKING STYLE

● Clear thinking, structured execution ● Hands-on, adaptable, and solution-focused ● Builds simple systems that scale without complexity ● Comfortable working across teams, functions, and constraints POSITIONING Looking to contribute in roles across: ● AI-enabled learning and content systems ● Curriculum and learning experience design ● Story-led product and engagement frameworks Focus: Using storytelling, AI, and strategic thinking to build clear, scalable, and effective learning systems.

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INDUCTION PROGRAM

First-Year UG 2026-27

Keynote Speaker
Mr. Pavan M Srivathsa
Consulting Psychologist
of Chakshu Foundation

Topic -
'Student life challenges & Problems'

Date -
13/08/2026

Time -
11.30 A.M. to 1.00 P.M.

Venue:
Dr. ACSCE Auditorium,
ACSCE Campus

Dr. B. S. Shylaja, Principal, Dr. ACSCE

Contact Us – 9008545678 & 9900500028 | Web: www.acsce.edu.in

Session	"**Student life challenges & Problems"**
Date & Time	13th August 2026, 11:45 AM to 1:00 PM
Name of the Resource Person	Mr. Pavan M Srivathsa Consulting Psychologist of Chakshu Foundation
About the Session	The session was delivered by Mr. Pavan M Srivathsa, Consulting Psychologist, Chakshu Foundation. The session followed a dynamic and student-centred approach, encouraging active participation rather than a conventional lecture format. Students engaged in interactive discussions, questions, real-life situations, and activity-based reflections related to the challenges they may encounter during their college journey. The activities helped students explore self-awareness, communication, decision-making, emotional management, peer relationships, and problem-solving skills. The speaker encouraged students to openly share their views and experiences, making the session lively, engaging, and relatable. Overall, the session provided an interactive platform for first-year students to understand and confidently address common student-life challenges, while promoting positive thinking, adaptability, and responsible decision-making.
Number of Students Present	174
Pictures of the Session	 

Name of the Staff In charge	Ms. Deepa, Assistant Professor, Department of Mathematics Ms. Iramma V H, Assistant Professor, Department of English Ms. Swetha, Assistant Professor, Department of Mathematics

Resource Person Profile

Pavan M. Srivatsa Founder – Chakshu Foundation | Consulting Psychologist | Spiritual Guide | Author | Case Supervisor | Public Speaker Pavan M. Srivatsa is a consulting psychologist and public intellectual whose work stands at the confluence of contemporary psychological science and classical Indian knowledge systems. Grounded in social psychology, informed by the Upanishadic inquiry into Self, refined through the Bhagavata vision of devotion and meaning, and philosophically anchored in Sri Madhvacharya's Dvaita Vedanta, his work seeks not mere mental adjustment, but clarity of being which helps people identify and accomplish their purpose of life. He represents a rare intellectual continuity—where modern clinical understanding does not negate tradition, and tradition does not romanticize the mind, but disciplines it toward truth, responsibility, and transcendence.

Consulting Psychologist He, through Chakshu Foundation, has been providing therapy to individuals, couple and families and helping them deal with their challenges and problems. He has been providing his services world – wide. His clinical work includes trauma care, crisis intervention, emotional regulation, and long-term psychological restructuring. During periods of collective crisis— including the COVID-19 pandemic—he extended free psychological support, integrating compassion with clarity, and science with spiritual resilience. He has been a member of crisis management team for the victims of Rameshwaram Café bomb blast. He is going as a consultant psychologist – educational psychologist to two deemed educational institutions.

Session	**Local place visit-Srinivas Temple, Mukthinadha Temple, Dodda Aladha mara**
Date & Time	14th August 2026,9:30AM to 3:45PM
About the Visit	**Srinivasa Temple** – Students learned about the cultural and spiritual significance of temples and traditional architecture. **Mukthinadha Temple** – Students gained awareness of local religious traditions, customs, and cultural heritage. **Dodda Alada Mara (Big Banyan Tree), Bengaluru** – Students observed a significant natural landmark and understood the importance of conserving trees and biodiversity.
Number of Students Present	166
Pictures of the Session	  

Induction Program Lab Report-Dept. of CSE

Name of the lab	**AICTE IDEA LAB**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45PM)**
No of days Conducted	**7**
Name of the Faculty In charge	Prof. Mrs. Selvarasi Assistant Professor, CSE-DS Prof. Mohammad Owais Assistant Professor, CSE-DS Prof. Sugan Priyan Assistant Professor, CSE-DS

Objective of Lab training :

1. Learn the working principles of CO_2 laser optics, gas mixtures, and beam delivery systems
2. Use vector graphics software to prepare cutting and engraving paths
3. Learn and try to test and set correct power, speed for non-metallic materials like wood, acrylic, fabric.
4. Connect digital fabrication with project-based learning to concepts into tangible prototypes quickly
5. Gain practical competence in handling the laser cutter, adjusting the bed, managing safety protocols.

Outcome of Lab training:

1. Safely set up, calibrate, and operate CO_2 laser cutting and engraving machines without supervision
2. Identify appropriate processing for diverse substrates, minimizing waste and material burn
3. Successfully convert 2D/3D CAD data into accurate physical components and functional assemblies
4. Apply rapid manufacturing techniques to complex engineering, design, and art projects
5. Diagnose basic optical alignment issues, focus adjustments, or vector file errors during production

Brief Explanation of Hands on sessions conducted

Hands on Sessions conducted based on AICTE IDEA Lab for learned and calibrate and align CO2 laser machine practised and used vectors graphics software **RX works to** design 2D and 3D CAD layouts for tested a power and speed on wood and acrylic corrected vector file errors and lens focus issues

Pictures of the Session


GPS Map Camera
Kambipura, Karnataka, India
Vfr8+h74, Kambipura, Karnataka 560074, India
Lat 12.891133° Long 77.465632°
Tuesday, 04/08/2026 02:34 PM GMT +05:30
Google


GPS Map Camera
Kambipura, Karnataka, India
Vfr8+h74, Kambipura, Karnataka 560074, India
Lat 12.891141° Long 77.465654°
Tuesday, 04/08/2026 03:42 PM GMT +05:30
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Kambipura, Karnataka, India
Vfr8+h74, Kambipura, Karnataka 560074, India
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Tuesday, 04/08/2026 03:43 PM GMT +05:30
Google


Kambipura, Karnataka, India
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Lat 12.891146° Long 77.46566°
Tuesday, 04/08/2026 02:20 PM GMT +05:30
Google

Induction Program Lab Report-Dept. of AI/ML

Name of the lab	**AI-LLM Lab**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45PM)**
No of days Conducted	**07**
Name of the Faculty In charge	Dr. Naveen H S

Objective of Lab training:

1. To introduce students to the fundamentals of Artificial Intelligence (AI) and familiarize them with basic AI concepts, applications, and real-world use cases.
2. To understand the concept of Large Language Models (LLMs) and their role in modern generative AI applications.
3. To develop basic skills in interacting with AI tools through effective prompting and structured queries.
4. To demonstrate the practical applications of Generative AI in education, programming, content creation, problem-solving, and everyday activities.
5. To create awareness about responsible and ethical use of AI, including limitations, accuracy, privacy, bias, and verification of AI-generated information.

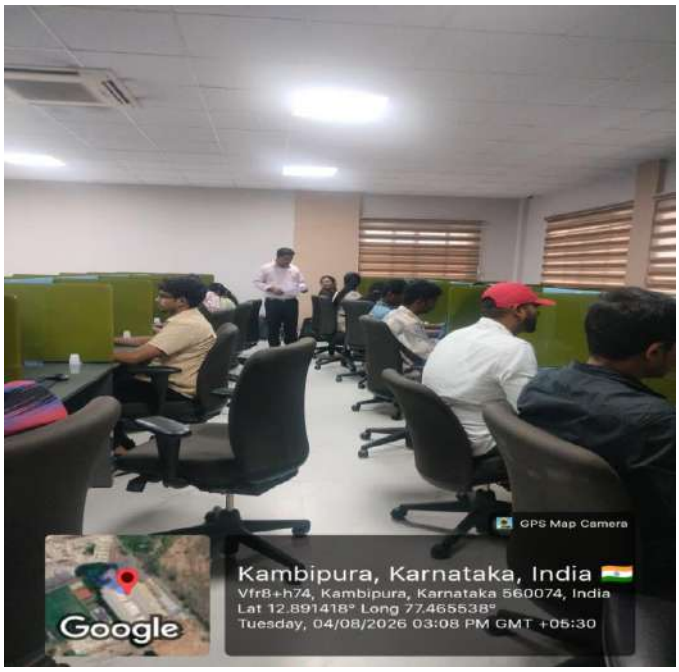
Outcome of Lab training:

1. Students gained basic understanding of AI and LLMs and learned how modern AI systems generate and process human-like responses.
2. Students learned effective prompt engineering techniques to obtain relevant, accurate, and well-structured outputs from AI tools.
3. Students developed hands-on experience with Generative AI tools for solving academic, technical, and creative problems.
4. Students explored real-world applications of AI, including text generation, summarization, coding assistance, idea generation, and information analysis.
5. Students developed awareness of responsible AI usage and understood the importance of critically evaluating and verifying AI-generated outputs.

Brief Explanation of Hands-on sessions conducted:

As part of the **1st Year Engineering Students' Induction Programme**, an Artificial Intelligence Lab training session was conducted to provide students with a practical introduction to **Artificial Intelligence, Generative AI, and Large Language Models (LLMs)**. The session included demonstrations of real-world AI applications and hands-on activities using AI tools.Students learned **effective prompt engineering techniques**, explored the use of AI for academic and programming tasks, and practiced generating summaries, understanding technical concepts, writing simple programs, and identifying errors. The training also emphasized **responsible and ethical use of AI**, including awareness of AI hallucinations, bias, privacy, plagiarism, and the need to verify AI-generated information.Overall, the hands-on training provided students with **basic practical exposure to modern AI technologies**, enhanced their problem-solving and digital skills, and encouraged them to explore AI as a learning and productivity tool.

Pictures of the Session:



Induction Program Lab Report-Dept. of IOT

Name of the lab	**Oops with Java & Data Visualization lab**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45)**
No. of days Conducted	**07 days**
Name of the Faculty In charge	Mrs.Shiji Mol F R

Objective of Lab training :

1. To introduce students to the fundamental concepts, applications, and career opportunities of Internet of Things (IoT).
2. To familiarize students with basic IoT hardware components such as Arduino, ESP32, sensors, actuators, LEDs, and buzzers.
3. To provide practical exposure to IoT circuit design and simulation using Tinkercad.
4. To develop students' basic skills in sensor interfacing, circuit connections, and microcontroller programming.
5. To encourage students to explore IoT-based innovation through hands-on activities and simple real-time applications.

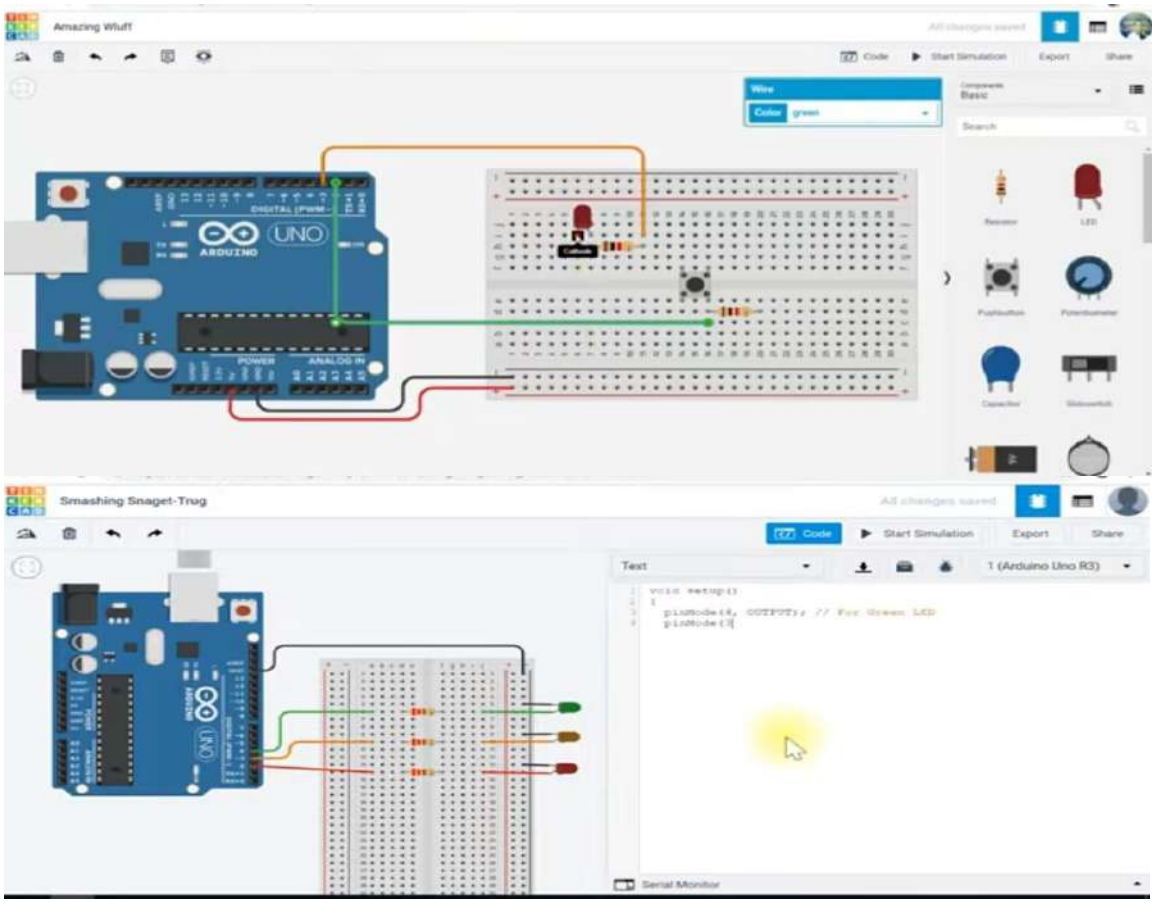
Outcome of Lab training:

1. Students gained a basic understanding of IoT concepts and its real-world applications.
2. Students were able to identify and understand the functions of commonly used IoT hardware components.
3. Students gained practical experience in designing and simulating simple IoT circuits using Tinkercad.
4. Students developed basic skills in connecting sensors and actuators with Arduino/ESP32 and observing the output.
5. Students gained confidence and interest in developing simple IoT projects and exploring future career opportunities in IoT.

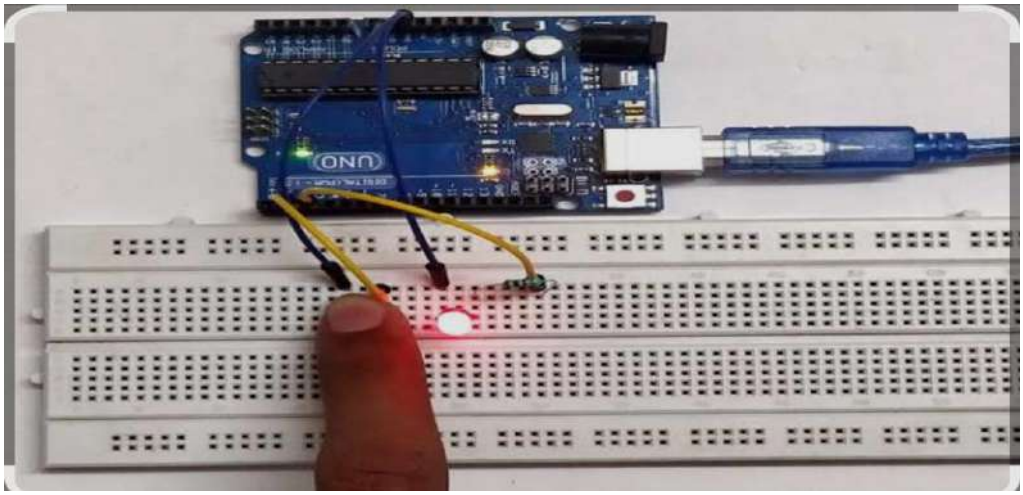
Brief Explanation of Hands on sessions conducted:

The hands-on sessions provided students with practical exposure to IoT circuit design, simulation, programming, and hardware implementation. Initially, students were introduced to the Tinkercad virtual environment, where they learned to select Arduino Uno, breadboard, LEDs, resistors, push buttons, and other basic components and establish the required circuit connections. Students performed a simple LED blinking and LED control experiment through virtual simulation and observed the output.

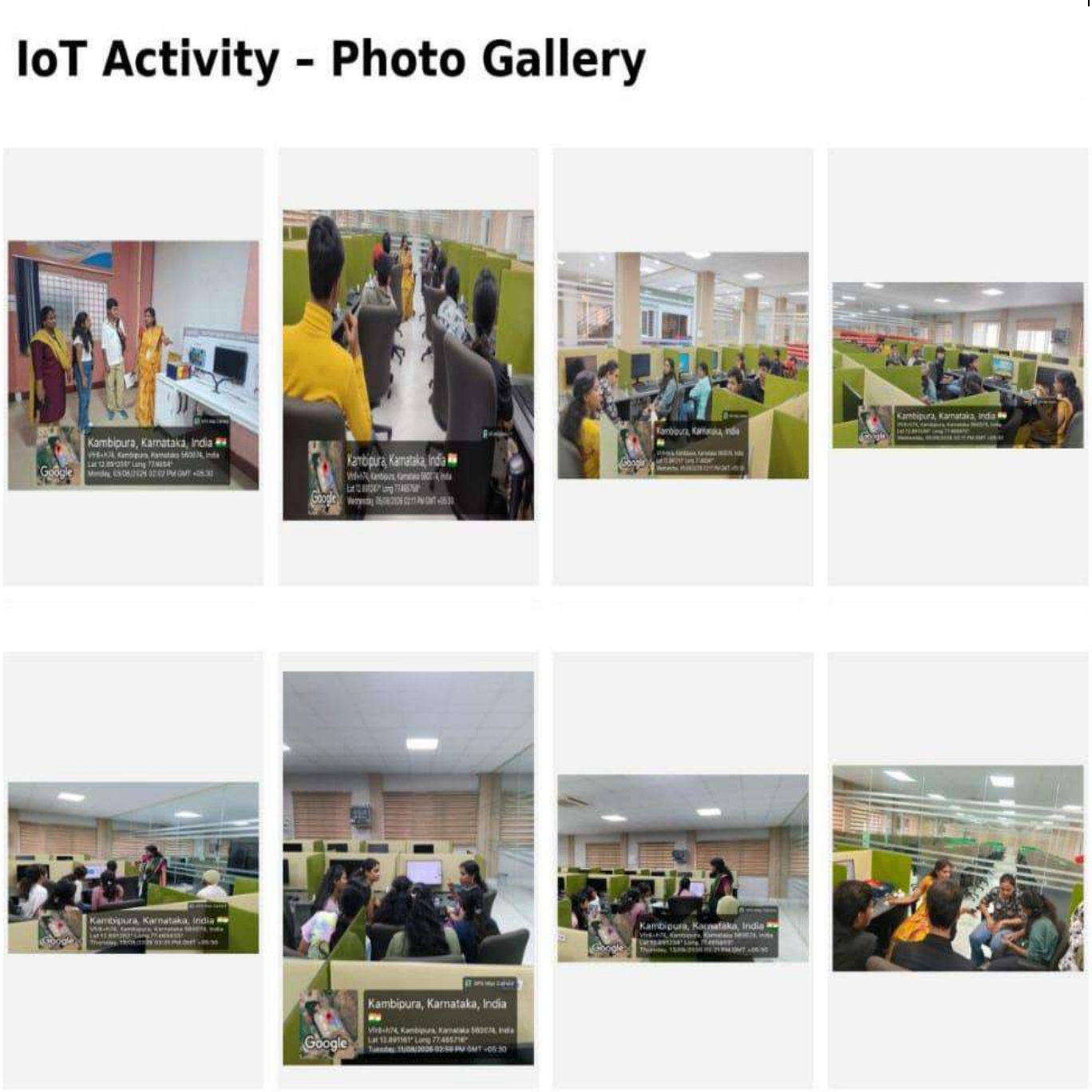
The students were then introduced to Arduino programming, where they learned the basic structure of a program, pin configuration, and controlling LEDs through digital output pins. They also explored the use of multiple LEDs and basic input-output interaction



Following the virtual activity, students worked with physical Arduino Uno hardware, breadboard, LEDs, resistors, and jumper wires. They connected the components, uploaded the program to the Arduino, and observed the LED output in real time. Students were given an opportunity to build, test, and troubleshoot a simple LED-based circuit under faculty guidance, thereby gaining practical experience in circuit connections, programming, and hardware implementation.



Pictures of the Session:



Induction Program Lab Report-Dept. of CSE

Name of the lab:	**Microprocessor Lab**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45PM)**
No of days Conducted	**7**
Name of the Faculty In charge	Dr. S. Kannan

Objective of Lab training :

1. Understand the basic concepts, functions, and applications of computers.
2. Identify and explain the basic block diagram, functional units, and major components of a computer.
3. Understand the functions of CPU, motherboard, RAM, ROM, and secondary storage devices.
4. Identify and differentiate various input, output, peripheral, and computer accessory devices.
5. Classify computers based on size, performance, applications, and different generations of technological development.
6. Differentiate between computer hardware and software and develop basic skills in computer hardware assembling and disassembling.

Outcome of Lab training:

1. Explain the **basic concepts, characteristics, and applications of computers**.
2. Describe the **basic block diagram of a computer** and explain the functions of its major units.
3. Identify and explain the functions of **CPU, motherboard, RAM, ROM, and secondary storage devices**.
4. Identify and differentiate various **input devices, output devices, computer types, and computer generations**.
5. Distinguish between **hardware, software, and computer accessories** based on their functions and applications.
6. Demonstrate basic skills in **assembling and disassembling computer hardware** safely and systematically.

Brief Explanation of Hands on sessions conducted

The hands-on sessions provided practical exposure to the basic concepts and components of computers. Students were trained to identify and understand the functions of the **CPU, motherboard, RAM, ROM, storage devices, input/output devices, and peripheral devices**. Practical demonstrations were conducted on **computer hardware assembling and disassembling**, identification of internal components, and proper handling of hardware devices. Students also gained basic experience in **connecting computer peripherals, installing and checking hardware components, and understanding the difference between hardware and software**. These sessions helped students develop practical skills and confidence in handling computer systems.

Pictures of the Session

The photographs capture the practical and hands-on activities conducted during the computer fundamentals sessions. The key activities include:

1. **Computer Hardware Identification** – Students identified major components such as the CPU, motherboard, RAM, storage devices, and power supply.

2. **Input and Output Devices** – Students were introduced to various input and output devices and learned their functions.
3. **Computer Assembly** – Students gained practical experience in assembling computer components and connecting the required cables.
4. **Computer Disassembly** – Students learned the safe procedure for removing and handling internal computer components.
5. **Motherboard and CPU Demonstration** – Students observed the motherboard, CPU, memory slots, expansion slots, and other important components.
6. **Practical Learning Activity** – Students actively participated in the laboratory sessions, gaining basic skills and confidence in handling computer hardware.

Induction Program Lab Report-Dept. of AE

Name of the lab	**Skill Lab: MIG 27 Aircraft**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45PM)**
No of days Conducted	**07**
Name of the Faculty In charge	Mr. ALBERT ALLEN D MELLO

Objective of Lab training:

1. **Introduce Full-Scale Airframe Anatomy:** To familiarize first-year students with the physical layout, skin panels, and structural skeleton of a real supersonic military fighter jet (Mikoyan-Gurevich MiG-27).
2. **Demystify Variable Geometry (Swing-Wings):** To break down the mechanical engineering behind a "swing-wing" aircraft that changes its wing shape physically mid-flight.
3. **Bridge Theory and Practice:** To connect basic classroom concepts of mechanics (such as pivot points, structural loads, and leverage) to real-world military aerospace hardware.
4. **Cultivate Engineering Interest**: To inspire students by showing them the complex integration of mechanical, hydraulic, and structural systems working together in a combat aircraft.

Outcome of Lab training:

By the end of this induction, students will be able to:

1. **Identify** the major external and internal structural zones of the MiG-27 (Nose cone, Variable-sweep wings, Tail section, and Landing gear bays).
2. **Understand** why the MiG-27 sweeps its wings back (low drag for supersonic speed) and spreads them out (high lift for landing and takeoff).
3. **Trace** how flight control surfaces like the Stabilators (combined elevator and stabilizer) and Spoilers manipulate airflow.
4. **Acknowledge** strict lab safety protocols required when working around a massive, full-scale military aircraft frame.

Detailed Lab Procedure

Phase 1: Concepts of Supersonic Airframe Orientation

- **Supersonic Airframe Design:** The instructor explains how the MiG-27 is built to handle the intense structural stresses and heat of flying faster than the speed of sound. Students learn about its rugged, all-metal semi-monocoque fuselage (where the outer skin handles part of the structural load).
- **The Variable-Sweep Wing Concept:** Students learn about the aircraft's signature feature:

    - **20-Degree Sweep:** Wings spread wide open for maximum lift during slow flight, takeoff, and landing.
    - **45-Degree Sweep:** The optimal wing position for high-speed, low-altitude cruising and ground attacks.
    - **72-Degree Sweep:** Wings fully swept back into a tight delta shape to minimize aerodynamic drag during supersonic flight.
- **Aircraft Flight Controls:** Students learn how the MiG-27 maneuvers without traditional separate tail flaps. The instructor introduces **Stabilators**—entire tailplanes that tilt completely to control pitch and roll at high speeds.

Phase 2: MiG-21 Airframe Hardware Familiarization

- **Hardware Overview:** Students walk around the physical MiG-27 aircraft. The instructor highlights the core structural systems:
    - **The Main Wing Pivot Box:** The incredibly thick, heavy-duty steel center section that acts as the mechanical hinge holding the swinging wings.
    - **The Fighter Landing Gear:** Heavy-duty hydraulic shock struts and thick tires designed to absorb the violent impact of high-speed runway landings.
    - **The Lateral Air Intakes:** The boxy air scoops on the sides of the cockpit designed to swallow and slow down supersonic air before it reaches the engine.
- **Safety Boundaries:** Students identify danger zones around the aircraft, such as the sharp pitot tubes at the nose, heavy moving hinge areas, and under-wing weapon pylon attachment points.

Phase 3: Interactive Visual & Structural Inspection Drill

- **Skin Panel and Rivet Inspection:** Students get a close-up look at how the aircraft's metal skin is held together. They learn the difference between standard rivets and **flush-head rivets** used to keep the airplane's surface perfectly smooth for aerodynamics.
- **Interactive Maintenance Observation:** Students assist in a controlled observation session:
    - **Access Panel Demonstration:** The instructor opens one of the aircraft's quick-access structural doors. Students peer inside to look at the network of hydraulic lines, mechanical push-pull rods, and structural bulkheads.
    - **Wing Angle Verification:** Students stand at a safe distance while the instructor demonstrates the physical movement positions of the swing-wing mechanism (or uses a scale model/mockup display to show the hydraulic actuator path).
    - **Corrosion & Wear Check:** Students use a flashlight to inspect exposed landing gear joints, learning how field engineers check for microscopic stress cracks or metal rust in military aircraft.

Pictures of the Session

Induction Program Lab Report-Dept. of CY

Name of the lab	**Software Testing and Project management Lab**
Date & Time	**From 04-08-2026 to 14-08-2026 (01:45PM-03:45PM)**
No of days Conducted	**7**
Name of the Faculty In charge	Mrs. Sujatha J V and Ms. Sanjana R Chauhan

Objective of Lab training :

1. Produces professional-quality documents.
2. Excellent support for mathematical equations and algorithms.
3. Ideal for research papers, project reports, resumes, and theses.
4. Automatically manages numbering, references, table of contents, and bibliography.
5. Platform-independent and open source.
6. Protects sensitive information
7. Prevents cyber attacks
8. Identifies vulnerabilities
9. Improves system security
10. Ensures regulatory compliance
11. Builds customer trust

Outcome of Lab training:

1. Research papers
2. Engineering project reports
3. Laboratory manuals
4. Technical documentation
5. Books and e-books
6. Conference papers
7. Professional resumes
8. Identify and explain the importance of protecting sensitive information.
9. Recognize common cyber attacks and apply appropriate security measures to prevent them.
10. Identify and assess vulnerabilities in systems and networks.
11. Implement appropriate security practices to improve system security.
12. Explain and apply cybersecurity standards and regulatory compliance requirements.
13. Evaluate how effective cybersecurity practices contribute to customer trust and organizational reputation.

Brief Explanation of Hands on sessions conducted : Students were able to develop small document based on the inputs given by the instructor and very eager to learn new thing in the lab by conducting the experiments

Pictures of the Session