



Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MCTS)

Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA

Tel: +91 422 4242424

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ACADEMIC AUDIT WITH ACTION TAKEN REPORT

ACADEMIC YEAR :2023-2024



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Ref: HICET/AA/AY 2024-2025/07

03.07.2024

CIRCULAR

As the Academic Audit for the AY 2023-2024 is scheduled on 15.07.2024 & 16.07.2024, the following various departments are requested to submit the final copy of documents to EEE department on or before 13.07.2024.

S.NO	Department to the Audited	DATE	Name of the Auditors
1	AERO	15.07.2024	Dr.N.P.Ananthamoorthy / Professor and HoD/EEE
2	AUTO		Dr.S.Shankar Professor and HoD/CSE
3	CIVIL		Dr.P. Vijayalakshmi Professor and HoD/ECE
4	CSE		Dr. Sabrigiriraj M Professor and HoD/IT
5	EEE		Dr..Anand / IQAC Co-ordinator
6	ECE		Dr. Siva Kathirvelsamy Professor and HoD/MECH
7	E&I		Dr. Gopinathan V T Professor And Hod/AERO
8	MECH		Dr.Akil K Professor and HoD/CIVIL
9	MECT		Dr.Sabarinathan Professor and HoD/AUTO
10	IT		Dr.P.T.Saravanakumar Professor and HoD/
11	AGRI	16.07.2024	Dr Saravana Sundaram . Professor and HoD/BME
12	BME		Dr.N.Sridhar Professor and HoD/AGRI
13	CHEM		Dr.G.Jeevarathinam Professor and HoD/FT
14	FT		Dr.M.Seenuvasan Professor and HoD/
15	AIML		Dr.K.P.Uma Professor and HoD/
16	S&H		Dr.N.P.Ananthamoorthy / Professor and HoD/EEE



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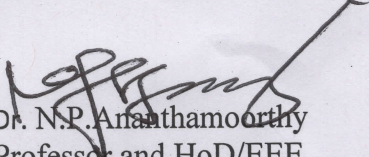
Ref: HICET/AAR/AY 2024-2025/08

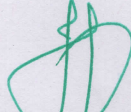
17/7/2024

CIRCULAR

As the internal Academic Audit (AY 2023-2024) is completed on 15.07.2024 and 16.07.2024, heads of the department are requested to prepare the Action Taken Report.

In this connection, an external audit is scheduled on 18.07.2024. Kindly prepare all the necessary documents for the smooth with the external audit for the smooth conduct of external Audit.


Dr. N.P. Ananthamoorthy
Professor and HoD/EEE
Co-Ordinator

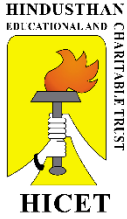

PRINCIPAL

To

Deans/Directors
All HoD's/CoE/All Establishments
Office Manager/Library Corporatr Cell/Physical Director
File

Copy to

The Managing Trustee
The CEO



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ACADEMIC AUDIT (Academic year: 2023 - 24)

(All details should be given only for the Academic year: 2023-24)

July 2023 - June 2024

Name of the Department : AERONAUTICAL ENGINEERING

Year of Establishment : 2005

Programmes offered by the Department: B.E- Aeronautical Engineering

UG & Year of Establishment	PG & Year of Establishment
B.E. Aeronautical Engineering	NIL

VISION

To be a global player and to prepare the students with skills and knowledge for their successful deployment in the Aeronautical Engineering.

MISSION

1. To nurture the students technically based on current trends and opportunities in the global Aerospace industry.
2. To develop the students as innovative engineers to address the contemporary issues in the aeronautical field.
3. To inculcate professional and social responsibility based on an innate ethical value system.

OBJECTIVES SET BY THE DEPARTMENT

Program Educational Objective (PEO)

1. Apply the knowledge of aerodynamics, structures, propulsion, avionics, and aircraft maintenance to give solutions for complex engineering problems.
2. Use progressive methodology and tools involving design, analyze, and experiment in aircraft design.

Program Outcomes (POs)

Engineering Graduates will be able to:

- a. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
- b. **Problem analysis:** Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- c. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- d. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- e. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- f. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- g. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- h. **Environment and sustainability:** understand the impact of the professional engineering solutions in societal and environmental contexts, demonstrate the knowledge of, and need for sustainable development.
- i. **Ethics:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice.
- j. **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- k. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- l. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- m. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an Engineering specialization to the solution of complex Engineering problems.

Program Specific Outcomes (PSO)

The Graduates will be able to,

1. Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an Engineering specialization to the solution of complex Engineering problems.
2. Use research-based knowledge and research methods including design, experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

(I) GENERAL INFORMATION OF THE DEPARTMENT

1. Head of the Department : Dr. GOPINATHAN V T
2. Admission Details (UG and PG separately) for the last 3 years

S. No	Year	Intake	Admitted
UG			
1	2021 - 2022	60	60
2	2022 - 2023	60	62
3	2023 - 2024	60	61

3. Number of Students (Current Academic Year: 2023-2024)

UG	I Year:	61	II Year:	63	III Year:	58	IV year:	75
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Based on Gender				
UG	Year	Male	Female	Total
	I year	50	11	61
	II year	51	12	63
	III year	52	6	58
	IV year	63	12	75

Based on Territory				
UG	Year	Tamil Nadu	Other States	Total
	I year	57	4	61
	II year	56	7	63

	III year	46	12	58				
	IV year	56	19	75				
Based on Community								
UG	Year	OC	BC	BCM	MBC	SC	ST	Total
	I year	5	30	-	19	7	-	61
	II year	10	29	-	20	4	-	63
	III year	4	32	3	13	6	-	58
	IV year	20	26	8	12	8	1	75

4. Number of the Faculty Members

Sanctioned	Male	Female	Total
Existing	14	02	16

Designation	Required as per norms	Available	Vacant if any
Professor	1	1	-
Associate Professor	2	2	-
Assistant Professor	13	13	-
Total	16	16	-

5. Faculty profile with name, qualification, designation and experience

S. No.	Name of the Faculty	Qualification	Designation	Years of Experience
1.	Dr. V T Gopinathan	Ph.D	Associate Professor & Head	15
2.	Dr. P N Karthikeyan	Ph.D	Professor	20
3.	Dr. M Ganesh	Ph.D	Associate Professor	16
4.	Mr. Veeramanikandan R	M.E	Assistant Professor	12
5.	Ms. Shabana A	M.E	Assistant Professor	11
6.	Mr. Saravanan R	M.E	Assistant Professor	11
7.	Mr. Arun Raja K K	M.Tech	Assistant Professor	10
8.	Mr. Manoj Kumar K	M.Tech	Assistant Professor	9
9.	Mr. Sivaraman S	M.Tech	Assistant Professor	10
10.	Mr. Arulmozhinathan T	M.E	Assistant Professor	5
11.	Mr. Magesh Kumar M	M.E	Assistant Professor	6
12.	Ms. Shyamila S P	M.Tech	Assistant Professor	6
13.	Mr. Saravana Kumar V	M.E	Assistant Professor	8
14.	Mr. Tamilvendan D	M.E	Assistant Professor	10
15.	Mr. Pramodass C	M.Tech	Assistant Professor	4

16.	Mr. Kathirvel K	M.E	Assistant Professor	11
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6. Number of the Faculty Members awarded in the current Academic Year

	Full Time	Part Time	Total
PDF	-	-	-
PhD	-	-	-
Recognized Guides	02		02
Others	-	-	-

7. Number of Faculty Members Pursuing Ph.D. in the current Academic Year

	Full Time	Part Time	Total
PDF	-	-	-
PhD	-	02	02
Recognized Guides	02		02
Others	-	-	-

8. List of visiting Fellows/ Adjunct Faculty

S. No	Name of visiting /Teachers, Adjunct and Emeritus Professors	Designation/Address
1.	Mr Charath Chander N	Forge Innovation & Ventures, CAD / CAM / CEA Expert, Coimbatore.

9.Membership details of Faculty Members

S. No.	Name of Faculty	Membership in professional bodies	Membership Number
1.	Dr. Gopinathan V T	The Aeronautical Society of India	AM-7087
		Institution of Engineers (India)	M-1565510
2.	Dr. Karthikeyan P N	Indian Society for Technical Education	LM 68264
		Institution of Engineers (India)	M-1774063
3.	Dr. Ganesh M	Indian Society for Technical Education	LM 98644
		Institution of Engineers (India)	M-1774098
4.	Mr. Veeramanikandan R	The Aeronautical Society of India	AM- 7320

5.	Mr. Saravanan R	Indian Society for Technical Education	LM 98415
		Institution of Engineers (India)	M-1774071
6.	Mr. Arun Raja K K	Indian Society for Technical Education	LM 98886
7.	Mr. Manojkumar K	Indian Society for Technical Education	LM 98887
8.	Mr. Sivaraman S	The Institute of Research Engineers and Doctors	AM10100052 362
9.	Mr. Saravana Kumar V	Indian Society of Aeronautical Engineers	ISAE/2016/ 1024
		Institution of Engineers (India)	AMIE AM3058851
10.	Mrs. Shabana A	American Institute of Aeronautics and Astronautics	507133
11.	Mr. D. Tamilvendan	Institution of Engineers (India)	M-1774012
12.	Mr. M. Magesh Kumar	Institution of Engineers (India)	AMIE AM3058835
13.	Mr.S Sivaraman	Institution of Engineers (India)	AMIE AM3058797
14.	Mr. Kathirvel K	Indian Society for Technical Education	LM 94004

10. Information about research grants, projects completed / ongoing during the period of **last 3 years** from National funding Agencies only (like AICTE, UGC, CSIR, DST, DBT, & others etc.,)

S.No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
NIL						

* List are to be attached separately

11. Awards / Prizes / recognitions received by teachers at national and international level / professional societies

S. No	Name of Faculty	Date of Award	Name of the Award	Name of the Professional Society
NIL				

12. Details of faculty members who acted as resource persons for Orientation courses, Seminars, Guest Lectures, Workshops, and Conferences at national and international levels (Outside the parent institutions)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	V Saravanakumar	20.03.2024	Seminar on Innovation Drone Technology to Drone Pilot	Govt.ITI	Coimbatore

13. Participation of faculty members in various academic activities as members of committees at other Institutions like BoS, Academic Council, etc.,

S. No	Month & Year	Name of the Faculty Members	Name of the body / committee the teacher participated
NIL			

14. Details of faculty members appointed/nominated on Editorial Boards of peer reviewed journals/ International conferences

S. No.	Name of the Faculty Members	Name of Editorial Boards of peer reviewed journals & National/International conference
1	Dr V T Gopinathan	Applied Bionics and Biomechanics
		International Journal of Aerospace Engineering

15. Details of Number of Research Scholars Produced & Ongoing Details:

S.No.	Name of the Faculty	Awards			PhD		Projects		
		State	National	International	Produced	Ongoing	Major	Minor	Amount (in Rs.)
1	Dr P N Karthikeyan	-	-	-	-	01	-	-	-

16. Details of Seminars / Conferences/ Workshops /Guest Lectures organized by the faculty members with funding from Government / NGOs

S. No	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of beneficiaries	Funding agency
1	Mr Saravanan R	Workshop	NDT Workshop	27.10.2023	45	IEI students chapter

17. Details of Seminars / Conferences/ Workshops /Guest Lecture organized by the Faculty Members (Not covered under Sl.No.16)

S. No.	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of beneficiaries
1	Mr R Saravanan	SEMINAR	Satellite Tool Kit	15.09.2023 FN	196
2	Mr Saravanan kumar V & Mr Arulmozhinathan T	SEMINAR	Entrepreneurship	07.10.2023 FN	145
3	Mr R Saravanan	Training program	Data Analytics using Microsoft Excel	27.10.2023 Full day	45
4	Mr Mageshkumar	SEMINAR	Path for Higher Education	01.11.2023 FN	65
5	Mr. Manoj kumar K, Mr. Arulmozhinathan T & Mr. Saravana kumar v	Workshop	Paper Plane Contest & Awareness program on Drones	04.11.2023	53
6	Mr Tamilvendan D	FDP	FDP	11.3.2024 to 15.3.2024	110
7	Mr Tamilvendan D	SEMINAR	Structural mechanics	20.02.2024	30
8	Mr Saravanan kumar V & Dr P N kartikeyan	KALAM	IIC ACTIVITY	15.03.2024	50
9	Mr Saravanan kumar V	HELIRIDE	HELIRIDE	23, 24 Feb 2024	30
10	Mr. Manoj kumar k & Mr. Arulmozhinathan t	SEMINAR	Research Methodology on FEM	18.03.2024	148
11	Mr Kathirvel K	SEMINAR	Overview of Indian Constitution	07.05.2024	63
12	Dr P N kartikeyan	SEMINAR	Seminar on Indian constitution	03.05.2024	63

13	Mr Saravanan kumar V	SEMINAR	First aid	02.05.2024	63
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18. Details of the Faculty Members who attended Training on both Industry and Academia

S. No.	Date	Name of the Faculty	Name of the Industry	Outcomes of the visits
1	25.3.2024	Mr V Saravanakumar	TATA advance centre, Coimbatore	Learned the latest 3D printing technologies
2	to 30.3.2024	Mr T Arulmozhinathan		

19.Details of the Faculty Members who participated in FDP/Seminar/Workshop/STTP/ Training program.

S.No.	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
Workshops					
NIL					
Seminars					
NIL					
FDP					
1	Mr.R.Saravanan	Jan - April 2024	The joy of computing using python	NPTEL -AICTE	Online
		Feb-April	Research methodology	NPTEL -AICTE	Online
2.	Mr.K.Manojkumar	Feb-April	Research methodology	NPTEL -AICTE	Online
3	Dr M.Ganesh	Feb-April	Research methodology	NPTEL -AICTE	Online
4	Mr.T.Arulmozhinathan	Feb-April	Research methodology	NPTEL -AICTE	Online
5	Mr.K.K.Arunrajaa	Feb-April	Research methodology	NPTEL -AICTE	Online
STTP					
1	Mr. Saravanan R	24.04.2024 to 10.05.2024	Exploration of the Solar System	ISRO	Online

2	Mr. Saravana Kumar V	24.04.2024 to 10.05.2024	Exploration of the Solar System	ISRO	Online
3	Mr. Manoj Kumar K	24.04.2024 to 10.05.2024	Exploration of the Solar System	ISRO	Online
4	Dr.M.Ganesh	24.04.2024 to 10.05.2024	Exploration of the Solar System	ISRO	Online
5	Mr. Arulmozhinathan T	25.03.2024-30.03.2024	Additive Manufacturing	Govt.ITI	Coimbatore
6	Mr. Saravana Kumar V	25.03.2024-30.03.2024	Additive Manufacturing	Govt.ITI	Coimbatore
7	Dr. Gopinathan V T	17.01.2024-30.01.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
8	Mr. Tamilvendan D	19.02.2024-28.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
9	Mr. Saravanan R	19.02.2024-28.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
10	Mr. Manoj Kumar K	01.02.2024-10.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
11	Mr. Saravana Kumar V	19.02.2024-28.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
12	Dr.P.N.karthikeyan	15.02.2024-24.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
13	Dr. M Ganesh	15.02.2024-24.02.2024	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online

14	Mr. Arun Raja K K	15.02.202 4- 24.02.202 4	NEP 2020 Orientations & Sensitization Program	UGC-MMTTP	Online
Trainings					
1	Dr. P N Karthikeyan	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
2	Dr. M Ganesh	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
3	Mr. Veeramanikandan R	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
4	Ms. Shabana A	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
5	Mr. Saravanan R	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
6	Mr. Arun Raja K K	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
7	Mr. Manoj Kumar K	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
8	Mr. Sivaraman S	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
9	Mr. Arulmozhinathan T	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
10	Mr. Magesh Kumar M	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
11	Ms. Shyamila S P	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
12	Mr. Saravana Kumar V	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
13	Mr. Tamilvendan D	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
14	Mr. Pramodass C	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore
15	Mr. Kathirvel K	27.10.202 3	Data Analytics using Microsoft Excel	HICET	Coimbatore

20. Details of Online courses completed by the Faculty Members

S. No	Name of Staff	Duration	Title of the Course	Platform (NPTEL / Coursera / other Online Courses)	Remarks
1	Mr. Saravanan R	8 weeks	Research Methodology	NPTEL	COMPLETED
2	Mr. Manoj Kumar K	8 weeks	Research Methodology	NPTEL	COMPLETED
3	Mr. Arulmozhinathan T	8 weeks	Research Methodology	NPTEL	COMPLETED
4	Dr. Ganesh M	8 weeks	Research Methodology	NPTEL	COMPLETED
5	Mr. Arun Raja K K	8 weeks	Research Methodology	NPTEL	COMPLETED
6	Mr. Saravanan R	12 weeks	The joy of Computing using Python	NPTEL	COMPLETED

21. Details of Papers/ Journal Publications /conferences.

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN/ISBN		Reviewer	
		International	National	State	International	National	State	Books	Articles	National	International
1	Dr Gopinathan V T	1	-	-	2	1	-	-	-	-	2

2	Dr Karthikeyan P N	-	-	-	1	-	-	-	-	-	-
3	Saravanan R	1	-	-	2	-	-	-	-	-	-
4	Tamilvendan D	1	-	-	1	-	-	-	-	-	-
5	Arulmozhinathan T	-	-	-	-	1	-	-	-	-	-
6	Kathirvel K	1	-	-	-	-	-	-	-	-	-
7	Arun Raja K	1	-	-	-	-	-	-	-	-	-
8	Manoj Kumar K	1	-	-	-	-	-	-	-	-	-

* Proof of First page of Journal details are to be attached separately

22. Number of Academic support staff (technical) and administrative staff

S. No	Name	Designation	Qualification	Experience
1.	Mr. Madhusoodhanan.T.K	Aircraft Technician	DME	26
2.	Mr. Senthilkumar.S	Junior Hardware Engineer	DCT	16
3.	Mr. Murugan.G.A	Attender	SSLC	13
4.	Mr. Krishnan R	Lab Technician	DME	11
5.	Mr. Sivakumar P	Lab Technician	ITI	19

23. MOU's Details

S. No	Name of the Company	Year of MOU signed	MOU Policy Details
1.	METZ Heat Treaters Pvt. Ltd., Coimbatore	01.06.2023	Internship, Placement, curriculum development, faculty training etc.
2.	Vibrant NDT services Pvt. Ltd., Chennai	01.06.2023	
3.	DE DRONE WORLD SOLUTIONS PVT LTD, Madurai.	30.06.2023	

24. Details of Department club Activities

S.No	Name of the Club	Name of faculty in charge for the club	Activities of the club
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1.	UAV Club	Mr V Saravanakumar	Awareness Program, Workshop & webinar
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25. Academic Toppers Details

S. No	Name of the Student	Class & Section	Percentage
1.	Rajakeerthani S	IV AERO B	9.11
2.	Aashik Hilahi B	IV AERO A	9.03

26. Student Placement Details

Total number of students	Total number of eligible students	Total number of placed students	Percentage of Placed
80	49	40	81.6

* List are to be attached separately

27. Student Higher Studies Details

Number of students doing higher studies (UG to PG)	Number of students doing higher studies (PG to PhD)	Number of students inside India	Number of students outside India
2	-	1	1

* List are to be attached separately

28. Student as Entrepreneur Details

Entrepreneur after UG	Entrepreneur after PG	Percentage of Entrepreneur in total outcome of students
-	-	-

* List are to be attached separately

(II) CURRICULAR ASPECTS

1. Year in which the present syllabi have been revised: **2022**

2. Course / Topics included in the revised syllabus: Yes

3. Curriculum & Syllabus standard on par with National/International standard benchmark following CBCS, OBE, and Blooms Taxonomy concepts: Yes

4. Name of the Benchmark Institution referred: Yes

5. Is the overall curriculum and Syllabus focused towards Institutional Graduate Attributes:
Yes

S.NO	Descriptions	Y/N
1	Standard of the syllabi	Y
2	Relevance of the syllabus for Industrial Need	Y
3	Standard of Electives	Y
4	Standard of Learning resources used	Y
5	Course Objectives and Outcomes	Y
6	Mapping done on par with Course Outcome	Y
7	Focus of curriculum and Syllabus towards Institutional Graduate Attributes	Y
8	Standard of Counselling records	Y
9	Industrial visits up to the mark of need based technology	Y
10	Digital tool usage in syllabi	Y
11	Consulting Industrial experts to frame curriculum and Syllabus	Y
12	Consulting Academic experts to frame curriculum and Syllabus	Y
13	Consulting Alumni to frame curriculum and Syllabus	Y

(III) TEACHING, LEARNING AND EVALUATION

S.NO	Descriptions	Y/N
1	Academic Calendar	Y
2	Allotment of teaching Hours for each subject is sufficient	Y
3	Maintenance of log book	Y
4	Standard of delivering the lectures by the staff members	Y
5	Sufficient number of assignment/seminars delivered by the students in each subject	Y
6	List of Learning resources available	Y

7	Coverage of the syllabus in time	Y
8	Content beyond the syllabus	Y
9	Usage of ICT tools	Y
10	Mapping done on par with Program outcomes and Course Outcomes	Y
11	Mapping done on par with Program Specific outcomes and Course Outcomes	Y
12	Standard of Question paper	Y
13	Result analysis	Y
14	Is proper corrective action initiated	Y
15	Level of Remedial records	Y
16	Periodical department discussion of academic progress [Minutes of meeting]	Y
17	Industrial visits organized	Y
18	Special attention taken on slow learners/remedial record	Y
19	Feedback analysis	
	1.Parents Feedback	Y
	2.Students Feedback	Y
	3.Alumni Feedback	Y
	4. Employer Feedback	Y
	5. Employee Feedback	Y
	6.Academic Experts Feedback	Y

Outcome Based Education (OBE):

1. PO attainment: (for 2023 passed out students)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Target	2.25	1.89	1.69	1.66	1.75	1.38	1.32	1.95	1.62	1.76	1.56	1.5
Attainment	2.36	2.00	1.78	1.76	1.88	1.50	1.42	1.90	1.77	1.93	1.68	1.45

Gap Analysis:

- Serious effort are taken to improve the academic integrity of the students.
- Students are motivated to take part in NCC and NSS, which will improve the discipline and obedience.
- Students are encouraged to do higher studies, independent research and to expose themselves to recent technologies.

2. PSO attainment: (for 2023 passed out students)

PSOs	PSO1	PSO2
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Target	2.01	1.58
Attainment	2.15	1.73

Gap Analysis:

- Students are encouraged to learn the basics through online courses.
- Students are trained in design and analysis tools like CATIA, ANSYS and CREO with the support from industry experts

2. PEO attainment: (for 2020/2021 passed out students)

PEOs	PEO1	PEO2
Target	2.02	1.60
Attainment	2.04	1.72

Gap Analysis:

- Students are encouraged to do higher studies, independent research and to expose themselves to recent technologies.

(IV) INFRASTRUCTURAL FACILITIES

S.NO	Infrastructural facilities	Y/N
1	Adequate No. of Class Rooms/ Staff Room	Y
2	Adequate No. of books	Y
3	Adequate No. of Periodicals/Journals	Y
4	Adequate No. of Teaching Aids	Y
5	Adequate No. of Computers in the Lab	Y
6	Adequate Laboratory Equipment and facilities	Y
7	Adequate Budget/ Fund allotted to the Department	Y

1. Details of the laboratories in the department

S.No.	Name of the Laboratory	Area (m ²)
1.	Computer Laboratory	121.42
2.	Aircraft Structures Laboratory	181.32
3.	Thermodynamics Laboratory	151.15
4.	Aircraft Design Laboratory	151.37
5.	Aero Engine and Airframe Laboratory	156

6.	Strength of Materials Laboratory	153.34
7.	Aerodynamics Laboratory	156
8.	Propulsion Laboratory	156
9.	Aircraft Systems Laboratory	278.8
10.	UAV and Aeromodelling Laboratory	151.37
Others (Research Labs / Centre of Excellence, etc.)		
Centre of Excellence on Drone Technology		

2. List of major equipment (value more than Rs.50, 000)

S. No	Name of the lab	Name of the Item/Equipment/ instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1.	Aerodynamics Laboratory	Computerized Slow speed Wind Tunnel	IND-Lab Equipments	1	914062	914062
2.	Aerodynamics Laboratory	Blower balance	Unique Lab Equipments	1	81491	81491
3.	Aerodynamics Laboratory	Water Flow channel with models	Unique Lab Equipments	1	60928	60928
4.	Aero Engine and Airframe Laboratory	TIG welding machine ITG180A	Centroid Engineers India Pvt. Ltd.	1	50500	50500
5.	Aero Engine and Airframe Laboratory	MIG Welding Machine model 280	Centroid Engineers India Pvt. Ltd.	1	84500	84500
6.	Aero Engine and Airframe Laboratory	Spot Welding machine MC8	Centroid Engineers India Pvt. Ltd.	1	51500	51500
7.	Aero Engine and Airframe Laboratory	Plasma cutting Machine	Centroid Engineers India Pvt. Ltd.	1	104000	104000
8.	Aero Engine and Airframe Laboratory	Cessna Aero Engine and Propeller	Teledyne Continental	1	700000	700000
9.	Aero Engine and Airframe Laboratory	Micro Scan Ultrasonic Flaw Detector	Maruthi Trading corporation	1	142088	142088
10.	Aircraft Structures Laboratory	Wagner Beam-Tension Beam Set up	DS Engineering Works	1	110000	110000

S. No	Name of the lab	Name of the Item/Equipment/ instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
11.	Aircraft Structures Laboratory	Constant strength Beam With Test Rig (slotted wt 2 kg 5nos	DS Engineering Works	1	60000	60000
12.	Aircraft Structures Laboratory	Shear centre for open section (slotted weight 200gms10 no.)	DS Engineering Works	1	50000	50000
13.	Aircraft Structures Laboratory	Shear Centre For Closed section beam section	DS Engineering Works	1	50000	50000
14.	Aircraft Structures Laboratory	UnSymmetrical Bending of Beam Set Up	DS Engineering Works	1	55000	55000
15.	Aircraft Structures Laboratory	Combined bending Experimental Set up(slotted Wt 2kgs10nos)	DS Engineering Works	1	50000	50000
16.	Aircraft Structures Laboratory	Polariscope(circular disc 3,Circular ring-3 Rectangular Bar 2nos wt 5 kg -1no 2 kg 2 no.	TECH-ED equipment Company	1	115731	115731
17.	Aircraft Structures Laboratory	Column testing Apparatus(MS-01brass01Al-01slotted Wt 500gms 20 no.	DS Engineering Works	1	75000	75000
18.	Aircraft Structures Laboratory	Electronic Panel unit With Load cell encoder suitable for UTM-400 KN	PSI Sales Private Limited, New Delhi	1	100000	100000
19.	Aircraft Structures Laboratory	Vibration set for vibration of beams	TMC Associates	1	91875	91875
20.	Strength of Materials Laboratory	Impact tester	AUTO Instruments	1	60200	60200

S. No	Name of the lab	Name of the Item/Equipment/ instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
21.	Strength of Materials Laboratory	Vickers hardness tester	TMC Associates	1	135000	135000
22.	Strength of Materials Laboratory	Brinell hardness tester	TMC Associates	1	66750	66750
23.	Strength of Materials Laboratory	Torsion Testing machine	TECH-ED equipment Company	1	86535	86535
24.	Strength of Materials Laboratory	Spring testing machine	TECH-ED equipment Company	1	61538	61538
25.	Strength of Materials Laboratory	Binocular metallurgical microscope & standard metallurgical microstructure	Unique Lab Equipment's	1	66086	66086
26.	Strength of Materials Laboratory	Universal Testing Machine	PSI Sales Private Limited, New Delhi	1	303764	303764
27.	Thermodynamics Laboratory	Twin cylinder four stroke diesel engine With Dynamometer	TECH-ED equipment Company	1	175000	175000
28.	Thermodynamics Laboratory	Air conditioner Trainer duct	TECH-ED equipment Company	1	76440	76440
29.	Thermodynamics Laboratory	Refrigeration tutor	TECH-ED equipment Company	1	80000	80000
30.	Propulsion Laboratory	Free jet wall jet experimental set up	DS Engineering Works	1	180000	180000
31.	Propulsion Laboratory	Free/forced convective heat transfer set up	DS Engineering Works	1	180000	180000

S. No	Name of the lab	Name of the Item/Equipment/ instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
32.	Propulsion Laboratory	Estimation of heat or combustion of fuel	DS Engineering Works	1	180000	180000
33.	Computer Lab	Computer monitor & CPU & Keyboard	Hewlett - Packard	1	1568061	1568061
34.	Computer Lab	CATIA V5 R18 software	Dassault	1	780000	780000
35.	Computer Lab	SOLID WORKS software	Dassault	1	121250	121250
36.	Aero Engine and Airframe Laboratory	Aero Engine CJ 610	Galaxy Commercials	1	1566536	1566536
37.	Propulsion Laboratory	Cascade Wind Tunnel	Almech Enterprises	1	750000	750000

3. Details of new labs established in the current academic year

S.No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
NIL						

4. Details of Laboratory records

S. No	Name of the Faculty/ Designation	Name of the Laboratory	Lab manual	Master Record of all the lab courses offered in the lab	Sample record note books	Lab capital register with a separate file for proposal, purchase order, bills and AMC	Lab consumable register with a separate file for proposal, purchase order and bills	Lab equipment preventive and breakdown maintenance register with proposal and bills
1	Arulmozhinathan T Assistant Professor	Computer Laboratory	YES	YES	YES	YES	YES	YES
2	Ganesh M Associate Professor	Aircraft Structures Laboratory	YES	YES	YES	YES	YES	YES
3	Kathirvel K Assistant Professor	Thermodynamics Laboratory	YES	YES	YES	YES	YES	YES
4	Arulmozhinathan T Assistant Professor	Aircraft Design Laboratory	YES	YES	YES	YES	YES	YES

5	Manojkumar K Assistant Professor	Aero Engine and Airframe Laboratory	YES	YES	YES	YES	YES	YES
6	P N Karthikeyan Professor	Strength of Materials Laboratory	YES	YES	YES	YES	YES	YES
7	Saravanan R Assistant Professor	Aerodynamics Laboratory	YES	YES	YES	YES	YES	YES
8	Arun Raja K K Assistant Professor	Propulsion Laboratory	YES	YES	YES	YES	YES	YES
9	Tamilvendan D Assistant Professor	Aircraft Systems Laboratory	YES	YES	YES	YES	YES	YES
10	Saravanakumar V Assistant Professor	UAV and Aeromodelling Laboratory	YES	YES	YES	YES	YES	YES

5. Present details of departmental infrastructural & other facilities with regard to Departmental Library (Vol., books, journals etc.)

Books	Journals	
	International	National
218 (Titles) 283 (Volumes) 3 (References)	61 (E - Journals)	12

* List of Journals are to be attached separately

(V) STUDENT SUPPORT, PARTICIPATION AND PROGRESSION

S. No	Description	Y/N
1	The student's grievances record	Y
2	Counselling by outside source	Y
3	Committee for prevention of ragging (Dept. /college) ?	Y
4	Efforts taken for placement of students - Placement	Y
5	Students awareness of competitive avenues like GATE,CSIR, various entrance examinations for Ph.D. admission and students fellowships	Y
6	Register for alumni of the department with their addresses-Alumni register	Y
7	Class Committee Meeting	Y
8	Peer Group Meeting	Y
9	Coaching for students for skills training by outside experts/by teachers	Y

1. Year-wise results of students at UG and PG (last 3 years) (Separate table for UG and PG)

Year		UG	Appeared	Passed	Pass %
IV	2022-2023 (EVEN SEM)	B.E	75	74	98.6
III		B.E	76	54	71
II		B.E	60	41	68.3
IV	2022-2023 (ODD SEM)	B.E	75	62	83
III		B.E	78	50	64
II		B.E	61	35	57.4
IV	2021-2022 (EVEN SEM)	B.E	100	97	97
III		B.E	76	57	75
II		B.E	79	45	57
IV	2021-2022 (ODD SEM)	B.E	100	87	87
III		B.E	77	65	84
II		B.E	80	80	100
IV	2020-2021 (EVEN SEM)	B.E	104	73	70.19
III		B.E	99	96	97
II		B.E	77	68	88
IV	2020-2021 (ODD SEM)	B.E	104	91	87.5
III		B.E	99	87	88
II		B.E	77	56	73

2.Awards and Prizes received by students at various events conducted at University, state, national and international level

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
1.	720722101008	ANISH BAGULEYA N M	15.03.2024	THIRD	National	CONVERGENCE-2024 RUBBER POWERED GLIDER NEHRU INSTITUTE OF TECHNOLOGY
2.	720722101008	ANISH BAGULEYA N M	15.03.2024	FIRST	National	CONVERGENCE-2024 AERO HUNT NEHRU INSTITUTE OF TECHNOLOGY
3.	720722101031	LOKESH M	28.04.2024	FIRST	National	DHANAK-2024 INQUIZITION 2K24 IIST
4.	720722101031	LOKESH M	15.03.2024	THIRD	National	CONVERGENCE-2024 RUBBER POWERED GLIDER NEHRU INSTITUTE OF TECHNOLOGY
5.	720722101055	SARAN MS	15.03.2024	THIRD	National	CONVERGENCE-2024 RUBBER POWERED GLIDER NEHRU INSTITUTE OF TECHNOLOGY
6.	720722101059	SIVABALAN S	15.03.2024	FIRST	National	SPORTS VOLLEYBALL SREC ENG COLLEGE
7.	720722101016	DEEPIKA C P	15.03.2024	THIRD	National	CONVERGENCE-2024 RUBBER POWERED GLIDER NEHRU INSTITUTE OF TECHNOLOGY
8.	720722101016	DEEPIKA C P	15.03.2024	FIRST	National	CONVERGENCE-2024 AERO HUNT NEHRU INSTITUTE OF TECHNOLOGY
9.	720722101053	SALAM RAHEES	20.10.2023	THIRD	National	PAPER PRESENTATION TECHFINIX'23 PAAVAI ENG COLLEGE

10.	72072210106 0	SIVARAM Y	19.10.2023	THIRD	National	PAPER PRESENTATION TECHFINIX'23 PAAVAI ENG COLLEGE
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3. Details of students projects /Funds

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
1.	Arunprasath S	IV AERO A	Noise Insulation Using Sugarcane Bagasse Fibre Composite Material	Y	10,000
2.	Ajay G	IV AERO A			
3.	Ajithkumar M	IV AERO A			
4.	Vasanth kumar R	IV AERO B			
5.	Saeed Bin Ahmed Kabeer	IV AERO B	Development Of Space Rover Power Efficiency From Solar In Longitudinal Direction	Y	10,000
6.	Sajil Sanath	IV AERO B			
7.	Abinave K Rajesh	IV AERO A			
8.	Pravin A	IV AERO A			

4. Details of students scholarship

S. No	Name of the Student	Class	Type of the Scholarship	Scholarship provided organization details	Amount in (Rs.)
1.	Raguramraj S	II AERO	PMSS	Govt	55000
2.	Thuviksha P	III AERO	PMSS	Govt	55000
3.	Yogesh J	III AERO	PMSS	Govt	55000
4.	Vetrivel	III AERO	PMSS	Govt	55000
5.	Amarthiyasen	IV AERO A	PMSS	Govt	55000
6.	Bharathi	III AERO	7.5 Category	Govt	Full fees
7.	Raghul	III AERO	7.5 Category	Govt	Full fees
8.	Silambarasan	IV AERO B	PMSS	Govt	55000
9.	Sanjay S	IV AERO B	PMSS	Govt	55000
10.	Dhamotharan	IV AERO A	PMSS	Govt	55000
11.	Yoganandh	IV AERO B	PMSS	Govt	55000

5. Details of industrial visits organized for the students

S. No	Date	Name of the Company	Class	No. of participants	Outcomes of the visits
1.	22.04.20 24	U R Rao Satellite Centre, ISRO, Bengaluru.	III AERO	58	Gained knowledge in Rocket systems.

2.	12.06.20 24	SULUR AIRFORCE, Coimbatore	II AERO	63	Gained knowledge in Aircraft systems and components
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6. Details of Internship for the students

S. No	Class	Name of Students	Name of Company	Duration	Outcomes of the intern
1.	III year	ABDUL ASIF A	DE DRONE WORLD PVT LTD, Coimbatore	21	Learning industry environment and practices, experiential learning
2.	III year	ABHINAV C	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	24	
3.	III year	AHAMED YASIN T S	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	24	
4.	III year	AJAY E	SKY AEROSPACE BANGALORE	14	
			VIBRANT NDT SERVICES COIMBATORE	28	
5.	III year	ANCILIN PRASAD F	SKY AEROSPACE BANGALORE	14	
			SHANS CARGO PVT.LTD.THIRUPPUR	7	
6.	III year	ARMEN RIJO S	THOMAS AERO , THIRUVANANTHAPURAM	21	
			THOMAS AERO , THIRUVANANTHAPURAM	10	
7.	III year	ARULSELVAN R	SKY AEROSPACE BANGALORE	14	
			KARMEGAM ENGINEERING WORKS, KARUR	21	
8.	III year	ASHNA ANTONY	SKY AEROSPACE BANGALORE	21	
9.	III year	ASHOK K S	HINDUSTAN AERONAUTICS LIMITED, BANGALORE	30	
			SKY AEROSPACE, BANGALORE	14	
10.	III year	ATHILAKSHMI S	DE DRONE WORLD PVT LTD, Coimbatore	10	
			SKY AEROSPACE, BANGALORE	14	
11.	III year	BHAGAVATHI S	SKYRIDER AEROSOLUTION,CHENNAI	12	
			SKYRIDER AEROSOLUTION,CHENNAI	14	
12.	III year	BHARANIDHARAN S	DE DRONE WORLD PVT LTD, Coimbatore	24	
13.	III year	BHARATHI T	Design Galaxy Engineering Services and Training,Coimbatore	21	
14.	III year	DHANISH L	DE DRONE WORLD PVT LTD, Coimbatore	24	
15.	III year	DHARUNSHIYA B	DE DRONE WORLD PVT LTD, Coimbatore	15	
			NSIC - Technical Service Center,Chennai	6	
16.	III year	DISHANTH K	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	24	
17.	III year	DON C ABIHAIL	HINDUSTAN AERONAUTICS LIMITED, BANGALORE	30	
18.	III year	FRANCIS EMMANUEL G S	SKY AEROSPACE BANGALORE	14	
19.	III year	GAJENDIRAN I	SKY AEROSPACE BANGALORE	24	

20.	III year	GODWIN V	SKY AEROSPACE BANGALORE	14
			SKYRIDER AEROSOLUTION,CHENNAI	14
21.	III year	HARIVASANTH P	SKY AEROSPACE BANGALORE	14
			Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
22.	III year	JAGAN J	STEEL AUTHORITY OF INDIA LIMITED, SALEM	13
			UNITOS AERO DRONE SOLUTIONS, SALEM	8
23.	III year	JAIVIGNESH K	SKYRIDER AEROSOLUTION,CHENNAI	21
24.	III year	JANAKI R	DE DRONE WORLD PVT LTD, Coimbatore	10
			Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
25.	III year	JISNA JOY	SKY AEROSPACE BANGALORE	21
26.	III year	KAMALESH G V	DE DRONE WORLD PVT LTD, Coimbatore	21
			CASR, MADRAS INSTITUTE OF TECHNOLOGY	10
27.	III year	KRISHNAPRASAD P B	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	24
28.	III year	MADHUGOPAL S K	DE DRONE WORLD PVT LTD, Coimbatore	21
29.	III year	MAYIL RAJ B	Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
			SKY AEROSPACE BANGALORE	14
30.	III year	MOHAMED JAFFER	SKYRIDER AEROSOLUTION,CHENNAI	12
			SKYRIDER AEROSOLUTIONS,CHENNAI	14
31.	III year	MOHAMED RASHITH M	SKYRIDER AEROSOLUTION,CHENNAI	10
			DURGA TECH, COIMBATORE	14
32.	III year	MOHAMMED HASHIR	ISRO (START) Bangalore	18
			GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	21
33.	III year	MOHAMMED ISMAIL S	DE DRONE WORLD PVT LTD, Coimbatore	21
34.	III year	MUHAMMED ROSHAN E K	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	21
35.	III year	MUKUNTHAN T	DURGA TECH, COIMBATORE	21
36.	III year	NAVIN BABU	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	21
37.	III year	NAVINKUMAR A	Design Galaxy Engineering Services and Training,Coimbatore	24
38.	III year	NIDHIN SAMUEL	Jet Aerospace Aviation Research Center, Palakad	15
			Jet Aerospace Aviation Research Center, Palakad	17
39.	III year	NISINTHKUMAR S	Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
			SKY AEROSPACE, BANGALORE	14
40.	III year	PRABAHARAN S	SKYRIDER AEROSOLUTION,CHENNAI	10
			SKYRIDER AEROSOLUTION,CHENNAI	14
41.	III year	PRAVEEN V	DURGA TECH, COIMBATORE	
			DE DRONE WORLD PVT LTD, Coimbatore	
42.	III year	PRAVEEN V	KARMEGAM ENGINEERING WORKS, KARUR	21
43.	III year	RAGUL V	Sri Arunachalam Industries, Padi,Chennai	27
			CASR, MADRAS INSTITUTE OF TECHNOLOGY	10

44.	III year	RIZVAN UMMER	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	21
45.	III year	RUPESH G	SRINIVASA INDUSTRIES, CHENNAI	19
			CASR, MADRAS INSTITUTE OF TECHNOLOGY	10
46.	III year	SHANMUGA GANKATHARAN A	SKYRIDER AEROSOLUTION,CHENNAI	14
			SKY AEROSPACE BANGALORE	14
47.	III year	SHYAM KUMAR S	SKY AEROSPACE BANGALORE	14
			Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
48.	III year	SUBASH S	SKY AEROSPACE BANGALORE	14
			Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
49.	III year	SURYA D	SKY AEROSPACE BANGALORE	14
			Vibrant NDT Services Pvt.Ltd.,Coimbatore	28
50.	III year	THUVIKSHA P	DE DRONE WORLD PVT LTD, Coimbatore	10
			NSIC - Technical Service Center,Chennai & Sanjay Ghodawat University, Kolhapur	11
51.	III year	VEERAMANI J	SKY AEROSPACE BANGALORE	14
			Sanjay Ghodawat University, Kolhapur & Karunya Workshop	7
52.	III year	VETRIVEL S	SKY AEROSPACE BANGALORE	24
53.	III year	VINAYAK S KUMAR	GOVERNMENT FLYING TRAINING SCHOOL,BANGALORE	21
54.	III year	YOGESH J	DE DRONE WORLD PVT LTD, Coimbatore	21
			ISRO - Propulsion Complex	12
55.	III year	DINESH KUMAR M	Shinith Tech , Coimbatore	21
56.	III year	VAIRAVAN K	SKYRIDER AEROSOLUTION,CHENNAI	12
			DURGA TECH, COIMBATORE	15

7. List the distinguished alumni of the department (At least one alumnus per batch)

S. No	Batch	Name of Alumni	Designation	Name of organization/Company
1.	2005-2009	Mr Bala Muralidharan M	Scientist	DRDL, Bengaluru
2.	2006-2010	Dr. Immanuvel Paul	Assistant Professor	Khalifa University, Abu Dhabi, UAE
3.	2007-2011	Mr Praveen B	Design Engineer	Rolls Royce, Germany
4.	2008-2012	Mr Jayaparthan J	Lead Engineer	Airbus, Bengaluru
5.	2009-2013	Mrs Priyanka E	Design Engineer	HAL, Bengaluru
6.	2010-2014	Mr Rohan M Ganapathy	CEO	Bellatrix Aerospace
7.	2011-2015	Ms Rajalakshmi	DSP	Tamilnadu Government
8.	2012-2016	Mr Gokul V	CAE Analyst	Tata Consultancy Services
9.	2013-2017	Mr Raja Ram P	Software Engineer	Cognizant Technology Solutions
10.	2014-2018	Mr Prasanth S	Associate Engineer	Sonovision Aetos Technical Services Pvt Ltd
11.	2015-2019	Mr Angeetha M	Software Engineer	L & T InfoTech
12.	2016-2020	Mr Raja Mohammed	Software Engineer	Cognizant Technology Solutions
13.	2017-2021	Mr Srihari M	Engineer	Ramco Aviation Pvt Ltd.
14.	2017-2021	Mr. Ajay G	Sub Lieutenant	Indian Navy
15.	2018-2022	Mr Sri Balaji S	Software Developer	Cognizant Technology Solutions

8. Drop out Student Details:

S.No	Name of the Student	Year of Drop out	Reason for the Drop out
1	Kalpana Chawla S (720721101028)	III Year	Family Issue

2	Dhilip Kumar S (720721101801)	III Year	Family Issue
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(VI) ACADEMIC SUPPORT ACTIVITIES

S. No	Description	Y/N
1	Graduate Exit Survey	Y
2	Course Exit Survey	Y
3	CO/PO attainment level	Y
4	Course Information Sheet	Y
5	Course File	Y
6	Time Table File	Y
7	Department Newsletter	Y
8	External Experts visits to the Department	Y
9	Discipline Committee	Y
10	Department Budget File	Y
11	Elective/Open Elective File	Y
12	Department Minutes of Meeting File	Y
13	Best Practices	Y
14	Department Extension Activities	Y
15	First aid supplies in department	Y

SWOC ANALYSIS

Detail major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength	Weakness
<ol style="list-style-type: none"> 1. Strong academic system and industry partnerships 2. Highly qualified and experienced faculty members 3. Keeping the curriculum up-to-date with industry requirements 4. Improved core placements 5. Strong alumni network 	<ol style="list-style-type: none"> 1. To translate projects into products. 2. R&D Activities need to be improved. 3. Faculty Ph.D. registration need to be improved.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. Indigenous product development and startup opportunities through Coimbatore Defence corridor 2. Multidisciplinary research and consultancy projects with R&D labs/industries 3. International students exchange programs & PG Programs 	<ol style="list-style-type: none"> 1. Keeping up with technological Advancements in aerospace technology. 2. Commercializing patents through ToT.

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 11/7/2024



V.T.

Head of Department with seal

Dr. V.T. GOPINATHAN, M.E., Ph.D.,

Associate Professor & Head

Department of Aeronautical Engineering
Hindusthan College of Engineering & Technology

Coimbatore-641032

Hindusthan College of Engineering and Technology
Coimbatore - 641 032

Observations :-

1. Questions bank must be in COE template.
2. Topics or content beyond the file should be provided separately in course file.
3. Activities conducted related to course must be included in course file.
4. Slow learners must be maintained in course file.

Academic Audit team :

Signature of the team with date :

Dr. N.P. ANANTHAMOORTHY, M.E., Ph.D.,
Professor and Head
Electrical and Electronics Engineering
Hindusthan College of Engineering and Technology
Coimbatore - 641 032, Tamil Nadu.

Action Taken Report by Department:

1. Faculty member modified Question bank according to CDE office template.

Topic covered beyond syllabus was provided separately and HOD verified the same.

Activities conducted related to subject course are included in course file and HOD verified the same.

How learned material was included in course file and HOD verified the same.
External Auditor: S. Balasubramanian
18/9/2024

Dr. S. BARAMURUGAN
Professor and chairman - EEE
Amrita Vidyalayam
Coimbatore - 641112.



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Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA

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ACADEMIC AUDIT WITH ACTION TAKEN REPORT

ACADEMIC YEAR :2023-2024



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Ref: HICET/AA/AY 2024-2025/07

03.07.2024

CIRCULAR

As the Academic Audit for the AY 2023-2024 is scheduled on 15.07.2024 & 16.07.2024, the following various departments are requested to submit the final copy of documents to EEE department on or before 13.07.2024.

S.NO	Department to the Audited	DATE	Name of the Auditors
1	AERO	15.07.2024	Dr.N.P.Ananthamoorthy / Professor and HoD/EEE
2	AUTO		Dr.S.Shankar Professor and HoD/CSE
3	CIVIL		Dr.P. Vijayalakshmi Professor and HoD/ECE
4	CSE		Dr. Sabrigiriraj M Professor and HoD/IT
5	EEE		Dr..Anand / IQAC Co-ordinator
6	ECE		Dr. Siva Kathirvelsamy Professor and HoD/MECH
7	E&I		Dr. Gopinathan V T Professor And Hod/AERO
8	MECH		Dr.Akil K Professor and HoD/CIVIL
9	MECT		Dr.Sabarinathan Professor and HoD/AUTO
10	IT		Dr.P.T.Saravanakumar Professor and HoD/
11	AGRI	16.07.2024	Dr Saravana Sundaram . Professor and HoD/BME
12	BME		Dr.N.Sridhar Professor and HoD/AGRI
13	CHEM		Dr.G.Jeevarathinam Professor and HoD/FT
14	FT		Dr.M.Seenuvasan Professor and HoD/
15	AIML		Dr.K.P.Uma Professor and HoD/
16	S&H		Dr.N.P.Ananthamoorthy / Professor and HoD/EEE



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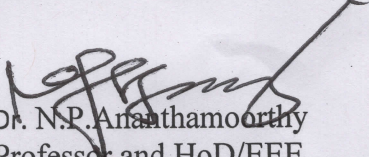
Ref: HICET/AAR/AY 2024-2025/08

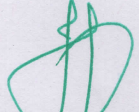
17/7/2024

CIRCULAR

As the internal Academic Audit (AY 2023-2024) is completed on 15.07.2024 and 16.07.2024, heads of the department are requested to prepare the Action Taken Report.

In this connection, an external audit is scheduled on 18.07.2024. Kindly prepare all the necessary documents for the smooth with the external audit for the smooth conduct of external Audit.


Dr. N.P. Ananthamoorthy
Professor and HoD/EEE
Co-Ordinator


PRINCIPAL

To

Deans/Directors
All HoD's/CoE/All Establishments
Office Manager/Library Corporatr Cell/Physical Director
File

Copy to

The Managing Trustee
The CEO



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Tel: +91 422 4242424

ACADEMIC AUDIT (Academic year: 2023 - 24)

(All details should be given only for the Academic year: 2023-24)

July 2023 - June 2024

Name of the Department : CIVIL ENGINEERING

Year of Establishment : 2009

Programmes offered by the Department:

UG & Year of Establishment	PG & Year of Establishment
B.E. CIVIL ENGINEERING - 2009	-

VISION

- To be recognized globally for pre-eminence in Civil Engineering education, research and service

MISSION

- To impart scientific and technical knowledge for professional practice, advanced study and research in Civil Engineering
- To equip the students with ingenious leadership and organizational skills for a successful professional career
- To inculcate professional and ethical responsibilities related to industry, society and environment

OBJECTIVES SET BY THE DEPARTMENT

Program Educational Objective (PEO)

The graduates will be able to:

- **PEO1:** Excel as practicing engineers, academicians and researchers with a comprehensive knowledge in Civil Engineering
- **PEO2:** Play a significant role as team players and leaders in challenging environments for nation's infrastructure development, environmental protection and sustainability
- **PEO3:** Uphold professional and ethical responsibilities as engineers, consultants and entrepreneurs while addressing the demands of the society

Program Outcomes (PO)

Engineering Graduates will be able to:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
- 3. Design / development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

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

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

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

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Program Specific Outcomes (PSO)

The graduates will be able to:

- **PSO1:** Apply their engineering knowledge, communication skills, professional and ethical principles to solve problems in civil engineering and contribute to the infrastructure development in a sustainable way
- **PSO2:** Use their engineering background to excel in competitive exams for advanced study, research and professional career

(I) GENERAL INFORMATION OF THE DEPARTMENT

1. Head of the Department : Dr. K. Akil
2. Admission Details (UG and PG separately) for the last 3 years

S. No	Year	Intake	Admitted
UG			
1	2021 - 2022	60	63
2	2022 - 2023	60	58
3	2023 - 2024	60	59
PG			
1	-	-	-
2	-	-	-

3. Number of Students (Current Academic Year: 2023-2024)

UG	I Year:	56	II Year:	66	III Year:	66	IV year:	64
PG	I Year:		II Year:					

Based on Gender				
	Year	Male	Female	Total
UG	I year	53	03	56
	II year	60	06	66
	III year	63	03	66
	IV year	61	03	64
	PG	I year	-	-
	II year	-	-	-

Based on Territory				
UG	Year	Tamil Nadu	Other States	Total
	I year	-	-	-
	II year	56	10	66
	III year	56	10	66
	IV year	52	12	64
PG	I year	-	-	-
	II year	-	-	-

Based on Community										
UG	Year	OC	BC	BCM	MBC	SC	SCA	ST	DNC	Total
	I year	2	27	2	15	6	4	-	3	59
	II year	1	31	9	5	12		-		66
	III year	8	32	6	16	4		-		66
	IV year	5	31	7	12	8		1		64
PG	I year	-	-	-	-	-		-		-
	II year	-	-	-	-	-		-		-
	III year	-	-	-	-	-		-		-

3. Number of the Faculty Members

Sanctioned	Male	Female	Total
Existing	12	4	16

Designation	Required as per norms	Available	Vacant if any
Professor	1	4	-
Associate Professor	2	1	-
Assistant Professor	9	11	-
Total	12	16	-

5. Faculty profile with name, qualification, designation and experience

S. No	Name of the Faculty	Qualification	Designation	Years of Experience
1	Dr. Akil K	M.E., Ph.D.	Prof. & Head	23.7
2	Dr. Deepa Shri S	M.E., Ph.D.	Professor	17.6
3	Dr. Chandrasekaran P	M.E., Ph.D.	Professor	36.1
4	Dr. Karunanidhi D	M.Sc. M.Phil., Ph.D.	Professor	15.3
5	Dr. Karthik D	M.E., Ph.D.	Associate Professor	7.9
6	Mr. Senthil Kumar R	M.E.(Ph.D.)	Assistant Professor	14.8
7	Ms. Saraswathi K	M.E.(Ph.D.)	Assistant Professor	15.1
8	Mr. Alex Livingston Raja A	M.E.	Assistant Professor	15
9	Mr. Suresh V	M.E.	Assistant Professor	11.8
10	Mr. Dinesh Kumar M	M.E.	Assistant Professor	8.9
11	Mr. Logan Durai M	M.E.	Assistant Professor	10.3
12	Ms. Priyadarshini R	M.E.	Assistant Professor	7
13	Mr. Siddharth K	M.E.	Assistant Professor	8.8
14	Mr. Parthasaarathi R	M.E.(Ph.D.)	Assistant Professor	9.4
15	Mr. Sakthivel R	M.E.(Ph.D.)	Assistant Professor	8.8
16	Mr. Poomalai R	M.Tech.	Assistant Professor	10.9

6. Number of the Faculty Members awarded in the current Academic Year

	Full Time	Part Time	Total
PDF			
PhD			
Recognized Guides			04
Others			

7. Number of Faculty Members Pursuing in the current Academic Year

	Full Time	Part Time	Total
PDF			
PhD		04	04
Recognized Guides			04
Others			

8. List of visiting Fellows/ Adjunct Faculty

S. No	Name of visiting /Teachers, Adjunct and Emeritus Professors	Designation/Address
1.	Mr. P. Karthikeyan	Managing Director PACE Group of companies Coimbatore

9. Membership details of Faculty Members

S. No	Name of Faculty	Membership in professional bodies	Membership Number
1)	Dr. Akil K	Indian Society for Technical Education	LM34109
		The Institution of Engineers (India)	F-1295906
		Indian Concrete Institute	LM-13853
		The Indian Society for Hydraulics	LM1030
		Indian Water Works Association	LM7768
		Indian Water Resources Society	LM137418

		International Association of Hydrological Sciences	14234
		International Association of Engineers	111138
2)	Dr. Deepa shri S	Indian Society for Technical Education	-
		Indian Concrete Institute	-
		Indian Geotechnical Society	-
		International Association of Engineers	164284
		Indian Institute of Structural Engineers	-
		Indian Structural Engineers Association	-
3)	Dr. Chandrasekaran P	Indian Institute of Structural Engineers	-
		Indian Structural Engineers Association	-
4)	Dr. Karunanidhi D	Indian Society Remote Sensing	L3725
		Indian Society of Geomatics	L1310
		Association of Hydrologists of India	LM482-779
		Association of Global Groundwater Scientists	LM103
		Indian Association of Hydrologists	LM1956
		International Association of Hydrologist	-
5)	Dr. Karthik D	International Association of Hydrologist	-
		Indian Institute of Structural Engineers	-
		Indian Structural Engineers Association	-
6)	Ms. Saraswathi K	Indian Society for Technical Education	LM99003
		International Association of Engineers	130134
		International Association of hydrological sciences	-
7)	Mr. Senthil Kumar R	Indian Geotechnical Society	LM 3586
		Indian Society for Technical Education	LM 99002
		The Institution of Engineers (India)	AM 3058967
		International Association of Engineers	130136

8)	Mr. Alex Livingston Raja A	Indian Society for Technical Education	99004
		International Association of Engineers	130138
		International Association of Hydrological Sciences	14231
		Indian Geotechnical Society	-
		International Society for Environmental Information Services	-
		Ocean Futures Society	-
		Global Environmental Society	-
		National Geographic Society	-
9)	Mr. Suresh V	International association of hydrological sciences	-
		International Association of Engineers	150098
		Institution of Civil Engineers	210252
		Institute For Engineering Research and Publication	PM95272214
		The Institution of Engineers (India)	AM3258800
10)	Mr. Siddharth K	International Association of hydrological sciences	14882
		International Association of Engineers	156915
		International Safety Quality Environment Management Association	15M28357
		The Institution of Engineers (India)	AM 3058711
11)	Mr. Sakthivel R	International Association of Engineers	25270
		Institute for Engineering Research and Publication	PM95628143
		The Institution of Engineers (India)	AM 3058886
		Institute of Research Engineers and Doctors	AM2020092361
12)	Ms. Priyadharshini R	International Association of Engineers	252742
		Institute of Research Engineers and Doctors	SM101000602584
13)	Mr. Dinesh Kumar M	International association of Hydrological sciences	-
		International Association of Engineers	156905
		Institute For Engineering Research and Publication (IFERP)	PM95273186

		The Institution of Engineers (India)	AM3058673
14)	Mr. M. Logandurai	Ocean Futures Society	-
		Global Environmental Society	-
		National Geographic Society	-
15)	Mr. Pathasaarathi R	International Association of Engineers	174319
		Institute of Research Engineers and Doctors	SM101000602590
		Institute for Engineering Research and Publication	PM89305416
		International Association of Hydrological Sciences	-
16)	Mr. Poomalai R	Indian Society of Technical Society	LM-135989
		International Association of Engineers	318725
		International Association of Hydrological Sciences	1499
		The Institution of Engineers (India)	AM 3118345

10. Information about research grants, projects completed / ongoing during the period of **last 3 years** from National funding Agencies only (like AICTE, UGC, CSIR, DST, DBT, & others etc.,)

S. No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
	2023	Dr. Karunanidhi D	An integrated approach to perchlorate contamination in groundwater and its toxicological impact on human health: suggesting in-situ remediation in Arjunanadi River basin, Tamil Nadu	SERB	28,29,180/-	On going
	2022	Mr. S. Vivek	Hydro-Geo-Chemical Characterization and Assessment of Groundwater Quality in Tiruppur Taluk, Tiruppur District, Tamilnadu, India using GIS based Techniques	TNSCST Student Project	7,500/-	Completed
	2022	Mr. R. Sakthivel Mr. M. Dinesh kumar	Reuse of Non-Biodegradable Solid Waste as a Partial Replacement of Fine Aggregate in Concrete Blocks	HiCET Seed Money	50,000/-	Completed
	2022	Mr. R. Parthasaarathi Mr. R. Senthil kumar	Fiber Reinforced Pre-Stressed Concrete Beam to Rebel Three Load Factor	HiCET Seed Money	45,000/-	Completed

S. No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
	2023	Dr. Karunanidhi D	An integrated approach to perchlorate contamination in groundwater and its toxicological impact on human health: suggesting in-situ remediation in Arjunanadi River basin, Tamil Nadu	SERB	28,29,180/-	On going
	2022	Mr. S. Vivek	Hydro-Geo-Chemical Characterization and Assessment of Groundwater Quality in Tiruppur Taluk, Tiruppur District, Tamilnadu, India using GIS based Techniques	TNSCST Student Project	7,500/-	Completed
	2022	Mr. R. Sakthivel Mr. M. Dinesh kumar	Reuse of Non-Biodegradable Solid Waste as a Partial Replacement of Fine Aggregate in Concrete Blocks	HiCET Seed Money	50,000/-	Completed
	2022	Mr. R. Parthasaarathi Mr. R. Senthil kumar	Fiber Reinforced Pre-Stressed Concrete Beam to Rebel Three Load Factor	HiCET Seed Money	45,000/-	Completed

* List are to be attached separately

11. Awards / Prizes / recognitions received by teachers at national and international level / professional societies.

S. No	Name of Faculty	Date of Award	Name of the Award	Name of the Professional Society
1.	Dr. Akil K	2023	Committee Member	The Institution of Engineers (India), Coimbatore Local Chapter
2.	Dr. Akil K	2024	Chairperson	Indian Concrete Institute, Coimbatore Local Centre.
3.	Dr. Akil K	2023	Mentored the Team 1344	IIT Bombay FOSSEE Mapathon
4.	Dr. Akil K	2023	Coordinator for Intellectual Property Awareness Program under National Intellectual Property Awareness Mission	National IP Awareness Mission, Intellectual Property Office, India
5.	Mr. Senthil Kumar R	2023	Best Consultancy Project Award	National Teachers Day Awards 2023 HiCET
6.	Mr. Alex Livingston Raja A	2023	Coordinator for Intellectual Property Awareness Program under National Intellectual Property Awareness Mission	National IP Awareness Mission, Intellectual Property Office, India
7.	Mr. Alex Livingston Raja A	2023	Mentored the Team 2080	IIT Bombay FOSSEE Mapathon
8.	Mr. Sakthivel R	2023	Coordinator for Intellectual Property Awareness Program under National Intellectual Property Awareness Mission	National IP Awareness Mission, Intellectual Property Office, India
9.	Mr. Poomalai R	2023	Best Class Advisor Award	National Teachers Day Awards 2023 HiCET
10.	Mr. Siddharth K	2023	Innovation Ambassador – Advanced Level	MoE's Innovation Cell

12. Details of faculty members who acted as resource persons for Orientation courses, Seminars, Guest Lectures, Workshops, and Conferences at national and international levels (Outside the parent institutions)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	Mr. R. Parthasaarathi	14.03.2024 & 15.03.2024	Workshop on STAAD.Pro	Sri Krishna Polytechnic College	Coimbatore
2	Mr. R. Sakthivel	08.05.2024	Workshop on "Prototype/ Process design and development"	Pollachi Institute of Engineering and Technology	Pollachi

13. Participation of faculty members in various academic activities as members of committees at other Institutions like BoS, Academic Council, etc.,

S. No	Month & Year	Name of the Faculty Members	Name of the body / committee the teacher participated
		NIL	

14. Details of faculty members appointed/nominated on Editorial Boards of peer reviewed journals/ International conferences

S. No	Name of the Faculty Members	Name of Editorial Boards of peer reviewed journals & National/International conference
1	Dr. Karunanidhi D	Chemosphere-Reviewer
		Echo hydrology and Hydro Biology-Reviewer
		Environmental Research -Reviewer
		Groundwater for sustainable Development
		Heliyon-Reviewer
		Journal of Contaminant hydrology - Reviewer
		Journal of Environmental Management - Reviewer
		Journal of hazardous materials
		Journal of hydrology
		Journal of trace elements and minerals
		Water research
2	Mr. Parthasaarathi R	Fratturaed Integrita Strutturale – Reviewer
3	Mr. Sakthivel R	Revista Materia - Reviewer

15. Details of Number of Research Scholars Produced & Ongoing Details:

S.No.	Name of the Faculty	Awards			PhD		Projects		
		State	National	International	Produced	Ongoing	Major	Minor	Amount (in Rs.)
1	Dr. Chandrasekaran P				06	02			
2	Dr. K. Karunanidhi				-	03	01		28,29,180/-
3	Dr. K. Akil				-	02			
4	Dr. S. Deepashri				-	02			

16. Details of Seminars / Conferences/ Workshops /Guest Lectures organized by the faculty members with funding from Government / NGOs

S. No.	Faculty Coordinators	Conferences / Seminars / Webinars / Workshops / Guest Lectures	Title	Date	No. of Beneficiaries	Funding Agency
1	Mr. R. Sakthivel, Mr. R. Siddharth & Mr. A. Alex Livingston Raja	Celebration of National Pollution Control Day-2023 & Seminar	Let the Earth Breathe	18.12.2023	100	Management Rs. 2500/-
2	Mr. R. Sakthivel & Mr. R. Senthil Kumar	Workshop	Achieving Problem-Solution Fit & Product Market-Fit	07.02.2024	114	Management Rs. 2500/-
3	Mr. R. Sakthivel & Mr. R. Poomalai	Sponsored Lecture	Career Opportunities for Civil Engineers	16.03.2024	105	The Institution of Engineers (India) (IEI) Rs. 2500/-
4	Mr. A. Alex Livingston Raja & Mr. K. Siddharth	Symposium	National Level Technical Symposium - Renaissance '24	22.03.2024	External: 68 Internal: 196	Management Rs. 30000/-

17. Details of Seminars / Conferences/ Workshops /Guest Lecture organized by the Faculty Members (Not covered under Sl.No.16)

S. No.	Faculty Coordinators	Conferences / Seminars / Webinars / Workshops / Guest Lectures	Title	Date	No. of Beneficiaries
1	Mr. R. Sakthivel & Mr. R. Parthasaarathi	Seminar	Innovation, Start-up Opportunities	31.08.2023	100

2	Mr. A. Alex Livingston Raja	Workshop	Architectural Visualization and Virtual Reality in Civil Engineering	15.09.2023	74
3	Mr. R. Sakthivel, Mr. R. Senthil Kumar & Mr. R. Parthasaarathi	Workshop	Career Opportunities after Civil Engineering	18.10.2023	115
4	Mr. A. Alex Livingston Raja	Inauguration of Association of Civil Engineering Students (ACES) & Seminar	Right Products for Right Applications	27.10.2023	74
5	Mr. K. Siddharth & Mr. V. Suresh	Knowledge Enrichment Programme	Pre Engineered Structures	02.11.2023	60
6	Mr. K. Siddharth	Installation of Office Bearers for Indian Concrete Institute, Coimbatore Center & Seminar	Right Products	01.02.2024	104
7	Mr. K. Siddharth	Workshop	Bamboo Structures	21.03.2024	55
8	Mr. K. Siddharth	Webinar	Unsaturated Stabilized Sub-grade Soils	02.04.2024	42
9	Mr. R. Sakthivel & Mr. R. Parthasaarathi	Workshop	Intellectual Property Rights & IP Management for Start-ups	08.04.2024	80
10	Ms. K. Saraswathi	Webinar	Addressing Gender Equality in Solving Problems and Making Decisions	23.04.2024	48
11	Mr. K. Siddharth & Mr. M. Dinesh Kumar	Webinar	Bridging Innovation: Exploring AI's Impact on Civil Engineering Research	25.04.2024	57
12	Mr. K. Siddharth & Mr. R. Poomalai	Webinar	Urban Growth Modelling and its Implications on Climate using Geo-spatial Data	11.05.2024	67
13	Mr. A. Alex Livingston Raja	Staff Training Programme	Vaastu for Residential Buildings	30.05.2024	25
14	Mr. R. Poomalai & Mr. R. Sakthivel	Workshop	Harnessing Entrepreneurship for Career Advancement	30.05.2024	95
15	Mr. R. Poomalai & Mr. K. Siddharth	Webinar	Essential Traits of Successful Entrepreneur	31.05.2024	69
16	Ms. K. Saraswathi & Mr. R. Senthil Kumar	Webinar	Land Restoration, Desertification and Draught Resilience	05.06.2024	100
17	Mr. A. Alex Livingston Raja & Mr. R. Poomalai	Faculty Development Programme	Mastering the Essentials of Journal Writing and Project Proposal	27.06.2024 and 28.06.2024	128

18. Details of the Faculty Members who attended Training on both Industry and Academia

S. No	Date	Name of the Faculty	Name of the Industry	Outcomes of the visits
		NIL		

19. Details of the Faculty Members who participated in FDP/Seminar/Workshop/STTP/ Training program

S. No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
Workshops					
1	Mr. Alex Livingston Raja A	07-06-23	Intellectual Property Rights (IPR) & Patent Designs Filing	Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM), Nagpur	Online
2	Mr. Sakthivel R	04-09-23 – 15-09-24	Intellectual Property Rights (IPR) & Patent, Designs filing	Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM), Nagpur	Online
3	Mr. Poomalai R	11-09-23	Advances in Landslide Risk Assessment & Mitigation	JSS ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Online
4	Mr. Poomalai R	11-09-23	Advances in Landslide Risk Assessment and Mitigation	JSSATE BENGALURU	Online
Seminars / Webinar					
1.	Dr. Akil K	15-05-24	Bhuvan Overview	NATIONAL REMOTE SENSING CENTRE, Hyderabad	Online
2.	Mr. Alex Livingston Raja A	12-06-23	Expanding Horizons: Unleashing the Research Potential in Civil Engineering	Hindusthan College of Engineering and Technology, Coimbatore	Online
3.	Mr. Alex Livingston Raja A	13-06-23	Tap Your Inner Potential	Hindusthan College of Engineering and Technology, Coimbatore	Online
4.	Mr. Alex Livingston Raja A	30-06-23	Indian Constitution and Role of Citizens	Hindusthan College of Engineering and Technology, Coimbatore	Online
5.	Mr. Dinesh Kumar M	31-05-23	Webinar on “Innovation and Startup Opportunities”	Hindusthan College of Engineering and Technology, Coimbatore	Online
6.	Mr. Dinesh Kumar M	22-08-23	Data Analytics Implementation	IE(I), Coimbatore Local Centre in association with Master of Computer Applications, Hindusthan College of Engineering and Technology, Coimbatore	Online
7.	Mr. Dinesh Kumar M	22-08-23	Data Analytics Implementation	IE(I) Coimbatore Local Chapter	Online
8.	Mr. Dinesh Kumar M	31-08-23	Innovation and Startup Opportunities	Department of Civil Engineering, Hindusthan College of Engineering and Technology, Coimbatore	Online

9.	Mr. Dinesh Kumar M	28-10-23	Short Slab Concrete Pavements(SSCP) for High Volume Roads	UltraTech Cement Ltd.	Online
10.	Mr. Dinesh Kumar M	23-01-24	Professional Development and Administrative Training	Department of Mechatronics Engineering & Internal Assurance Cell, Hindusthan College of Engineering and Technology, Coimbatore	Online
11.	Mr. Dinesh Kumar M	30-05-24	Harnessing Entrepreneurship for Career Advancement	Hindusthan College of Engineering and Technology, Coimbatore	Online
12.	Mr. Parthasaarathi R	23-03-24	Building planning and Vassthu	CMTI	Online
13.	Mr. Parthasaarathi R	02-04-24	Unsaturated Stabilised Subgrade Soils	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Online
14.	Mr. Parthasaarathi R	20-04-24	BIM for Entrepreneurs	CMTI	Online
15.	Mr. Parthasaarathi R	23-04-24	“Addressing Gender Equality in Solving Problems and Making Decisions	Hindusthan College of Engineering and Technology	Online
16.	Mr. Parthasaarathi R	25-04-24	Bridging Innovation: Exploring AI's Impact on Civil Engineering	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Online
17.	Mr. Parthasaarathi R	11-05-24	Urban Growth Modelling and its Implication on Climate using Spatial Data	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Online
18.	Mr. Sakthivel R	28-10-23	Short slab Concrete Pavements (SSCP) for High Volume Roads	UltraTech Cement Ltd.	Online
19.	Mr. Sakthivel R	02-04-24	Unsaturated Stabilised Subgrade Soils	Hindusthan College of Engineering and Technology	Online
20.	Mr. Sakthivel R	25-04-24	Bridging Innovation: Exploring AI's Impact on Civil Engineering	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Online
21.	Mr. Sakthivel R	26-04-24	3D Printed Concrete: An Introduction	Indian Concrete Institute, Coimbatore Centre	Online
22.	Mr. Senthil Kumar R	06-06-23	Beat Plastic Pollution	Hindusthan College of Engineering and Technology	Online
23.	Mr. Senthil Kumar R	13-06-23	Tap your Inner Potential	Hindusthan College of Engineering and Technology	Online
24.	Mr. Senthil Kumar R	30-06-23	Indian Constitution and Role of Citizens	Hindusthan College of Engineering and Technology	Online

25.	Mr. Senthil Kumar R	02-04-24	Unsaturated Stabilised Subgrade Soils	Hindusthan College of Engineering and Technology, Coimbatore	Online
26.	Mr. Senthil Kumar R	26-04-24	"3D Printed Concrete : An Introduction"	Indian Concrete Institute, Coimbatore centre, Tamilnadu	Online
27.	Mr. Senthil Kumar R	04-05-24	Quality Control in Construction	Construction Management Training Institute	Online
28.	Mr. Senthil Kumar R	24-06-24	Indian Constitution and Role of Citizens	Hindusthan College of Engineering and Technology, Coimbatore	Online
29.	Mr. Siddharth K	27-10-23	Circular Economy for Sustainable Waste Management	Adhitya Institute of Technology	Online
30.	Mr. Siddharth K	28-10-23	Short Slab Concrete Pavements (SSCP) for High Volume Roads	UltraTech Cement Ltd.	Online
31.	Mr. Suresh V	27-10-23	Circular Economy for Sustainable Waste Management	Adithya Institute of Technology	Online
32.	Ms. Saraswathi K	13-02-23	Career Opportunities in Drone Technology for Civil Engineers'	Hindusthan College of Engineering and Technology	Online
33.	Ms. Saraswathi K	06-06-23	BEAT PLASTIC POLLUTION	Hindusthan College of Engineering and Technology	Online
34.	Ms. Saraswathi K	07-06-23	National Intellectual Property Awaeness Mission	National Awareness Mission	Online
35.	Ms. Saraswathi K	13-06-23	TAP YOUR INNER POTENTIAL"	Hindusthan College of Engineering and Technology	Online
36.	Ms. Saraswathi K	30-06-23	INDIAN CONSTITUTION & ROLE OF CITIZENS"	HIINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Online
37.	Ms. Saraswathi K	31-08-23	Innovation and Startup Oppurtunities	Hindusthan College of Engineering and Technology	Online
FDP / STTP					
1.	Dr. Akil K	14-08-23 to 04-09-2023	Women Entrepreneurship Development Programme	Rajalakshmi Institute of Technology, Chennai	Online
2.	Dr. Akil K	02-11-23 to 05-11-2023	FDP on "2nd Series of Advancements in Concrete Technology (AICT-2023)	Ballari Institute of Technology & Management, Belagavi.	Online
3.	Mr. Senthil Kumar R	19-06-23 to 23-06-2023	Technological Advancements in Civil Engineering	Mangalam College of Engineering	Online
4.	Mr. Senthil Kumar R	02-11-23 to 05-11-2023	2nd Series of Advancement in Concrete Technology	Ballari Institute of Technology and Management	Online

5.	Mr. Senthil Kumar R	01-02-24 to 10-02-24	NEP 2020 Orientation and Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM - TTP) OF University Grant Commission	UGC - Malaviya Mission Teacher Training Centre (UGC - MMTTC), Gandhigram Rural Institute, Dindigul	Online
6.	Ms. Saraswathi K	23-01-23 to 29-01-23	Recent Trends in Structural Engineering	Shri Shankaracharya Institute of Professional Management & Technology, Raipur	Online
7.	Ms. Saraswathi K	19-06-23 to 23-06-23	Technological Advancements in Civil Engineering	Mangalam College of Engineering	Online
8.	Ms. Saraswathi K	02-11-23 to 05-11-2023	2nd series of Advancement in Concrete Technology	Ballari Institute of Technology and Management, Ballari	Online
9.	Mr. Alex Livingston Raja A	02-11-23 to 05-11-2023	2nd Series of Advancements in Concrete Technology (AICT-2023)	Ballari Institute of Technology and Management, Ballari	Online
10.	Mr. Alex Livingston Raja A	15-02-24 to 24-02-2024	NEP Orientation and Sensitization Programme	UGC-Malavia Mission Teacher Training Centre (MMTC), Gandhigram Rural Institute, Dindigul	Online
11.	Mr. Dinesh Kumar M	19-06-23 to 23-06-23	Technological Advancements in Civil Engineering	Mangalam College of Engineering, Kottayam	Online
12.	Mr. Dinesh Kumar M	02-11-23 to 05-11-2023	2nd Series of Advancements in Concrete Technology	Ballari Institute of Technology & Management, Ballari	Online
13.	Mr. Dinesh Kumar M	01-02-24 to 10-02-24	NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Gandhigram Rural Institute - DTBU, Gandhigram	Online
14.	Mr. Parthasaarathi R	19-06-23 to 23-06-23	TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING	Mangalam College of Engineering	Online
15.	Mr. Parthasaarathi R	02-11-23 to 05-11-223	2nd Series of Advancements in Cement Concrete Technology (AICT 2023)	Ballari Institute of Technology and Management, Ballari	Online
16.	Mr. Parthasaarathi R	01-02-24 to 10-02-24	NEP 2020 Orientation & Sensitization Programme	Malaviya Mission Teacher training programme	Online
17.	Mr. Poomalai R	02-11-23 to 05-11-223	2nd Series on Advancements in Concrete Technology	Ballari Institute of Technology and Management, Ballari	Online
18.	Mr. Poomalai R	13-05-24	National level Faculty Development program on Opportunities in Geospatial Technologies	IIT B	Online
19.	Mr. Sakthivel R	02-11-23 to 05-11-223	FDP on "2nd Series of Advancements in Concrete Technology (AICT-2023)	Ballari Institute of Technology & Management, Balgavi.	Online

20.	Mr. Sakthivel R	01-02-24 to 10-02-24	NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Gandhigram Rural Institute - DTBU, Gandhigram, Dindigul, Tamil Nadu	Online
21.	Mr. Siddharth K	19-06-23 to 23-06-23	Technological Advancements in Civil Engineering	Mangalam College of Engineering	Online
22.	Mr. Siddharth K	02-11-23 to 05-11-2023	2nd Series of Advancements in Concrete Technology (AICT-2023)	Ballari Institute of Technology and Mangement, Ballari	Online
23.	Mr. Siddharth K	17-01-24 to 30-01-24	NEP 2020 Orientation and Sanitization	MM-TTP	Online
24.	Mr. Siddharth K	06-05-24 to 10-05-24	Recent Advances in Structural Engineering	Hindustan Institute of Technology and Science	Online
25.	Mr. Suresh V	19-06-23 to 23-06-23	Technological Advancements in Civil Engineering	Mangalam College of Engineering, Kottayam	Online
26.	Mr. Suresh V	02-11-23 to 05-11-2023	2nd Series of Advancements in Concrete Technology	Ballari Institute of Technology & Management, Ballari	Online
27.	Mr. Suresh V	06-05-24 to 10-05-24	Recent Advances in Structural Engineering	Hindustan Institute of Technology and Science	Online
Trainings					
1.	Mr. Alex Livingston Raja A	05-06-23	World Environmental Day Quiz	Central Pollution Control Board, Regional Directorate, Bengaluru	Online
2.	Mr. Dinesh Kumar M	06-09-23	To make Sustainable Concrete Pledge	Chettinad cement	Online
3.	Mr. Dinesh Kumar M	05-06-23	World Environment Day Quiz	Central Pollution Control Board, Bengaluru	Online
4.	Mr. Senthil Kumar R	05-06-23	World Environment Day Quiz	Central Pollution Control Board, Bengaluru	Online
5.	Mr. Senthil Kumar R	31-08-23	A Session on Innovation and Startup Opportunities	Hindusthan College of Engineering and Technology, Coimbatore	Online
6.	Mr. Senthil Kumar R	07-06-23	IP Awareness/Training program under National Intellectual Property Awareness Mission	Intellectual Property Office, India	Online
7.	Mr. Senthil Kumar R	21-06-24	A session on Yoga for Self and Society	Hindusthan College of Engineering and Technology, Coimbatore	Online
8.	Mr. Siddharth K	07-09-23	Pledge on "To Make Sustainable Concrete Pledge"	Chettinad Cement, ACCE, SEAT	Online
9.	Mr. Siddharth K	15-09-23	Virtual Policy Dialogue on " Role of IEC to Achieve Net Zero Mission"	Policy Times Chamber of Commerce	Online
10.	Ms. Saraswathi K	05-06-23	World Environment Day Quiz	Central Pollution control Board, Regional Directorate, Bengaluru	Online

20. Details of Online courses completed by the Faculty Members

S. No	Name of Staff	Duration	Title of the Course	Platform (NPTEL / Coursera / other Online Courses)	Remarks
1.	Mr. Suresh V	4 weeks	Renewable Energy and Green Building Entrepreneurship	Coursera	26.12.2023
2.	Mr. Suresh V	4 weeks	Introduction to Engineering Mechanics	Coursera	26.12.2023
3.	Dr. Akil K	5 hours	Forest carbon & water cycle monitoring and modelling	IIRS	13.05.2024 to 17.05.2024
4.	Mr. Poomalai R	1 Day	100km Lane Road Construction in 100 hours	CMTI	19-05-2024
5.	Mr. Poomalai R	1Day	3D Printed Concrete: An Introduction	ICI	26.04.2024
6.	Mr. Poomalai R	5 hours	Forest Carbon and Water cycle Monitoring and modelling	IIRS	13.05.2024 TO 17.05.2024

21. Details of Papers/ Journal Publications /conferences

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN/ISBN		Reviewer	
		International	National	State	International	National	State	Books	Articles	National	International
1	Dr. Akil K				02	02		01			
2	Dr. Deepa Shri S	01									
3	Dr. Karunanidhi D	04						01	03		01
4	Dr. Chandrasekaran P	02									
5	Dr. Karthik D										
6	Mr. Senthil Kumar R	02			02						
7	Ms. Saraswathi K										
8	Mr. Alex Livingston Raja A	01			02						
9	Mr. Suresh V	01				01					
10	Mr. Dinesh Kumar M	01			03						
11	Mr. Logan Durai M										
12	Ms. Priyadharshini R										
13	Mr. Siddharth K	01			02	02					
14	Mr. Parthasaarathi R	04	02		02	01					
15	Mr. Sakthivel R	01			02						
16	Mr. Poomalai R	01			01	02					

* Proof of First page of Journal details are to be attached separately

22. Number of Academic support staff (technical) and administrative staff

S. No	Name	Designation	Qualification	Experience
1.	Mr. Irudayaswamy P	Lab Assistant	J.T.S.	21 Years
2.	Mr. Nagaraj N	Lab Technician	I.T.I	21 Years
3.	Mr. Ramasamy N	Lab Technician	B.E.	9 Years
4.	Ms. Geethanjali M	Lab Assistant	B.B.A.	1 Year
5.	Mr. Muthukrishnan M	Lab Assistant	B.E.	11 Months
6.	Mr. Vijayakumar M	Lab Technician	B.E.	20 Years
7.	Mr. Kaliappan T	Lab Technician	B.E.	2 Years

23. MoUs Details

S. No	Name of the Company	Year of MOU signed	MOU Policy Details
1.	Association of Consulting Civil Engineers (India), Coimbatore Centre, Tamil Nadu	17.03.2021	Student chapter, Technical Talks, Site visits, Training and Internship
2.	Construction Industry Development Council (CIDC), New Delhi	18.08.2021	Internship, Faculty Development Program, Capacity Building and other training Programs.
3.	Construction Management Training Institute (CMTI)	01.11.2021	Internship, Free applications through CMTI App, Counselling and Guidance, collaborate to develop Software/ hardware/ innovative projects, proposals, paper patents, copyrights and trademarks.
4.	DNxt Ideas India Private Limited	09.09.2022	Internship, Seminars, Workshop and Training Programs with Industry Experts, team Project work, Placement Assistance.
5.	Edifice Placement Solutions	04.11.2022	Software and Industrial training, Research and Development, training, Guest Lecture, Internship and Placement.
6.	GEOMAP Surveyors & Builders	05.11.2022	Seminars, Workshops, Student Projects, Software and Field Training, Internship and Placement.
7.	V. K.P. Geotech	20.02.2023	Training and Placement, Project work and problem solving
8.	Active Spatial Sciences Research Group (ASSRG)	13.03.2023	Seminars, Workshops, Training, Research and Paper publishing support

24. Details of Department club Activities

S. No.	Name of the Club	Name of faculty in charge for the club	Activities of the club
	NIL		

25. Academic Toppers Details

S. No	Name of the Student	Class & Section	GPA
1.	Sakthi Shree R	IV Year (VIII Sem)	9.42
2.	Nivetha K	III Year (VI Sem)	9.22
3.	Ali Rihan Nelliparamban	II Year (IV Sem)	9.20
4.	Nivetha K	IV Year (VII Sem)	9.35
5.	Ali Rihan Nelliparamban	III Year (V Sem)	9.32
6.	Suprith S	II Year (III Sem)	8.96

26. Student Placement Details

Total number of students	Total number of eligible students	Total number of placed students	Percentage of Placed
64	58	45	77.58

* List are to be attached separately

27. Student Higher Studies Details

Number of students doing higher studies (UG to PG)	Number of students doing higher studies (PG to PhD)	Number of students inside India	Number of students outside India
3		1	2

* List are to be attached separately

28. Student as Entrepreneur Details

Entrepreneur after UG	Entrepreneur after PG	Percentage of Entrepreneur in total outcome of students
NIL	-	-

* List are to be attached separately

(II) CURRICULAR ASPECTS

1. Year in which the present syllabi have been revised:
2. Course / Topics included in the revised syllabus:
3. Curriculum & Syllabus standard on par with National/International standard benchmark following CBCS, OBE, and Blooms Taxonomy concepts:

4. Name of the Benchmark Institution referred:

5. Is the overall curriculum and Syllabus focused towards Institutional Graduate Attributes:

S.No.	Descriptions	Y/N
1	Is the standard of the syllabi good?	Y
2	Is the syllabus relevant to industry need?	Y
3	Is the standard of Electives good?	Y
4	Is the standard of learning resources good?	Y
5	Are course objectives and course outcomes available for all the courses?	Y
6	Is mapping of course outcomes and programme outcomes done?	Y
7	Is the focus of curriculum and syllabi towards Institutional Graduate Attributes?	Y
8	Are counselling records available?	Y
9	Are Industrial visits arranged for need based technology?	Y
10	Are digital / ICT tools used in the teaching-learning process?	Y
11	Are industrial experts consulted to frame curriculum and syllabus?	Y
12	Are academic experts consulted to frame curriculum and syllabus?	Y
13	Are alumni consulted to frame curriculum and syllabus?	Y

(III) TEACHING, LEARNING AND EVALUATION

S.NO	Descriptions	Y/N
1	Is the academic calendar available?	Y
2	Is the allotment of teaching hours for each subject sufficient?	Y
3	Is log book maintained?	Y
4	Is the standard of course delivery good?	Y
5	Are sufficient number of assignment/seminars given by the students in each course?	Y
6	Are sufficient learning resources available?	Y
7	Is the syllabus completed on time?	Y
8	Is content beyond the syllabus available?	Y
9	Is there any usage of ICT tools?	Y
10	Is mapping done for program outcomes and course outcomes?	Y
11	Is mapping done for program specific outcomes and course outcomes?	Y
12	Is the standard of question papers good?	Y
13	Is the result analysis made internal and end semester examinations?	Y
14	Is proper corrective action initiated?	Y
16	Are there periodical department discussion of academic progress [Minutes of meeting]?	Y
17	Are Industrial visits organized?	Y
18	Is special attention taken on slow learners/Any remedial record available?	Y
19	Feedback analysis 1.Parents Feedback 2.Students Feedback 3.Alumni Feedback 4. Employer Feedback 5. Academic Experts Feedback	Y

Outcome Based Education (OBE):

1. PO attainment: (for 2023 passed out students)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Target	2.1	1.9	1.9	1.5	1.5	1.6	1.4	1.5	1.5	1.6	1.4	1.5
Attainment	2.2	2.0	2.1	1.7	1.6	1.7	1.5	1.9	1.6	1.4	1.3	1.6

Gap Analysis:

2. PSO attainment: (for 2023 passed out students)

PSOs	PSO1	PSO2

Target	1.9	1.9
Attainment	2.2	2.3

Gap Analysis:

4. PEO attainment: (for 2020/2021 passed out students)

PEOs	PEO1	PEO2
Target	2.4	2.4
Attainment	2.7	2.8

Gap Analysis:

(IV) INFRASTRUCTURAL FACILITIES

S.NO	Infrastructural facilities	Y/N
1	Adequate No. of Class Rooms/ Staff Room	Y
2	Adequate No. of books	Y
3	Adequate No. of Periodicals/Journals	Y
4	Adequate No. of Teaching Aids	Y
5	Adequate No. of Computers in the Lab	Y
6	Adequate Laboratory Equipment and facilities	Y
7	Adequate Budget/ Fund allotted to the Department	Y

1. Details of the laboratories in the department

S.No	Name of the Laboratory	Area (m ²)
1.	Survey Laboratory	76.6
2.	Computer Aided Building Drawing Laboratory	148.27
3.	Strength of Materials Laboratory	218.5
4.	Hydraulic Engineering Laboratory	245.8
5.	Soil Mechanics Laboratory	138
6.	Environmental Engineering Laboratory	168.6
7.	Concrete and Highway Engineering Laboratory	168.6
8.	Computer Aided Design and Drafting Lab	148.27
Others (Research Labs / Centre of Excellence, etc.)		
NIL		

2. List of major equipment (value more than Rs.50,000)

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1.	Strength of Materials Laboratory	Universal Testing Machine	Fuel Instruments & Engg. Pvt. Ltd	1	234512 /-	234512 /-
2.		Compression Testing Machine	Madras Metallurgical Srvices Pvt. Ltd.	1	69611 /-	69611 /-
3.		Impact Testing Machine	Fuel Instruments & Engg. Pvt. Ltd	1	51157 /-	51157 /-
4.		Tensile Testing Machine	Kamal Metal Industries	1	51272 /-	51272 /-
5.		Torsion Testing Machine	Krystal Elmec	1	75441 /-	75441 /-
6.	Fluid Mechanics and Machinery Laboratory	Pelton Turbine	Altech Industries	1	99400 /-	99400 /-
7.		Francis Turbine	Altech Industries	1	110200 /-	110200 /-
8.		Kaplan Turbine	Altech Industries	1	160000 /-	160000 /-
9.		Orifice and Mouthpiece Apparatus	Altech Industries	1	51000 /-	51000 /-
10.		Multistage Centrifugal Pump Test Rig (Closed Circuit)	Altech Industries	1	83000 /-	83000 /-
11.		Mini Hydraulic Flume - Adjustable Channel (Closed Circuit)	Altech Industries	1	202000 /-	202000 /-
12.	Survey Laboratory	Total Station	Kolida	3	180534 /-	541604 /-
13.		Relative Density Apparatus	TMC Associates	1	101430 /-	101430 /-

14.	Soil Mechanics Laboratory	Three Gang Consolidation Apparatus	TMC Associates	1	101430 /-	101430 /-
15.		Direct Shear Apparatus	TMC Associates	1	60581 /-	60581 /-
16.		California Bearing Ratio (CBR) Load frame	M-Total Instrumentation Solutions	1	50000 /-	50000 /-
17.	Concrete and Highway Laboratory	Compressive Testing Machine	TMC Associates	1	89250 /-	89250 /-
18.		Digital Compressive Testing Machine	TMC Associates	1	188564 /-	188564 /-
19.		Flexural Testing Machine (100 kN)	TMC Associates	1	63000 /-	63000 /-
20.		Abrasion Testing Machine	TMC Associates	1	94500 /-	94500 /-
21.		Ductility Testing Machine	TMC Associates	1	52500 /-	52500 /-
22.		Marshall Stability Testing Apparatus	TMC Associates	1	49600 /-	49600 /-
23.	Environmental Engineering Laboratory	BOD Incubator	Scientek	1	55000 /-	55000 /-
24.		Dissolved Oxygen Analyzer	Hanna	1	150000 /-	150000 /-
25.		Bench Top Ion Meter	Adwa	1	132000 /-	132000 /-
26.		UV-Visible Spectrophotometer	Systronics	1	165000 /-	165000 /-
27.		Atomic Absorption Spectrophotometer	Systronics	1	529000 /-	529000 /-
28.		COD Test Tube Heater	Hanna	1	57000 /-	57000 /-
29.		COD Analyzer	Hanna	1	70000 /-	70000 /-
30.		Glasswares and Accessories	Borosil	LS	78528 /-	78528 /-
31.	Computer Aided Design and Drafting Laboratory	RCC Counterfort Retaining Wall Model	1:10 Base Dimension 36"x 24" x 18"	1	54500 /-	54500 /-
32.		RCC T-Beam Bridge Model	1:15 Base Dimension 36"x 18" x 18"	1	51000 /-	51000 /-
33.		STAAD.Pro V8i (70 Users)	Academic Suite-5 Package	1	540000 /-	540000 /-
34.		ANSYS (25 Users)	Academic Version	1	400000 /-	400000 /-
35.		MATLAB (60 Users)	R2017	1	655856 /-	655856 /-

3. Details of new labs established in the current academic year

S.No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
		Nil				

4. Details of Laboratory records

S. No	Name of the Faculty/ Designation	Name of the Laboratory	Lab manual	Master Record of all the lab courses offered in the lab	Sample record note books	Lab capital register with a separate file for proposal, purchase order, bills and AMC	Lab consumable register with a separate file for proposal, purchase order and bills	Lab equipment preventive and breakdown maintenance register with proposal and bills
1.	Mr. A. Alex Livingston Raja	Environmental Engineering Lab	Yes	Yes	Yes	Yes	Yes	Yes
2.	Mr. R. Senthil Kumar	Soil Mechanics Lab	Yes	Yes	Yes	Yes	Yes	Yes
3.	Mrs. K. Saraswathi	Fluid Mechanics and Machinery Lab	Yes	Yes	Yes	Yes	Yes	Yes
4.	Mr. V. Suresh	Survey Lab	Yes	Yes	Yes	Yes	Yes	Yes
5.	Dr. R. Sakthivel	CAD Lab	Yes	Yes	Yes	Yes	Yes	Yes
6.	Mr. R.Parthasarathi	Strength of Materials Lab	Yes	Yes	Yes	Yes	Yes	Yes
7.	Mr. M. Dinesh Kumar	Concrete and Highway Lab	Yes	Yes	Yes	Yes	Yes	Yes

5. Present details of departmental infrastructural & other facilities with regard to Departmental Library (Vol., books, journals etc.)

Books	Journals	
	International	National
1186	5	52

* List of Journals are to be attached separately

(V) STUDENT SUPPORT, PARTICIPATION AND PROGRESSION

S. No	Description	Y/N
1	The student's grievances record	Y
2	Counselling by outside source	Y
3	Committee for prevention of ragging (Dept./college) ?	Y
4	Efforts taken for placement of students – Placement	Y
5	Students awareness of competitive avenues like GATE,CSIR, various entrance examinations for Ph.D. admission and students fellowships	Y
6	Register for alumni of the department with their addresses-Alumni register	Y
7	Class Committee Meeting	Y
8	Peer Group Meeting	Y
9	Coaching for students for skills training by outside experts/by teachers	Y

1. Year-wise results of students at UG and PG (last 3 years) (Separate table for UG and PG)

Year		UG	Appeared	Passed	Pass %
III	2022- 2023	UG	68	36	53
IV		UG	68	42	62
V		UG	64	49	77
VI		UG	64	49	77
VII		UG	67	47	70
VIII		UG	67	67	100
III	2021-2022	UG	66	64	97
IV		UG	64	54	84
V		UG	69	69	100
VI		UG	65	45	69
VII		UG	94	93	99
VIII		UG	96	88	94
III	2020-2021	UG	69	55	79
IV		UG	67	62	91
V		UG	97	75	77
VI		UG	97	92	95
VII		UG	126	115	91
VIII		UG	125	115	93

2. Awards and Prizes received by students at various events conducted at University, state, national and international levels

S.No.	Batch	Class / Semester	Register No.	Name of the Student	Name of the Event	Organized by	Date	Prize / Award Won
1.	2020-2024	IV Year / VIII Semester	20103027	Nivetha K	Engineer's day Celebration 2023	Institution of Engineers of (India), Coimbatore	15.09.2023	CAV Dr. GKD Memorial Award
2.	2022-2026	II Year / III Semester	720722103801	Aarti Gilotra	Trenesis'23 " Mock Interview"	Nehru Institute of Technology, Coimbatore	08.11.2023	I Prize
3.	2022-2026	II Year / III Semester	720722103801	Aarti Gilotra	Trenesis'23 " Paper Presentation on Bubble deck Slab"	Nehru Institute of Technology, Coimbatore	08.11.2023	II Prize
4.	2022-2026	II Year / III Semester	720722103028	Milan K Jacob	Trenesis'23 " Paper Presentation on Bubble deck Slab"	Nehru Institute of Technology, Coimbatore	08.11.2023	II Prize
5.	2022-2026	II Year / III Semester	720722103801	Aarti Gilotra	Trenesis'23 " Code Cracking"	Nehru Institute of Technology, Coimbatore	08.11.2023	II Prize
6.	2020-2024	IV Year / VIII Semester	20103027	Nivetha K	Best Student Award 2024	National Foundation for Innovative scientific Research and Technology	24.02.2024	Best Student Award
7.	2020-2024	IV Year / VIII Semester	20103027	Nivetha K	Best Student Award 2024	Tech Forum Research Foundation	26.02.2024	Best Student Award
8.	2021-2025	III Year / VI Semester	720721103054	Sarathraj G	ACMBT 2024 "Best Research Paper Award" on Water Quality mapping of Coimbatore District Using Arcgis.	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 & 26.03.2024	Best Paper Award
9.	2021-2025	III Year / VI Semester	720721103057	Soja Saji	ACMBT 2024 "Best Research Paper Award" on Water Quality mapping of Coimbatore District Using Arcgis.	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 & 26.03.2024	Best Paper Award
10.	2021-2025	III Year / VI Semester	720721103801	Dineshkumar S	Convergence 2k24 "Paper Presentation on Manufacturing and testing of sustainable concrete dumbbells	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize

S.No.	Batch	Class / Semester	Register No.	Name of the Student	Name of the Event	Organized by	Date	Prize / Award Won
					with deeply focuses on reducing carbon footprint			
11.	2021-2025	III Year / VI Semester	720721103048	Ruthran R	Convergence 2k24 "Paper Presentation on Manufacturing and testing of sustainable concrete dumbbells with deeply focuses on reducing carbon footprint	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
12.	2021-2025	III Year / VI Semester	720721103012	Balaji S	Convergence 2k24 "Paper Presentation on Manufacturing and testing of sustainable concrete dumbbells with deeply focuses on reducing carbon footprint	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
13.	2021-2025	III Year / VI Semester	720721103054	Sarathraj G	Convergence 2k24 Ideathon on "An Overview of 3D Concrete Printing"	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
14.	2021-2025	III Year / VI Semester	720721103057	Soja Saji	Convergence 2k24 Ideathon on "An Overview of 3D Concrete Printing"	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
15.	2021-2025	III Year / VI Semester	720721103041	Parkavi R	Convergence 2k24" Poster Presentation"	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
16.	2021-2025	III Year / VI Semester	720721103012	Balaji S	Convergence 2k24" Poster Presentation"	Nehru Institute of Technology, Coimbatore	15.03.2024	III Prize
17.	2021-2025	III Year / VI Semester	720721103032	Muhammed Ashkar	Arkitekton 2k24" Paper Presentation on Experimental and comparative study on conventional brick and reinforced steel slag brick"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	I Prize
18.	2021-2025	III Year / VI Semester	720721103015	Chethass Deep P	Arkitekton 2k24" Paper Presentation on Experimental and comparative study on conventional brick and	P. A. College of Engineering and	27.03.2024	I Prize

S.No.	Batch	Class / Semester	Register No.	Name of the Student	Name of the Event	Organized by	Date	Prize / Award Won
					reinforced steel slag brick"	Technology, Coimbatore		
19.	2021-2025	III Year / VI Semester	720721103061	Vighash P	Arkitecton 2k24" Technical Quiz"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	II Prize
20.	2021-2025	III Year / VI Semester	720721103050	Sabarigiri A	Arkitecton 2k24" Technical Quiz"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	II Prize
21.	2021-2025	III Year / VI Semester	720721103061	Vighash P	Arkitecton 2k24" Survey Hunt"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	III Prize
22.	2021-2025	III Year / VI Semester	720721103032	Muhammed Ashkar	Arkitecton 2k24" Survey Hunt"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	III Prize
23.	2021-2025	III Year / VI Semester	720721103015	Chethass Deep P	Arkitecton 2k24" Survey Hunt"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	III Prize
24.	2021-2025	III Year / VI Semester	720721103050	Sabarigiri A	Arkitecton 2k24" Survey Hunt"	P. A. College of Engineering and Technology, Coimbatore	27.03.2024	III Prize

STUDENTS PARTICIPATION IN SPORTS

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
1.	720722103012	Deepika V	16.10.2023 to 18.11.2023	Athletics/ Winner	State	Sri Krishna College of Engineering and Technology
2.	720722103012	Gopinath S	14.10.2023	Cricket / Winner	State	Sri Krishna College of Technology, Coimbatore
3.	720722103012	Deepika V	12.10.2023	Volleyball / Champion	State	P.A College of Engineering and Technology, Coimbatore.
4.	20103020	Jegan A	26.10.2023 to 27.10.2023	Kabaddi / Runner	State	Hindusthan College of Engineering and Technology, Coimbatore
5.	20103018	Gowthaman K	30.10.2023	Hockey / Winner	State	Hindusthan College of Engineering and Technology, Coimbatore
6.	720722103012	Gopinath S	26.03.2023	Cricket / Runner	State	Park College of Engineering and Technology, Coimbatore
7.	720722103012	Gopinath S	27.02.2023	Cricket / Runner	State	Hindusthan College of Engineering and Technology, Coimbatore
8.	720722103012	Gopinath S	14.03.2023	Cricket / Participated	State	KSR College of Engineering and Technology, Coimbatore
9.	720721103004	Alan Mathew Shibu	26.10.2023	Volleyball / Runner	State	Sri Eshwar College of Engineering and Technology
10.	720721103004	Alan Mathew Shibu	22.09.2023	Volleyball/ Runner	State	United College of Engineering and Technology, Coimbatore
11.	720721103004	Alan Mathew Shibu	26.02.2024 to 27.02.2024	Volleyball / II Prize	State	Cenies Association, 13th Centies Championship 2024
12.	720721103004	Alan Mathew Shibu	01.03.2024 to 11.03.2024	Volleyball / Runner	State	COVAI TIES 2024, Sri Krishna College of Engineering and Technology, Coimbatore
13.	720722103042	Resmika S	26.02.2024 to 29.02.2024	Kart Racing Championship / Participated	State	Kari Motor Speed way Race Track & Hindusthan College of Engineering and Technology, Coimbatore

14.	720721103806	Moovendran M	02.02.2024	Kabaddi / II Prize	State	Alumni Trophy 2024, Dhanalakshmi Srinivasan College of Engineering, Coimbatore
15.	720721103023	Karthick S	02.02.2024	Kabaddi / II Prize	State	Alumni Trophy 2024, Dhanalakshmi Srinivasan College of Engineering, Coimbatore
16.	720721103026	Logeswaran S	02.02.2024	Kabaddi / II Prize	State	Alumni Trophy 2024, Dhanalakshmi Srinivasan College of Engineering, Coimbatore
17.	720721103021	Jeno Leona Shahar P	02.02.2024	Kabaddi / II Prize	State	Alumni Trophy 2024, Dhanalakshmi Srinivasan College of Engineering, Coimbatore
18.	720722103012	Deepika V	08.03.2024	Volleyball / Winner	State	Sri Eshwar College of Engineering, Coimbatore
19.	720722103012	Deepika V	24.03.2024	Relay (4x100m) / I Prize	State	Coimbatore Institute of Technology, Coimbatore
20.	720722103012	Deepika V	24.03.2024	100m- Huddle / I Prize	State	Coimbatore Institute of Technology, Coimbatore
21.	720722103012	Deepika V	24.03.2024	Javlein / III Prize	State	Coimbatore Institute of Technology, Coimbatore

3. Details of students projects /Funds

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
1.	Mr. Vijay Arockiam A (20103047) Ms. Kaleeswari B (20103021) Mr. Kota Ramaseshu (20103022) Mr. Varun R (20103046)	IV B.E. Civil	Utilization of Waste Plastic Fibres for Reinforcement in Concrete	Yes. From Niral Thiruvizha – Naan Mudhalvan	Rs.10,000/-

5. Details of students scholarship

S. No	Name of the Student	Class	Type of the Scholarship	Scholarship provided organization details	Amount in (Rs.)
	NIL				

6. Details of industrial visits organized for the students

S. No	Date	Name of the Company	Class	No. of participants	Outcomes of the visits
1	09.09.2023	Aliyar Dam, Pollachi	III	48	Gained knowledge on dam engineering, water management
2	23.11.2023	Ultra Ready Mix Concrete Plant, Coimbatore	II	61	Learned about the various process involved in the production of concrete and quality control measures in Ready Mix Concrete Plant
3	12.02.2024	Build Intec 2024 at CODISSIA Trade Fair Complex, Coimbatore	II	40	Gained information on the various latest Construction materials available in the market
4	06.03.2024 - 08.03.2024	Educational Tour to Chennai: VME Precast Pvt. LTD., L&T Casting Yard, CMRL, Chennai	II & III	95	<ul style="list-style-type: none"> ➤ Acquired knowledge on precast concrete process, its advantages and its applications ➤ Learned about the complexities involved in urban infrastructure projects, specifically metro rail systems.
5	01.04.2024	Manoviyam Institute, Coimbatore	III & IV	105	Gained practical insights into how innovative techniques can contribute to reducing environmental impact in the construction industry

7. Details of Internship for the students

S. No.	Batch	Class / Semester	Register No.	Name of the Student	Name & Address of the Company	Period of Training	
						From	To
1.	2021-2025	III Year / V Semester	720721103001	Abdulla S	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum	5-Jan-23	26-Jan-23
2.	2021-2025	III Year / V Semester	720721103002	Agni Mari Muthu T	Joy construction, Thirunelveli	24-Dec-23	24-Jan-24
3.	2021-2025	III Year / V Semester	720721103003	Ajaykumar R	Ganapathy Architects ,Mylsomy Thottom 11/13 Thiruvalluvar Street,G.N.Mills, Coimbatore	24-Dec-23	23-Jan-24
4.	2021-2025	III Year / V Semester	720721103004	Alan Mathew Shibu	Shanoor Projects & Realtors Pvt. Ltd. Bhagvathy plaza, Pongumoodu, Medical college P.O, Trivandrum	24-Dec-23	14-Jan-24

S. No.	Batch	Class / Semester	Register No.	Name of the Student	Name & Address of the Company	Period of Training	
						From	To
5.	2021-2025	III Year / V Semester	720721103005	Ali Rihan Nelliparamban	Associated enterprises , Manjeri, Malappuram, Kerala.	24-Dec-23	16-Jan-24
6.	2021-2025	III Year / V Semester	720721103006	Arun K	Thangam builders, Thoothukudi	5-Jan-24	31-Jan-24
7.	2021-2025	III Year / V Semester	720721103007	Arunkumar S	Ganapathy Architects,Mylsomy Thottom 11/13 Thiruvalluvar Street,G.N.Mills, Coimbatore	24-Jan-24	23-Feb-24
8.	2021-2025	III Year / V Semester	720721103008	Ashwinkumar S	E&M Constructions Builders and Contractors Perumulai Road Tittakudi	27-Dec-23	12-Jan-24
9.	2021-2025	III Year / V Semester	720721103009	Askarali A	Falcon Engineering & Construction 17 Pavalar Muthusamy Nagar,Erumapatti Kaikatti, Namakkal	4-Jan-24	28-Jan-24
10.	2021-2025	III Year / V Semester	720721103011	Bahadoor Badhusha A	Salam construction, Salem	21-Dec-23	13-Jan-24
11.	2021-2025	III Year / V Semester	720721103012	Balaji S	Auroyali Earth Architecture and Natural Construction Company -Kottakari Auroville, Kerala	8-Jan-24	2-Feb-24
12.	2021-2025	III Year / V Semester	720721103013	Bharath K	BSS Builders, Madurai	3-Jan-24	13-Jan-24
13.	2021-2025	III Year / V Semester	720721103015	Chethass Deep P	Thirumurugan Construction, Coimbatore	4-Jan-24	13-Jan-24
14.	2021-2025	III Year / V Semester	720721103016	Devan Raj G	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum	5-Jan-23	26-Jan-23
15.	2021-2025	III Year / V Semester	720721103017	Dinesh Kumar V	SSS Hi-tech Construction Pvt Ltd, Madurai	2-Jan-24	23-Jan-24
16.	2021-2025	III Year / V Semester	720721103018	Gopinath S	Gifty Rajan kimple Associates, Thangam builders , Thoothukudi	24-Dec-23	11-Feb-24
17.	2021-2025	III Year / V Semester	720721103019	Hareesh K G	Makil Construction, karur	25-Dec-23	25-Jan-24
18.	2021-2025	III Year / V Semester	720721103020	Hariharan K	Amutham Builder's, Avanam Road , Peravurani Thanjavur	29-Jan-23	28-Jan-24
19.	2021-2025	III Year / V Semester	720721103021	Jeno Leona Shahar P	Amutham Builder's, Avanam Road , Peravurani Thanjavur	29-Dec-23	28-Jan-24
20.	2021-2025	III Year / V Semester	720721103022	Jeyavignesh V	Ramrack Builders, Coimbatore	3-Jan-24	31-Jan-24
21.	2021-2025	III Year / V Semester	720721103023	Karthick S	Ganapathy Architests 11/13 Thiruvalluvar, G. N. Mills, Opposite Kongunadu Arts & Science College, Coimbatore	24-Dec-23	23-Jan-24
22.	2021-2025	III Year / V Semester	720721103024	Kishore Kumar K	K.K.K Constructions, 2/415,11A, Govinthapuram, Paramakudi	24-Dec-23	25-Jan-24

S. No.	Batch	Class / Semester	Register No.	Name of the Student	Name & Address of the Company	Period of Training	
						From	To
23.	2021-2025	III Year / V Semester	720721103025	Kishore Kumar S	Makil Construction, Karur	25-Dec-23	25-Jan-24
24.	2021-2025	III Year / V Semester	720721103026	Logeswaran S	Goodwill Construction, Krishnagiri	2-Jan-24	25-Jan-24
25.	2021-2025	III Year / V Semester	720721103028	Madhan R	Good Will Construction, Coimbatore	2-Jan-24	25-Jan-24
26.	2021-2025	III Year / V Semester	720721103030	Manojkumar B	Joy Construction , Chennai	1-Dec-24	2-Apr-24
27.	2021-2025	III Year / V Semester	720721103031	Mohammed Aashik S	Green Wall Constructions and Interiors 106, 9th Street , Gandhipuram	28-Dec-23	18-Jan-24
28.	2021-2025	III Year / V Semester	720721103032	Muhammed Ashkar	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum.	1/5/00 23	1/26/00 23
29.	2021-2025	III Year / V Semester	720721103033	Muhammed Zidhin V P	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum	5-Jan-23	26-Jan-23
30.	2021-2025	III Year / V Semester	720721103034	Muthaiya K	VKM construction, Coimbatore	24-Dec-23	24-Jan-24
31.	2021-2025	III Year / V Semester	720721103035	Nadiya Nusrath N	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum	5-Jan-24	26-Jan-24
32.	2021-2025	III Year / V Semester	720721103036	Naorem Rohit Singh	Good Will Construction, Coimbatore	2-Jan-24	25-Jan-24
33.	2021-2025	III Year / V Semester	720721103037	Naveenkumar P	Amutham Builder's , Avanam Road, Peravurani, Thanjavur	29-Dec-23	28-Jan-24
34.	2021-2025	III Year / V Semester	720721103038	Nithish S	Makil Construction, Karur	25-Dec-23	25-Jan-24
35.	2021-2025	III Year / V Semester	720721103039	Nithishkumar A	Makil Construction, Karur	25-Dec-23	25-Feb-24
36.	2021-2025	III Year / V Semester	720721103040	Nivas M	S.S Constructions, Padappanarvayal , Sornakkadu Peravurani	24-Dec-23	6-Jan-24
37.	2021-2025	III Year / V Semester	720721103041	Parkavi R	Tamilnadu Water Resources Department Villupuram	25-Dec-23	25-Jan-24
38.	2021-2025	III Year / V Semester	720721103042	Puvibharath S	Mylsomy Thottom 11/13 Thiruvalluvar Street,G.N.Mills, Coimbatore	24-Dec-23	23-Jan-24
39.	2021-2025	III Year / V Semester	720721103043	Ragulprabhu I	Joy Construction, Chennai	1-Dec-24	2-Apr-24
40.	2021-2025	III Year / V Semester	720721103044	Rakesh Krishna A	PWD Bridges Division, Palakkad	8-Jan-24	29-Jan-24
41.	2021-2025	III Year / V Semester	720721103045	Rathan N	Ganapathy Architects	24-Dec-23	23-Jan-24

S. No.	Batch	Class / Semester	Register No.	Name of the Student	Name & Address of the Company	Period of Training	
						From	To
42.	2021-2025	III Year / V Semester	720721103046	Rayappan B	Haneefa Architects, Engineers and contractors	6-Jan-24	27-Jan-24
43.	2021-2025	III Year / V Semester	720721103047	Riyan Mohammed A	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum.	5-Jan-23	26-Jan-23
44.	2021-2025	III Year / V Semester	720721103048	Ruthran R	Amutham Builder's, Avanam Road , Peravurani, Thanjavur	29-Dec-23	28-Jan-24
45.	2021-2025	III Year / V Semester	720721103049	Sabari Kannan R`	Krishna Builders, Srinivasa Nagar, Kovilpatti	25-Dec-23	20-Jan-24
46.	2021-2025	III Year / V Semester	720721103050	Sabarigiri A	KS Constructions, 28 D,N.P.S Complex, Gandhi Market, Palani	5-Jan-24	5-Feb-24
47.	2021-2025	III Year / V Semester	720721103052	Sanjay B	KS Constructions 28 D,N.P.S Complex Gandhi Market Palani	5-Jan-24	5-Feb-24
48.	2021-2025	III Year / V Semester	720721103053	Santosh M	Project-X Construction And Private Limited	24-Dec-23	26-Jan-24
49.	2021-2025	III Year / V Semester	720721103054	Sarathraj G	N.ThirumuruganB.E.,(M.I.E.,F.I.V). Approved Valuer	24-Dec-23	19-Jan-24
50.	2021-2025	III Year / V Semester	720721103055	Satheesh T	Ganapathy Architect & Mysomy Thottom 11/13 Thiruvalluvar ,G.N.Mills, Coimbatore	24-Dec-23	23-Jan-24
51.	2021-2025	III Year / V Semester	720721103056	Siva Raman T	Ganapathy Architects	24-Dec-23	23-Jan-24
52.	2021-2025	III Year / V Semester	720721103057	Soja Saji	Shanoor Projects & Realtors Pvt.Ltd., Bhagavathy Plaza, Pongumoodu, Medical College, Trivandrum	24-Dec-23	13-Jan-24
53.	2021-2025	III Year / V Semester	720721103060	Veeramuthu R	Velmurugan Construction. Azhagumeenal Complex, Building Engineer, Construction New Street,Main Nagar, Contractor Abiramam,Ramanathapuram	24-Dec-23	25-Jan-24
54.	2021-2025	III Year / V Semester	720721103061	Vighash P	KS Constructions, D,N.P.S Complex,Gandhi Market,Palani	5-Jan-24	5-Feb-24
55.	2021-2025	III Year / V Semester	720721103062	Vignesh R	RK Construction Poovadevan kadu, Maruthur South -614714 ,Vedaranyam, Nagapattinam	25-Dec-23	14-Jan-24
56.	2021-2025	III Year / V Semester	720721103063	Vijay M	Bose construction Plot no: C524,TNHB Colony Villapuram, Madurai	24-Dec-23	25-Jan-24
57.	2021-2025	III Year / V Semester	720721103801	Dineshkumar S	Sri Ram Construction/Ram Agencies, Indian oil Petrol Bunk, Kambainallur, Karimangalam (TK), Dharmapuri	3-Jan-24	30-Jan-24
58.	2021-2025	III Year / V Semester	720721103802	Janarthanan S	Mariya Infra Structure, Jeya Maruthi Tower, Periyakulam road' ICIC BANK upstairs,	24-Dec-23	24-Dec-23

S. No.	Batch	Class / Semester	Register No.	Name of the Student	Name & Address of the Company	Period of Training	
						From	To
					Theni		
59.	2021-2025	III Year / V Semester	720721103803	Jegadeeshwaran R	Sri Ambal Constructions Trichy Main Road Pallathur	3-Jan-24	30-Jan-24
60.	2021-2025	III Year / V Semester	720721103805	Yeswanth M	Good will Constructions, Dharmapuri	2-Jan-24	25-Jan-24
61.	2021-2025	III Year / V Semester	720721103806	Moovendran M	Mylsomy Thottom 11/13 Thiruvalluvar Street,G.N.Mills, Coimbatore	24-Dec-23	23-Jan-24

8. List the distinguished alumni of the department (At least one alumnus per batch)

S. No	Batch	Name of Alumni	Designation	Name of organization/Company
1	2009 - 2013	Mr. G. Anandaraj	Project Manager	Sobha Limited, Bengaluru
2	2009 - 2013	Mr. S. Visakh	Researcher	Juelich Research Centre, Germany
3	2011 - 2015	Mr. Menta Hari Krishna	Engineer II / Field Engineer	AECOM India Private Limited, Hyderabad
4	2011 - 2015	Mr. B. Thamizhinian	Research Scholar	Indian Institute of Technology, Roorkee
5	2012 - 2016	Mr. M. Ramanathan	Assistant Engineer	Tamil Nadu Highways Department
6	2013 - 2017	Mr. M. Manikandan	Quantity Surveyor & Quality Controller	Pandian Chemicals Ltd., Chennai
7	2013 - 2017	Mr. S. Soundaryan	Archi Engineer	Gammon Construction & Engineering Pvt. Ltd., Singapore
8	2014 - 2018	Ms. V. Annapoorani	Captain	Indian Army
9	2014 - 2018	Mr. K. Vignesh	Technical Support Specialist	Infosys, Chennai
10	2015 - 2019	Mr. A. Abdul Khalid	Design Engineer – BIM and Steel Structures	J&F India Pvt. Ltd., Chennai
11	2015 - 2019	Mr. G. Saravanakumar	Lecturer	Government Polytechnic College, Coimbatore
12	2016 - 2020	Mr. T. Harrish	Proprietor	AKI Groups, Pudukkottai
13	2016-2020	Mr. BarathKumaran	Assistant Engineer	Water Resources Organisation, PWD
14	2017-2021	Mr. Sibi Kathi K M	Associate Software Engineer	Baryons Software Solution
15	2017-2021	Ms. Chandrapraba K	Draughtsman	Department of Survey and Land Records, Coimbatore
16	2018-2022	Mr. Mukeshkumar E	Executive Engineer	Pinnacle Infotech, Madurai
17	2018-2022	Mr. Riaz Ahamed	BIM Engineer	Pinnacle Infotech, Madurai
18	2019-2023	Mr. Gopi R	Site Supervisor	Dot2form Associates, Coimbatore
19	2019-2023	Mr. Sanjay Kumar A	Proprietor	Shanta Traders & Kumar Construction, Pudukkottai

8. Drop out Student Details:

S.No	Name of the Student	Year of Drop out	Reason for the Drop out
	NIL		

(VI) ACADEMIC SUPPORT ACTIVITIES

S. No	Description	Y/N
1	Graduate Exit Survey	Y
2	Course Exit Survey	Y
3	CO/PO attainment level	Y
4	Course Information Sheet	Y
5	Course File	Y
6	Time Table File	Y
7	Department Newsletter	Y
8	External Experts visits to the Department	Y
9	Discipline Committee	Y
10	Department Budget File	Y
11	Elective/Open Elective File	Y
12	Department Minutes of Meeting File	Y
13	Best Practices	Y
14	Department Extension Activities	Y
15	First aid supplies in department	Y

SWOC ANALYSIS

1. Highlight the Special Unique facilities of the department.

Online courses from premier national and international universities through platforms like Swayam, Coursera etc. with an option for credit transfer

Visual and auditory interactive classes like video presentation, power point presentation and NPTEL materials for easy and better understanding of the students

Inclusion of digital applications like Google Suite, Adobe Captive, Audacity, Kahoot, Hot Potatoes etc. for a more engaging and fun learning experience

Pre-employment training programmes for pre-final and final year students in association with various civil engineering associations and industries

Frequent special lectures by academicians, scientists, practicing engineers and industrial experts

Supplementary learning programs like symposiums, seminars and workshops provides a platform for the students to interact with people from reputed institutions, research organizations, construction industry and students from other institutions

Regular industrial visits and implant training for the students to meet the current industrial requirements and expectations

Value added courses on various drafting, analysis, design and project planning software applications like Revit Architecture, etc.

1.Detail major Strengths, Weakness, Opportunities and Challenges (SWOC) of the department

Strength	Weakness
<ol style="list-style-type: none"> 1. Multifaceted and dedicated faculty members and state-of-the art laboratories 2. Three faculty members with Ph.D 3. Strong links with the infrastructure industry, academic and research institutions 4. Adequate number of implant trainings and internships arranged for the students 5. Tapping alumni expertise for value addition 6. More number of webinars, FDPs and STTPs conducted. 7. Encouraging students to take up online courses on NPTEL, Coursera, edX etc. 8. Motivating students to participate in various co-curricular and extra-curricular activities 	<ol style="list-style-type: none"> 1. Research and development activities to be improved 2. Focus on patent recognition
Opportunities	Challenges
<ol style="list-style-type: none"> 1. Establishing a Centre of Excellence and enhancing research and development activities 	<ol style="list-style-type: none"> 1. Creating entrepreneurship awareness to the students 2. Keeping up with the rapid pacing of development in engineering and technology

<p>2. Signing more MoU's with industry and academic universities / colleges for industry integrated courses and twinning programmes</p> <p>3. Creating more internships in industry and organizing more industrial visits</p>	<p>3. Motivating the students to pursue higher studies</p>
---	--

2. Signing more MoU's with industry and academic universities / colleges for industry integrated courses and twinning programmes	3. Motivating the students to pursue higher studies
3. Creating more internships in industry and organizing more industrial visits	

1. Growth plans of the department:

- To sign MoU's with reputed construction companies and enhance the industry institute interaction to prepare the graduates to meet the demands of the industry
- To offer post graduate courses in Structural Engineering and Environmental Engineering

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 11/07/2024
with seal

[Signature]
Head of Department

Dr. K. AKIL, M.E., Ph.D.
PROFESSOR AND HEAD
DEPARTMENT OF CIVIL ENGINEERING
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
OTHAKKALMANDAPAM POST
COIMBATORE 641032

Report of Academic Audit

S.No.	Observations	Action taken
1.	Students can be encouraged to present papers / projects at national level conferences and project fairs.	Necessary guidance and support have been given to the students to present papers / projects at national level conferences and project fairs.
2.	Community / outreach activities of the department can be improved	Community / outreach activities are planned for the upcoming semester.

Academic audit team :

Signature of the team with date -

P. Jayal

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.
Professor & HOD
Dept. of Electronics & Communication Engg
Hindustan College of Engineering & Technology
Chembatore 541 032.

Action Taken Report by Department:

Necessary guidance & support have been given to the students to present papers / projects at national level conferences & project fairs. Community / Outreach activities are planned for the upcoming semester.

External Auditor: S. Balamurugan
18/7/2024

Dr. S. BALAMURUGAN
Professor & chair person. EEE
Amrith Vishwa Vidyalayam
Coimbatore - 641112



Hindusthan College of Engineering and Technology

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Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA

Tel: +91 422 4242424

www.hicet.ac.in



ACADEMIC AUDIT WITH ACTION TAKEN REPORT

ACADEMIC YEAR :2023-2024



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Ref: HICET/AA/AY 2024-2025/07


03.07.2024

CIRCULAR

As the Academic Audit for the AY 2023-2024 is scheduled on 15.07.2024 & 16.07.2024, the following various departments are requested to submit the final copy of documents to EEE department on or before 13.07.2024.

S.NO	Department to the Audited	DATE	Name of the Auditors
1	AERO	15.07.2024	Dr.N.P.Ananthamoorthy / Professor and HoD/EEE
2	AUTO		Dr.S.Shankar Professor and HoD/CSE
3	CIVIL		Dr.P. Vijayalakshmi Professor and HoD/ECE
4	CSE		Dr. Sabrigiriraj M Professor and HoD/IT
5	EEE		Dr..Anand / IQAC Co-ordinator
6	ECE		Dr. Siva Kathirvelsamy Professor and HoD/MECH
7	E&I		Dr. Gopinathan V T Professor And Hod/AERO
8	MECH		Dr.Akil K Professor and HoD/CIVIL
9	MECT		Dr.Sabarinathan Professor and HoD/AUTO
10	IT		Dr.P.T.Saravanakumar Professor and HoD/
11	AGRI	16.07.2024	Dr Saravana Sundaram . Professor and HoD/BME
12	BME		Dr.N.Sridhar Professor and HoD/AGRI
13	CHEM		Dr.G.Jeevarathinam Professor and HoD/FT
14	FT		Dr.M.Seenuvasan Professor and HoD/
15	AIML		Dr.K.P.Uma Professor and HoD/
16	S&H		Dr.N.P.Ananthamoorthy / Professor and HoD/EEE

17	MBA	Dr. Jaya Sudha A R Professor and HoD/ MCA
18	MCA	Dr. Kaarthikheyan V Professor and HoD/MBA


 Dr. N.P. Ananthamoorthy
 Professor and HoD/EEE
 Co-Ordinator


 PRINCIPAL

To
 Deans/Directors
 All HoD's/CoE/All Establishments
 Office Manager/Library Corporatr Cell/Physical Director
 File

Copy to
 The Managing Trustee
 The CEO

Name of the Auditor	DATE	Remarks
		1
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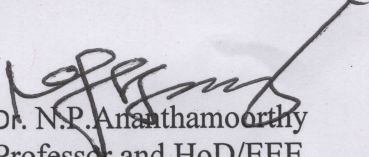
Ref: HICET/AAR/AY 2024-2025/08

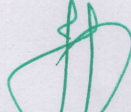
17/7/2024

CIRCULAR

As the internal Academic Audit (AY 2023-2024) is completed on 15.07.2024 and 16.07.2024, heads of the department are requested to prepare the Action Taken Report.

In this connection, an external audit is scheduled on 18.07.2024. Kindly prepare all the necessary documents for the smooth with the external audit for the smooth conduct of external Audit.


Dr. N.P. Ananthamoorthy
Professor and HoD/EEE
Co-Ordinator

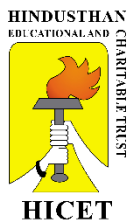

PRINCIPAL

To

Deans/Directors
All HoD's/CoE/All Establishments
Office Manager/Library Corporatr Cell/Physical Director
File

Copy to

The Managing Trustee
The CEO



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ACADEMIC AUDIT (Academic year: 2023 - 24)

(All details should be given only for the Academic year: 2023-24)

July 2023 - June 2024

Name of the Department : Computer Science and Engineering

Year of Establishment : 2000

Programmes offered by the Department:

UG & Year of Establishment	PG & Year of Establishment
B.E CSE & 2000	M.E CSE & 2011

VISION

To excel in developing **technologically superior**, highly competent and **socially conscious** professionals in computer science and engineering with **cutting-edge research skills**.

MISSION

Mission 1: To equip the students with **technical knowledge** and expertise essential for success in their professional career.

Mission 2: To develop **highly qualified and creative** computer science and engineering professionals proficient in cutting-edge technologies with **leadership qualities**.

Mission 3: To empower students to develop innovative solutions for industrial and societal challenges **upholding ethical values**.

OBJECTIVES SET BY THE DEPARTMENT
Program Educational Objective (PEO)
<ul style="list-style-type: none">● PEO1: To acquire knowledge in the latest technologies and innovations with an ability to recognize, analyze, and solve problems in computer science and engineering.● PEO2: To develop highly skilled computer science and engineering professionals proficient in latest technologies with leadership qualities.● PEO3: To empower students to create innovative solutions for industrial challenges that meet societal needs.
Program Outcomes (POs)

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Outcomes (PSO)

- **PSO1:** An ability to utilize modern tools and techniques for efficient system design and implementation for computer-based systems in solving engineering problems.
- **PSO2:** An ability in developing robust and secure software systems for diverse applications.

(I) GENERAL INFORMATION OF THE DEPARTMENT

1. Head of the Department : Dr.S.Shankar
2. Admission Details (UG and PG separately) for the last 3 years

S. No	Year	Intake	Admitted
UG			
1	2021 - 2022	180	188
2	2022 - 2023	180	189
3	2023 - 2024	180	189
PG			
1	2021-2022	18	18
2	2022-2023	18	13
3	2023-2024	18	18

3. Number of Students (Current Academic Year: 2023-2024)

UG	I Year:	192	II Year:	200	III Year:	201	IV year:	204
PG	I Year:	18	II Year:	13				

Based on Gender				
	Year	Male	Female	Total
UG	I year	144	48	192
	II year	139	61	200
	III year	160	41	201
	IV year	179	25	204
PG	I year	11	7	18
	II year	7	6	13

Based on Territory				
UG	Year	Tamil Nadu	Other States	Total
	I year	179	11	190
	II year	191	9	200
	III year	177	24	201
	IV year	171	33	204
PG	I year	18	0	18
	II year	13	0	13

Based on Community								
UG	Year	OC	BC	BCM	MBC	SC	ST	Total
	I year	12	108	6	44	20	0	190
	II year	15	107	6	50	22	0	200
	III year	16	117	3	44	21	0	201
	IV year	25	110	8	44	16	1	204
PG	I year	0	11	1	5	1	0	18
	II year	0	6	2	3	2	0	13

4. Number of the Faculty Members

Sanctioned	Male	Female	Total
Existing	20	27	47

Designation	Required as per norms	Available	Vacant if any
Professor	4	5	-
Associate Professor	8	11	-
Assistant Professor	24	31	-
Total	36	47	-

5. Faculty profile with name, qualification, designation and experience

S. No	Name of the Faculty	Qualification	Designation	Years of Experience
1	DR SHANKAR S	M.E., Ph.D	PROFESSOR & HEAD	22.7
2	DR SAKTHI G	M.E., Ph.D	PROFESSOR	21.9
3	DR S UMA	M.E., Ph.D	PROFESSOR	31.9
4	DR M AMUTHA	M.E., Ph.D	PROFESSOR	21.8
5	DR S DHANABAL	M.E., Ph.D	PROFESSOR	21.9
6	DR VIJI C	M.E., Ph.D	ASSOCIATE PROFESSOR	11.7
7	DR RAJKUMAR N	M.E., Ph.D	ASSOCIATE PROFESSOR	11.7
8	DR S KOUSALYA DEVI	M.E., Ph.D	ASSOCIATE PROFESSOR	22.11
9	DR SATHEESH KUMAR D	M.E., Ph.D	ASSOCIATE PROFESSOR	17.7
10	DR PRAKASH J	M.E., Ph.D	ASSOCIATE PROFESSOR	14.11
11	DR ANANTHI J	M.E., Ph.D	ASSOCIATE PROFESSOR	12
12	DR RAMYA DEVI M	M.E., Ph.D	ASSOCIATE PROFESSOR	15
13	MR MAGESH D	M.E	ASSOCIATE PROFESSOR	16.8
14	MR JAYARAJ R	M.E (Ph.D)	ASSOCIATE PROFESSOR	15.2
15	MR KRISHNAMURTHY N	M.E	ASSOCIATE PROFESSOR	21.11
16	MR RAJAGOPAL T K P	M.E (Ph.D)	ASSOCIATE PROFESSOR	23.4
17	MS RAMYA K	M.E	ASSISTANT PROFESSOR	13.6
18	MS VIDHYA A	M.E	ASSISTANT PROFESSOR	11.9
19	MS KARTHIGA D	M.E	ASSISTANT PROFESSOR	9.10
20	MR VIGNESWARAN S	M.E	ASSISTANT PROFESSOR	9.10
21	MS REENA B	M.E	ASSISTANT PROFESSOR	18.1
22	MS GAAYATHRI G	M.E	ASSISTANT PROFESSOR	11.7
23	MS UMA PRIYA M	M.E	ASSISTANT PROFESSOR	11.8
24	MS SHERIN A	M.E (Ph.D)	ASSISTANT PROFESSOR	8.9
25	MS NISHA NANDHINI A	M.E (Ph.D)	ASSISTANT PROFESSOR	6.8
26	MS SREELEKHA K V	M.Tech	ASSISTANT PROFESSOR	10.10
27	MS SWATHY V	M.E	ASSISTANT PROFESSOR	3.9
28	MS SATHYA S	M.E	ASSISTANT PROFESSOR	14.4

29	MS PRIYA N	M.E	ASSISTANT PROFESSOR	12.11
30	MS GAYATHRI R	M.E (Ph.D)	ASSISTANT PROFESSOR	16.10
31	MR PRIYADHARSHAN M	M.E (Ph.D)	ASSISTANT PROFESSOR	6.2
32	MR BHARATHI KANNAN B	M.E (Ph.D)	ASSISTANT PROFESSOR	11.8
33	MR. VENKATESHWARAN N	M.E	ASSISTANT PROFESSOR	2.9
34	MS MAGALAKSHMI V B	M.E	ASSISTANT PROFESSOR	2.9
35	MS M AMUTHAVALLI	M.E	ASSISTANT PROFESSOR	10.11
36	MR KARTHIKEYAN K	M.E (Ph.D)	ASSISTANT PROFESSOR	9.6
37	MR M RAVIKUMAR	M.E (Ph.D)	ASSISTANT PROFESSOR	11.8
38	MR P ARUL SELVAM	M.E (Ph.D)	ASSISTANT PROFESSOR	12.11
39	MR DEEBANCHAKKARAW ARTHI G	M.E (Ph.D)	ASSISTANT PROFESSOR	13.9
40	MR SURAJ R	M.E	ASSISTANT PROFESSOR	1.10
41	MR. MUTHU AYYANAR V	M.E	ASSISTANT PROFESSOR	1.10
42	DR A PRIYA	M.Tech	ASSISTANT PROFESSOR	1
43	MS V DEVI	M.E (Ph.D)	ASSISTANT PROFESSOR	16.11
44	MS J SHERIN	M.E	ASSISTANT PROFESSOR	0.10
45	MR LAKSHMANAN	M.E	ASSISTANT PROFESSOR	14.10
46	MS GOKILA A	M.E	ASSISTANT PROFESSOR	0.9
47	MR K VIJAYALAKSHMI	M.E	ASSISTANT PROFESSOR	0.9

6. Number of the Faculty Members awarded in the current Academic Year

	Full Time	Part Time	Total
PDF	-	-	-
PhD	-	2	2
Recognized Guides	-	1	1
Others	-	-	-

7. Number of Faculty Members Pursuing in the current Academic Year

	Full Time	Part Time	Total
PDF	-		
PhD	-	7	7
Recognized Guides	-		
Others	-		

8. List of visiting Fellows/ Adjunct Faculty

S. No	Name of visiting /Teachers, Adjunct and Emeritus Professors	Designation/Address
	NIL	

9.Membership details of Faculty Members

S. No	Name of Faculty	Membership in professional bodies	Membership Number
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1	Dr. S SHANKAR	Computer Society of India	F8001557
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2	Dr. SAKTHI G	ISTE (Indian Society for Technical Education – New Delhi)	LM 104721
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		ISRS (Indian Society of Remote Sensing, Dehradun)	L-3929
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		IAENG (International Association of ENGINEERS – Hong Kong)	135686
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		CSTA (Computer Society Teachers Association –New York)	6276675
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		Computer Society of India	M -8003350
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3	Dr. PRAKASH J.	International Association of Engineers(IAENG)	274117
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		The Indian Institute Of Engineers (IIT)	AM171231-7
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		The Society of Digital Information and Wireless Communication (SDIWC)	29096
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		Computer Science and Teachers Association (CSTA)	198357995555
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4	Mr. MAGESH D	IAENG (International Association of Engineers)	138204
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		Computer Science and Teachers Association (CSTA)	983457935
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		IFERP	PM18067592
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		SDIWC	8768
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5	Ms. MEHALA G	IAENG (International Association of Engineers)	112906
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6	Mr. JAYARAJ R	Computer Society of India	F8003733
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7	Ms. ANANTHI J	IAENG (International Association of Engineers)	149164
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		AMIE-Associate Member of The Institutions of Engineers (India)	AM147142-5
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8	Ms.RAMYA K	The Institutions of Engineers (India)	AM1712325
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9	Ms. RAMYA DEVI M	IAENG - International Association of Engineers	192521
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		IAOE - International Association of Online Engineering	11248
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10	Ms. REENA B	IAENG - International Association of Engineers	270068
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11	Ms.GAAYATHRI G	Indian Society for Technical Education	LM64449
		IAENG (International Association of Engineers)	141428
		Computer Society of India	L1501170
12	Ms. UMA PRIYA M	IAENG (International Association of Engineers), IAENG Society of Artificial Intelligence, IAENG Society of Computer Science	192526
13	Ms. SHERIN A	IAENG (International Association of Engineers)	262224
14	Ms. SOWMIKA S	International Computer Science and Engineering Society (ICSES)	2810
15	Mr. BHUVANESH S	International Computer Science and Engineering Society (ICSES)	2794
16	Ms.A.GOMATHY	IAENG (International Association of Engineers)	249616
17	Mr.T.K.P RAJAGOPAL	Institute of Electrical and Electronics Engineers (IEEE) Membership	95579590
		Indian Science and Technical Education (ISTE)	LM 42330
		Computer Society of India (CSI)	N1148492
18	Ms. SREELEKHA K V	Indian Science and Technical Education (ISTE)	LM97792
19	Ms SATHYA S	IAENG (International Association of Engineers)	296805
20	Ms GAYATHRI R	International Association of Engineers	297115
21	Mr. BHARATHI KANNAN B	IFERP	PM78253419

10. Information about research grants, projects completed / ongoing during the period of **last 3 years** from National funding Agencies only (like AICTE, UGC, CSIR, DST, DBT, & others etc.,)

S.No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
1	2019-2020	Dr.B.Dhiyanesh	National Level Technical Symposium	All India Council for Technical Education(AICTE) - Short Term Training Program(STTP)	0.15	Completed
2	2020-2021	Dr Shankar S	- Short Term Training Program(STTP)	All India Council for Technical Education(AICTE)	2.8	Completed
3	2021-2022	Dr Jaya J Dr Sabarinathan C Dr Shankar S	Intelligent Data Engineering and Automation Lab (IDEA LAB)	All India Council for Technical Education (AICTE) -	100	Completed
4	2022-2023	Dr. S.Uma	Empowering women for Rural Development and Sustainability using Digital Library	ICSSR, New Delhi	3	Completed

* List are to be attached separately

11.Awards / Prizes /recognitions received by teachers at national and international level / professional societies

S. No	Name of Faculty	Date of Award	Name of the Award	Name of the Professional Society
			NIL	

12. Details of faculty members who acted as resource persons for Orientation courses, Seminars, Guest Lectures, Workshops, and Conferences at national and international levels (Outside the parent institutions)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	Dr.S.Dhanabal	28.07.2023	Soft Computing Techniques for Medical Diagnosis, Prognosis and Treatment	Department of Information Technology, Coimbatore Institute of Engineering and Technology, Coimbatore	Coimbatore
2	Dr.S.Dhanabal	19.06.2024	Introduction to Virtual Reality	Faculty Development Training Centre, Government College of Technology	Coimbatore
3	Dr.D.Satheesh Kumar	15.12.2023	Python for scientific computing and engineering	R.P.Sarathy Institute of Technology	Coimbatore
4	Dr.D.Satheesh Kumar	30.05.2024	Poster presentation of Business plan and linkage with Innovation Ambassadors	R.P.Sarathy Institute of Technology	Coimbatore

13. Participation of faculty members in various academic activities as members of committees at other Institutions like BoS, Academic Council, etc.,

S. No	Month & Year	Name of the Faculty Members	Name of the body / committee the teacher participated

14. Details of faculty members appointed/nominated on Editorial Boards of peer reviewed journals/ International conferences

S. No	Name of the Faculty Members	Name of Editorial Boards of peer reviewed journals & National/International conference
1.	Dr.S.SHANKAR	International Journal of Data Science and Analytics - Springer Nature
2.	Dr.S.SHANKAR	Journal of Economics, Management and Trade - Web of Science
3.	Dr.S.SHANKAR	Asian Journal of Economics, Finance and Management
4.	Dr.S.SHANKAR	International Conference on Electrical Electronics Communication Computing and Automation
5.	Dr.S.SHANKAR	Current Journal of Applied Science and Technology
6.	Dr.S.SHANKAR	Journal Advances in Mathematics and Computer Science
7.	Dr.S.SHANKAR	The Journal Supercomputing
8.	Dr.S.SHANKAR	Asian Journal of Economics, Business and Accounting
9.	Dr.S.SHANKAR	Asian Journal of Research in Computer Science
10.	Dr.S.SHANKAR	Asian Journal of Agricultural Extension, Economics & Sociology
11.	Dr.S.SHANKAR	Asian Journal of Probability and Statistics
12.	Dr.S.SHANKAR	Asian Journal of Agricultural Extension, Economics & Sociology
13.	Dr.S.SHANKAR	BP International
14.	Dr.S.SHANKAR	Asian Journal of Economics, Finance and Management
15.	Dr.S.SHANKAR	Approximation of Fixed Points of Contactive Operators by a Stochastic Iterative Algorithm
16.	Dr.S.SHANKAR	Advancements in Electrical Electronics Communication Computing and Automation
17.	Dr.S.SHANKAR	International Journal of Communication Systems
18.	Dr.S.SHANKAR	International Journal of Science and Technology
19.	Dr.S.SHANKAR	Pearson Education
20.	Dr.S.SHANKAR	Image And Brain Signal Processing Based Drowsiness Detecting and Alarming System
21.	Dr.S.SHANKAR	International Conference on Advances in Science, Engineering and Technology
22.	Dr.S.SHANKAR	International Conference on Science, Technology, Engineering and Management
23.	Dr.S.SHANKAR	International Conference on Electrical Electronics Communication Computing and Automation, 2023 Kumaraguru College of Technology
24.	Dr.S.SHANKAR	International Conference on Artificial Intelligence and Block Chain (ICAIBC) – 2023, Bannari Amman Institute of Technology.
25.	Dr.S.SHANKAR	International Journal of Data Science and Analytics - Springer Nature
26.	Dr.S.SHANKAR	Journal of Economics, Management and Trade - Web of Science
27.	Dr.S.SHANKAR	Asian Journal of Economics, Finance and Management

28.	Dr.S.SHANKAR	International Conference on Electrical Electronics Communication Computing and Automation
29.	Dr.S.SHANKAR	Current Journal of Applied Science and Technology
30.	Dr.D.SATHEESH KUMAR	1. Computer Systems Science and Engineering, ISSN: 0267-6192
31.	Dr.D.SATHEESH KUMAR	2. Intelligent Automation & Soft Computing, ISSN: 1079-8587
32.	Dr.D.SATHEESH KUMAR	3. Computers, Materials & Continua, ISSN: 1546-2218
33.	Dr.D.SATHEESH KUMAR	4. International Journal of Sensors, Wireless Communications and Control ISSN (Print): 2210-3279
34.	Dr.D.SATHEESH KUMAR	5. Wireless personal communications, ISSN: 0929-6212
35.	Dr.D.SATHEESH KUMAR	6. Ad Hoc & Sensor Wireless Networks, ISSN: 1551-9899
36.	Dr.D.SATHEESH KUMAR	7. Peer-to-Peer Networking and Applications, ISSN:1936-6442
37.	Dr.D.SATHEESH KUMAR	8. Telecommunication Systems, ISSN:1018-4864
38.	Dr.D.SATHEESH KUMAR	9. Scientific Reports ISSN: 2045-2322

15. Details of Number of Research Scholars Produced & Ongoing Details:

S.No.	Name of the Faculty	Awards			PhD		Projects		
		State	National	International	Produced	Ongoing	Major	Minor	Amount (in Rs.)
	Dr.S.Shankar				11	5			
	Dr.S.Dhanabal				-	7			

16. Details of Seminars / Conferences/ Workshops /Guest Lectures organized by the faculty members with funding from Government / NGOs

S. N o	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of benefi ciaries	Fundi ng agency
						NIL

17. Details of Seminars / Conferences/ Workshops /Guest Lecture organized by the Faculty Members (Not covered under Sl.No.16)

S. No	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of beneficiaries
1.	Dr.A.Priya,Mr.Deebanchakkaravarthi	Guest lecture	Data Science for industrial use cases	25.04.2024	98
2.	Mr.K.lakshmanan,Mr.P.Arulselvan	Webinar	Intellectual Property Rights	18.4.2024	101
3.	Ms.R.Gayathiri, Mr.B.Bharathikannan	Seminar	Overseas Education-Study abroad	4.4.2024	110
4.	Dr.J.Prakash,Mr.B.Bharathikannan	Webinar	Power of Youth	12.1.2024	64
5.	Dr.J.Prakash,Mr.B.Bharathikannan	Seminar	Choosing the Right path:Values and Higher Education	6.10.2023	55
6.	Dr.S.Dhanabal, Mr.B.Bharathikannan	Webinar	Scientific publishing by Design Thinking	21.12.2023	55
7.	Ms.N.Priya,Ms.B.Reena	Webinar	Gender Equity	11.5.2024	120
8.	Mr.B.Bharathikannan,Mr.Ravikumar	Seminar	Language models in Python	28.2.2024	226
9.	Dr.J.Prakash,Mr.B.Bharathikannan	workshop	Build your own AI models	28.7.2023	248
10.	Ms.N.Priya,Ms.B.Reena	Guest lecture	Indian Constitution-Roles and responsibilities of Citizens	1.7.2023	81

18. Details of the Faculty Members who attended Training on both Industry and Academia

S. No	Date	Name of the Faculty	Name of the Industry	Outcomes of the visits

19. Details of the Faculty Members who participated in FDP/Seminar/Workshop/STTP/ Training program

S. No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/ STTP/ Training program	Name of Organizing Institute	Place
Workshops					
Seminars					
FDP					
1	Dr S DHANABAL	03/07/2023 to 18-7-2023	FDP	SRM ,Ramapuram campus, chennai	
2	ARUL SELVAM P	08-01-2023	FDP	nptel	
3	ARUL SELVAM P	22/05/2023 to 26/05/2023	FDP	HICET	
4	ARUL SELVAM P	10th July 2023 to 14th July 2023.	FDP	Dr.D.Y.Patil institute of engineering, management and research	
5	ARUL SELVAM P	24-07-2023 to 26-07-2023.	FDP	ADITHYA INSTITUTE OF TECHNOLOGY	
6	ARUL SELVAM P	21/08/2023 to 25/08/2023	FDP	brain o vision solutions india pvt.ltd	
7	ARUL SELVAM P	18/12/2023 to 23/12/2023.	FDP	AICTE Training and Learning (ATAL) Academy	
8	Lakshmanan K	24-07-2023 to 26-07-2023.	FDP	ADITHYA INSTITUTE OF TECHNOLOGY	
9	Lakshmanan K	22-8-23 to 26-8-23	FDP	JCT College of Engineering and Technology	
10	Lakshmanan K	21/08/2023 to 25/08/2023	FDP	brain o vision solutions india pvt.ltd	
11	Dr.J.Prakash	10th July 2023 to 14th July 2023.	FDP	Dr. D Y Patil Institute of Engineering and Management Research, Akurdi.	
12	Dr.J.Prakash	24-07-2023 to 26-07-2023.	FDP	ADITHYA INSTITUTE OF TECHNOLOGY	

13	Dr. Priya A	11/12/2023 to 16/12/2023.	FDP	ATAL	
14	Dr. Priya A	26.06.2023 to 30.06.2023.	FDP	HICET	
15	Dr. Priya. A	18/12/2023 to 23/12/2023.	FDP	AICTE Training and Learning (ATAL) Academy	
16	Dr. Priya A	24-07-2023 to 26-07-2023.	FDP	ADITHYA INSTITUTE OF TECHNOLOGY	
17	Dr. Priya A	21/08/2023 to 25/08/2023	FDP	brain o vision solutions india pvt.ltd	
18	Dr. Priya A	21/08/2023 to 25/8/23	FDP	Presidency university	
19	ARUL SELVAM P	22/05/2023 to 26/05/2023	FDP	HICET	
20	M.Amuthavalli	19/02/2024 to 23/2/2024	FDP	ICT Academy	
STTP					
Trainings					
	Dr. Priya A	01.02.2024 to 10.02.2024.	Training Program	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Gandhigram Rural Institute - DTBU, Gandhigram, Dindigul,	

20. Details of Online courses completed by the Faculty Members

S. No	Name of Staff	Durati on	Title of the Course	Platform (NPTEL / Coursera / other Online Courses)	Remarks

21. Details of Papers/ Journal Publications /conferences

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN/ISBN		Reviewer	
		International	National	State	International	National	State	Books	Articles	National	International
1.	Dr.S. Shankar	1			2						10
2.	Dr.D. Satheesh Kumar	4			4						12
3.	Sreelekha, K.V.,	1			1						
4.	Dr.Amutha	1			1						
5.	P Arulselvam	2									1
6.	M. Ramya Devi	1			2						
7.	Lakshmanan K	1									
8.	V.Devi,	3			1						

* Proof of First page of Journal details are to be attached separately

22. Number of Academic support staff (technical) and administrative staff

S. No	Name	Designation	Qualification	Experience
1	H.MOHAMMED ALI JINNA	SYSTEM ADMINISTRATOR	MCA	16 years
2	GANESHAN A	LAB TECHNICIAN	MCA	5 years
3	ARUN KUMAR N	LAB TECHNICIAN	B.SC	1 year
4	RANJINI.V	LAB TECHNICIAN	M.SC	2 years
5	D.PREM KUMAR	LAB TECHNICIAN	B.E	19 years
6	M.RAMESHKUMAR	LAB TECHNICIAN	B.SC	7 years
7	P.MANGAYARKARASI	ATTENDER	D.COOP,DTED	13 years

23. MOU's Details

S. No	Name of the Company	Year of MOU signed	MOU Policy Details
1	DESYNDEV,CHENNAI	09.12.2023	
2	XPLORE IT CORP	09.02.2023	
3	EMGLITZ TECHNOLOGIES	11..8.2022	
4	SCOPIK EDUTECH PVT LTD	11.08.222	
5	REZI	14.11.2022	
6	INMAKES INFOTECH PVT.LTD	25-05-2022	
7	MUKKUDAL ROBOTICS	17-02-2022	
8	VEI TECHNOLOGIES PRIVATE LIMITED	30-09-2021	
9	TOP FRESHERS TECHNOLOGIES PRIVATE LIMITED	18-08-2021	
10	PUPILFIRST PRIVATE LIMITED	11-08-2021	
11	HAQTO TECHNOLOGIES PRIVATE LIMITED	19-03-2021	
12	IBM	14-09-2020	
13	IMARTICUS LEARNING PRIVATE LIMITED	01-09-2020	
14	GUVI Geek Network Private Ltd	20-02-2020	
15	CLOUD BULL	27-12-2018	
16	REDHAT	06-09-2018	
17	LINUXPERT SYSTEM	23-08-2016	
18	JMJ INSTITUTE FOR SOFTWARE TRAINING	24-08-2016	
19	IN22LABS	21-12-2015	
20	MINDNOTIX SOFTWARE SOLUTIONS	12-09-2015	
21	UTL TECHNOLOGIES	13-07-2015	
22	INFOSYS CAMPUS CONNECT	03-10-2015	
23	KEY MIND	31-08-2015	
24	YOKOGAWA INDIA PRIVATE LIMITED	14-08-2015	
25	IT-ITES SECTOR SKILLS COUNCIL NASSCOM	13-10-2014	
26	MANAGEMENT ASSESMENT AND CERTIFICATION PVT LTD	12-04-2012	

24. Details of Department club Activities

S.No	Name of the Club	Name of faculty in charge for the club	Activities of the club
1	AR Club	Dr.S.Shankar	Webinar on Analytics Through IBM Cognos
2	AR Club	Dr.S.Shankar	Webinar on Data Wrangling & Data Cleaning

25. Academic Toppers Details

S. No	Name of the Student	Class & Section	Percentage
1.	DANIEL K SHAJI	IV CSE A	9.26
2.	Kamalesh S	IV CSE B	9.22
3.	Vikram S	IV CSE C	9.82
4.	DEEPTI S	III CSE A	9.14
5.	Kabilan R	III CSE B	9.3
6.	SATHISH.S	III CSE C	9.33
7.	ABINAYA SRI. R	II CSE A	9.4
8.	C J FRANCLEENA	II CSE B	9.24
9.	NATHISHA S	II CSE C	9.04
10.	DANIEL K SHAJI	IV CSE A	9.26

26. Student Placement Details

Total number of students	Total number of eligible students	Total number of placed students	Percentage of Placed
204	181	170	83.33

* List are to be attached separately

27. Student Higher Studies Details

Number of students doing higher studies (UG to PG)	Number of students doing higher studies (PG to PhD)	Number of students inside India	Number of students outside India
5	0	4	1

* List are to be attached separately

28. Student as Entrepreneur Details

Entrepreneur after UG	Entrepreneur after PG	Percentage of Entrepreneur in total outcome of students

* List are to be attached separately

(II) CURRICULAR ASPECTS

1. Year in which the present syllabi have been revised:
2. Course / Topics included in the revised syllabus:
3. Curriculum & Syllabus standard on par with National/International standard benchmark following CBCS, OBE, and Blooms Taxonomy concepts:
4. Name of the Benchmark Institution referred:
5. Is the overall curriculum and Syllabus focused towards Institutional Graduate Attributes:

S.NO	Descriptions	Y/N
1	Standard of the syllabi	Y
2	Relevance of the syllabus for Industrial Need	Y
3	Standard of Electives	Y
4	Standard of Learning resources used	Y
5	Course Objectives and Outcomes	Y
6	Mapping done on par with Course Outcome	Y
7	Focus of curriculum and Syllabus towards Institutional Graduate Attributes	Y
8	Standard of Counselling records	Y
9	Industrial visits up to the mark of need based technology	Y
10	Digital tool usage in syllabi	Y
11	Consulting Industrial experts to frame curriculum and Syllabus	Y
12	Consulting Academic experts to frame curriculum and Syllabus	Y
13	Consulting Alumni to frame curriculum and Syllabus	Y

(III) TEACHING, LEARNING AND EVALUATION

S.NO	Descriptions	Y/N
1	Academic Calendar	Y
2	Allotment of teaching Hours for each subject is sufficient	Y
3	Maintenance of log book	Y
4	Standard of delivering the lectures by the staff members	Y
5	Sufficient number of assignment/seminars delivered by the students in each subject	Y
6	List of Learning resources available	Y
7	Coverage of the syllabus in time	Y
8	Content beyond the syllabus	Y
9	Usage of ICT tools	Y
10	Mapping done on par with Program outcomes and Course Outcomes	Y
11	Mapping done on par with Program Specific outcomes and Course Outcomes	Y
12	Standard of Question paper	Y
13	Result analysis	Y
14	Is proper corrective action initiated	Y
15	Level of Remedial records	Y
16	Periodical department discussion of academic progress [Minutes of meeting]	Y
17	Industrial visits organized	Y
18	Special attention taken on slow learners/remedial record	Y
19	Feedback analysis 1.Parents Feedback 2.Students Feedback 3.Alumni Feedback 4. Employer Feedback 5. Employee Feedback 6.Academic Experts Feedback	Y

Outcome Based Education (OBE):

1. PO attainment: (for 2023 passed out students)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Target	1.82	1.69	1.59	1.51	1.59	1.19	1.13	1.18	1.36	1.42	1.3	1.45
Attainment	2.61	2.41	2.26	2.18	2.29	1.71	1.59	1.64	1.93	2.05	1.84	2.08

Gap Analysis:

2. PSO attainment: (for 2023 passed out students)

PSOs	PSO1	PSO2
Target	1.47	2.12
Attainment	1.51	2.16

Gap Analysis:

3. PEO attainment: (for 2020/2021 passed out students)

PEOs	PEO1	PEO2
Target	NA	
Attainment		

Gap Analysis:

(IV) INFRASTRUCTURAL FACILITIES

S.NO	Infrastructural facilities	Y/N
1	Adequate No. of Class Rooms/ Staff Room	Y
2	Adequate No. of books	Y
3	Adequate No. of Periodicals/Journals	Y
4	Adequate No. of Teaching Aids	Y
5	Adequate No. of Computers in the Lab	Y
6	Adequate Laboratory Equipment and facilities	Y
7	Adequate Budget/ Fund allotted to the Department	Y

1. Details of the laboratories in the department

S.No	Name of the Laboratory	Area (m ²)
1	Multimedia and Networks Laboratory	78.64 Sq.m
2	RDBMS & CASE Tools Laboratory	78.64 Sq.m
3	Programming Laboratory	111.02 Sq.m
4	Networking and OS Laboratory	75 Sq.m
Others (Research Labs / Centre of Excellence, etc.)		
AR Research Lab, IBM Centre of Excellence in AI, Centre of Excellence with RedHat Academy		

2. List of major equipment (value more than Rs.50,000)

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1	AR Research Lab	Workstation: HP: ZBOOK 15V G5 Note Book	HP	1	Rs. 1,07,500	Rs. 1,07,500
2	AR Research Lab	Workstation: HP: PAV 27-qb0070IN	HP	1	Rs 1,30,641.03	Rs 1,30,641.03
3	Multimedia and Networks Laboratory	DELL OPHPLEX 390X CORE I3, 304GHZ PROCESSOR, 4GB, DDR3 RAM, 320GB HDD LED COLOR MONITOR (29 Nos.)	DELL	29	Rs 23000	Rs 6,67,000
4	RDBMS & CASE Tools Laboratory	HP DT 280G3 CI7, 7TH GEN, 8GB, 1TB HDD LED TFT MONITOR (35 Nos.)	HP	35	Rs 40120	Rs 14,04,200
5	Programming Laboratory	HP 280 G2 MT INTEL CORE I5-6500 320 GHZ 500GB HDD 4 GB DDR4 RAM HP LCD MONITOR KEYBOARD AND MOUSE (100 Nos.)	HP	100	30707	Rs 30,70,700

3. Details of new labs established in the current academic year

S.No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
NIL						

4. Details of Laboratory records

S. No	Name of the Faculty/ Designation	Name of the Laboratory	Lab manual	Master Record of all the lab courses offered in the lab	Sample record note books	Lab capital register with a separate file for proposal, purchase order, bills and AMC	Lab consumable register with a separate file for proposal, purchase order and bills	Lab equipment preventive and breakdown maintenance register with proposal and bills
1	Dr.D.Satheesh Kumar	Programmin g Laboratory	Y	Y	Y	Y	Y	Y
2	Mr D Magesh	RDBMS and CASE Tools Lab	Y	Y	Y	Y	Y	Y
3	Dr. J Prakash	Networks and Multimedia Lab	Y	Y	Y	Y	Y	Y

5. Present details of departmental infrastructural & other facilities with regard to Departmental Library (Vol., books, journals etc.)

Books	Journals	
	International	National
1216	NIL	

* List of Journals are to be attached separately

(V) STUDENT SUPPORT, PARTICIPATION AND PROGRESSION

S. No	Description	Y/N
1	The student's grievances record	Y
2	Counselling by outside source	Y
3	Committee for prevention of ragging (Dept./college) ?	Y
4	Efforts taken for placement of students - Placement	Y
5	Students awareness of competitive avenues like GATE,CSIR, various entrance examinations for Ph.D. admission and students fellowships	Y
6	Register for alumni of the department with their addresses-Alumni register	Y
7	Class Committee Meeting	Y
8	Peer Group Meeting	Y
9	Coaching for students for skills training by outside experts/by teachers	Y

1. Year-wise results of students at UG and PG (last 3 years) (Separate table for UG and PG)

Year		UG	Appeared	Passed	Pass %
ODD SEM	2022- 2023				
2021-2025		II	200	133	66.5
2020-2024		III	205	156	76.09
2019-2023		IV	175	160	91.42
EVEN SEM					
2021-2025		II	200	142	71.00
2020-2024		III	204	147	72.05
2019-2023		IV	176	140	79.54
ODD SEM		2021-2022			
2020-2024	II		206	201	97.57
2019-2023	III		176	170	96.59
2018-2022	IV		148	147	99.32
EVEN SEM					
2020-2024	II		206	172	83.49
2019-2023	III		176	158	89.77
2018-2022	IV		147	146	99.32
ODD SEM	2020-2021				
2019-2023		II	177	162	91.53
2018-2022		III	148	131	88.51
2017-2021		IV	161	147	91.3
EVEN SEM					
2019-2023		II	176	170	96.59
2018-2022		III	148	143	96.62
2017-2021		IV	162	158	97.5
		Year	PG	Appeared	Passed
	ODD SEM				
	2022-2023	I	13	11	85.71
	2022-2023	II	18	17	94
	2021-2022	I	18	17	94
	2021-2022	II	15	12	80
	EVEN SEM				
	2022-2023	I	-	-	-
	2022-2023	II	-	-	-
	2021-2022	I	18	17	94
	2021-2022	II	15	14	94

2. Awards and Prizes received by students at various events conducted at University, state, national and international level

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
1	720722104010	Divya R M	30.11.2023	I Prize	International	Taylors University ,Malaysia
2	720722104007	Devika Menon K B	30.11.2023	I Prize	International	Taylors University ,Malaysia
	720722104012	Geethakakshmi S	30.11.2023	I Prize	International	Taylors University ,Malaysia
	720722104030	Pinky V	30.11.2023	II Prize	International	Taylors University ,Malaysia

3. Details of students projects /Funds

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
1.	Santhosh K	IV CSE C	AI-powered nutrition analyzer for fitness enthusiasts	N	10000
2.	Ramachandran c	IV CSE C	Ai chatbot to address the Challengesofdepression Symptons,attrition,loss of follow-up In mental health treatment	N	10000
3.	Avelona Shaji	IV CSE A	Charging Slot Prediction And Automation System For Electric Vehicle Charging Station	N	10000
4	Ajay Gladison A	IV CSE B	IOT Enabled Fire Detection With Emergency Communication System For Hilly And Forest Regions	N	10000

4. Details of students scholarship

S. No	Name of the Student	Class	Type of the Scholarship	Scholarship provided organization details	Amount in (Rs.)
1	Agash A	III CSE B	AICTE	Central Govt	1,35,000
2	Hariharan k	III CSE B	AICTE	Central Govt	1,35,000
3	Kavisarathy S	III CSE B	PMSS	Central Govt	60,500
4	Mohana prakash A	III CSE B	PMSS	Central Govt	60,500
5	Dhanush Chandran R	III CSE B	PMSS	Central Govt	60,500
6	Praveen R	III CSE C	AICTE	Central Govt	1,35,000
7	Santhosh.D	III CSE C	AICTE	Central Govt	1,35,000
8	Thilagam.S	III CSE C	AICTE	Central Govt	1,35,000
9	Shanmugasarathi	III CSE C	PMSS	Central Govt	60,500
10	Vishal g	III CSE C	PMSS	Central Govt	60,500
11	Sakthiguru	III CSE C	PMSS	Central Govt	60,500
12	Vishva	III CSE C	PMSS	Central Govt	60,500
13	Ragavan	III CSE C	PMSS	Central Govt	60,500
14	Abinesh	III CSE C	PMSS	Central Govt	60,500
15	Sabitha	III CSE C	PMSS	Central Govt	60,500
17	HARI KARAN A	III CSE A	PMSS	Central Govt	55000
18	HARISAGULAN D	III CSE A	PMSS	Central Govt	55000
19	SUBALAKSHMI M	III CSE A	PMSS	Central Govt	55000
20	BHUVANESHWARI S	III CSE A	FG	Stat Govt	27500
21	KRISHNA KAVIARASU S	III CSE A	FG	Stat Govt	27500
22	LOGESHWARAN M	III CSE A	FG	Stat Govt	27500
23	LOGESHWARI C K	III CSE A	FG	Stat Govt	27500
24	MITHRA S A	III CSE A	FG	Stat Govt	27500
25	MOHAMED SYED AFREETH S	III CSE A	FG	Stat Govt	27500
26	MUTHU PETCHI G	III CSE A	FG	Stat Govt	27500
27	NAGARJUN R	III CSE A	FG	Stat Govt	27500
28	SAKTHI BHARATH A	III CSE A	FG	Stat Govt	27500
29	SIVANI S	III CSE A	FG	Stat Govt	27500
30	SIVAPRAKASH N	III CSE A	FG	Stat Govt	27500
31	INDHUMATHI M	III CSE A	7.5	Stat Govt	
32	VIDHYA S	III CSE A	7.5	Stat Govt	VIDHYA S

5. Details of industrial visits organized for the students

S. No	Date	Name of the Company	Class	No. of participants	Outcomes of the visits

6. Details of Internship for the students

S. No	Class	Name of Students	Name of Company	Duration	Outcomes of the intern
1	III CSE A	AAGASH VEL R	Embuzz technologies	02/01/2023-14/01/2023	
2	III CSE A	AATIF JA	Brainery spot technology	06/01/2023-16/01/2023	
3	III CSE A	ABDUL MANIH V P	Technologics Global Pvt Ltd	04/01/2023-18/01/2023	
4	III CSE A	ABHINAV M M	Technologics Global Pvt Ltd	04/01/2023-18/01/2023	
5	III CSE A	ABINASH S	Accenture	04-01-2023 to 13-01-2023	
6	III CSE A	ADHIYAN G B	Marcello	09/01/2023 - 18/01/2023	
7	III CSE A	AJAY FRANGLIN	Brainery spot technology	04/01/2024-13/01/2023	
8	III CSE A	AJAY S	Entech	4.01.2023-17.01.2023	
9	III CSE A	AKASH D	Embuzz technologies	02/01/2023-14/01/2023	
10	III CSE A	AKSHALIN JEFITA R J	Bitsnpixs technologies	09/01/2023-20/01/2023	
11	III CSE A	ANNAPOORNA N	Technologics Global Pvt Ltd	04/01/2023-18/01/2023	
12	III CSE A	ANUBHAV REJEESH	Technologics Global Pvt Ltd	04/01/2023-18/01/2023	
13	III CSE A	ARAVINDH SOLAI V	Futurik technologies	1/1/2023 - 14/1/2023	
14	III CSE A	ASHOK KUMAR S	Emglitz Technologies	02/01/2023-13/01/2023	
15	III CSE A	ASHWIN L	Neelavath softwares	04/01/2023 - 20/01/2023	
16	III CSE A	BHUVANESHWARI S	Emglitz technologies	4/01/2023-14/01/2023	
17	III CSE A	CATHLEEN ROWENA S	Emglitz technologies	02/01/2023-13/01/2023	
18	III CSE A	DEEPTI S	Emglitz technology	04/01/2023-14/01/2023	
19	III CSE A	DHANUSH RAJA S	Brainery spot technology	06/01/2023-16/01/2023	
20	III CSE A	DHARUNKUMAR V	Brainery spot technology	06/01/2023-16/01/2023	
21	III CSE A	DHIRAAJ K V	Emglitz Technologies	2/01/2023 - 21/01/2023	
22	III CSE A	DIVITHKUMAR A	marcello technology	02/01/2023-13/01/2023	
23	III CSE A	ESWARAN G	Emglitz Technologies	02/01/2023-21/01/2023	
24	III CSE A	GOWTHAM T	marcello tech	06/03/2024-06/04/2024	
25	III CSE A	HARIKARAN A	Brainery spot technology	06/01/2023-16/01/2023	
26	III CSE A	HARIS R	Techvolt technology	04/01/2023-14/01/2023	
27	III CSE A	HARISAGULAN D	Emglitz	2/01/2023 to 14/01/2023	
28	III CSE A	HARSHITH BABU	Mithratech Engineers Pvt Ltd	08/04/2024-04/05/2024	
29	III CSE A	INDHUMATHI M	Emglitz technologies	4.01.2023-14.01.2023	
30	III CSE A	KRISHNA KAVIARASU S	onwards smart things	22/01/2024-17/02/2024	
31	III CSE A	LAYASHREE S R	Emglitz tecnologies	02/01/2023-13/01/2023	

32	III CSE A	LEO BABU C	Technologies Global Pvt Ltd	04/01/2023-18/01/2023	
33	III CSE A	LOGESHWARAN M	Emlglitz technologies	06/01/2023 - 16/01/2023	
34	III CSE A	LOGESHWARI C K	Emglitz tecnologies	02/01/2023-13/01/2023	
35	III CSE A	MADHAN KUMAR A	Emglitz technologies	02/01/2023-14/01/2023	
36	III CSE A	MADHAV R	Emglitz technologies	02/01/2023-14/01/2023	
37	III CSE A	MITHRA S A	Emglitz tecnologies	02/01/2023-13/01/2023	
38	III CSE A	MIZBA SHEIK ABDUL RAFIQUE	Technologies Global Pvt Ltd	04/01/2023-18/01/2023	
39	III CSE A	MOHAMED SYED AFREETH S	Brainery spot technology	06/01/2023-16/01/2023	
40	III CSE A	MUTHU PETCHI G	Emglitz technologies	04/01/2023-14/01/2023	
41	III CSE A	NAGARJUN R	VRG Technologies	01/04/2024-05/05/2024	
42	III CSE A	NISHA ANANDRAO KADAM	Emglitz technologies	02/01/2023 - 15/01/2023	
43	III CSE A	NIYOJIN JANARDHANAN	Technologies Global Pvt Ltd	04/01/2023-18/01/2023	
44	III CSE A	PRIYANGA S P	Marcello Tech	04/01/2023-18/01/2023	
45	III CSE A	RAHUL SHANKAR R	Devtown	15/06/2023-16/07/2023	
46	III CSE A	RAJESH D	Entech	04/01/2023-17/01/2023	
47	III CSE A	RAVIKUMAR ROHAN P	Marcello	02/01/2023-16/01/2023	
48	III CSE A	RISHAB BABULIJI	Neelavath softwares	04/01/2023-20/01/2023	
49	III CSE A	RISHI PRABHU V	brainery spot technology	06/01/2023-16/01/2023	
50	III CSE A	SABARISH K	Neelavath softwares	04/01/2023-20/01/2023	
51	III CSE A	SAKTHI BHARATH A	Marcello Tech	27/03/2024-17/04/2024	
52	III CSE A	SANDRA C S	Technologies Global Pvt Ltd	04/01/2023-18/01/2023	
53	III CSE A	SARIGA SARITH K	Technologies Global Pvt Ltd	04/01/2023-18/01/2023	
54	III CSE A	SHARON KEERTHY RATAN K	Emglitz technologies	02/01/2022-14/01/2022	
55	III CSE A	SIVANI S	Emglitz tecnologies	02/01/2023-13/01/2023	
56	III CSE A	SIVAPRAKASH N	Emglitz technologies	02/01/2023-14/01/2023	
57	III CSE A	SIVASANGARAN K K	Neelavath softwares	04/01/2023-20/01/2023	
58	III CSE A	SREE SAJEEV K J	SMART KNOWER	02/01/2023 - 17/01/2023	
59	III CSE A	SUBALAKSHMI M	Emlglitz technologies	4/01/2023-14/01/2023	
60	III CSE A	VIDHYA S	Emglitz technologies	4/01/2023-14/01/2023	
61	III CSE A	VISHNU VARDHAN J S	ixly technologies	06/01/2023-16/01/2023	
62	III CSE A	YADHU KRISHNA T	Technologic Global Pvt Ltd	04/01/2023-18/01/2023	
63	III CSE B	AGASH A	S J Engineering	11/01/2024 - 20/01/2024	
64	III CSE B	AKASH D	Techneat	16/01/2024 - 25/01/2024	
65	III CSE B	ANANDYUKESH P	M S Subramanian Contractor Engineering	11/01/2024 - 20/01/2024	

66	III CSE B	ANANTH KRISHNA P C	Neha Solutions	20/12/2023 - 10/01/2024	
67	III CSE B	ANUBALA S K	Emglitz Technologies	10/01/2024 - 27/01/2024	
68	III CSE B	ARJUN VENKATESH			
69	III CSE B	ASHAL AZEEM	Neha Solutions	20/12/2023 - 10/01/2024	
70	III CSE B	ASWIN RAJ J B			
71	III CSE B	BALAMURUGAN M	Nxtlogic Software Solution	03/01/2024 - 20/01/2024	
72	III CSE B	BEFRIN BABU B	Nanda Infotech	05/01/2024 - 12/01/2024	
73	III CSE B	BHOOMIYA S K	Emglitz Technologies	10/01/2024 - 27/01/2024	
74	III CSE B	DANIEL AVINASH	Emglitz Technologies	12/01/2024 - 22/01/2024	
75	III CSE B	DHANASELVAN J U	Makkal	02/01/2024 - 20/01/2024	
76	III CSE B	DHANUSH K	Emglitz Technologies	30/12/2023 - 20/01/2024	
77	III CSE B	GOKUL A N	S J Engineering	11/01/2024 - 20/01/2024	
78	III CSE B	GOKUL RAJ G	Emglitz Technologies	10/01/2024 - 27/01/2024	
79	III CSE B	GOWTHAM V	M S Subramanian Contractor Engineering	11/01/2024 - 20/01/2024	
80	III CSE B	GUNA M	Novi Technologies	03/01/2024 - 24/01/2024	
81	III CSE B	HARI ARUL MURUGAN M	Smartknower	01/09/2023 - 30/10/2023	
82	III CSE B	HARI PRAKSH K	Novi Technologies	03/01/2024 - 24/01/2024	
83	III CSE B	HARIHARAN G	Nxtlogic Software Solution	03/01/2024 - 20/01/2024	
84	III CSE B	HARIHARAN K	Nxtlogic Software Solution	03/01/2024 - 20/01/2024	
85	III CSE B	HARIKUMAR P	Novi Technologies	03/01/2024 - 24/01/2024	
86	III CSE B	HARI SUDHAN S	Bluegent Hospitality Pvt. Ltd.	11/01/2024 - 20/01/2024	
87	III CSE B	HESVANTH KUMAR K	M S Subramanian Contractor Engineering	11/01/2024 - 20/01/2024	
88	III CSE B	INDHU KRISHNAN A	Emglitz Technologies	10/01/2024 - 27/01/2024	
89	III CSE B	IRSHAD RAJA K	S J Engineering	11/01/2024 - 20/01/2024	
90	III CSE B	JAGATH S	Emglitz Technologies	01/12/2023 - 22/12/2023	
91	III CSE B	JANISHA S	Emglitz Technologies	10/01/2024 - 27/01/2024	

92	III CSE B	JASWANTH K	M S Subramanian Contractor Engineering	11/01/2024 - 20/01/2024	
93	III CSE B	JAYASURYA S	Emglitz Technologies	10/01/2024 - 27/01/2024	
94	III CSE B	JOSHUA J	Nxtlogic Software Solution	03/01/2024 - 20/01/2024	
95	III CSE B	KABILAN R	Bluegent Hospitality Pvt. Ltd.	11/01/2024 - 20/01/2024	
96	III CSE B	KALITH K			
97	III CSE B	KARTHIKA S	Emglitz Technologies	24/12/2023 - 13/01/2024	
98	III CSE B	KARUNYA A	Emglitz Technologies	10/01/2024 - 27/01/2024	
99	III CSE B	KAVISARATHY S	Emglitz Technologies	10/01/2024 - 27/01/2024	
100	III CSE B	KIRUBHAKARAN S	Emglitz Technologies	10/01/2024 - 27/01/2024	
101	III CSE B	KRISHNARAJ V	Verzeo	10/01/2024 - 20/01/2024	
102	III CSE B	LAKSHMIKANTHAN B	Emglitz Technologies	30/12/2023 - 21/01/2024	
103	III CSE B	LOKESHWARAN G	Verzeo	10/01/2024 - 20/01/2024	
104	III CSE B	LYDIYA FLORANCE W	Emglitz Technologies	24/12/2023 - 13/01/2024	
105	III CSE B	MAADHAVAN K	Emglitz Technologies	10/01/2024 - 27/01/2024	
106	III CSE B	MADHUMITHA P	Emglitz Technologies	02/02/2024 - 22/02/2024	
107	III CSE B	MITHRASHRI V M	Emglitz Technologies	24/12/2023 - 13/01/2024	
108	III CSE B	MOHAMED FADHIL H	Emglitz Technologies	10/01/2024 - 27/01/2024	
109	III CSE B	MOHAMED YEHYA A	Emglitz Technologies	02/01/2024 - 22/01/2024	
110	III CSE B	MOHAMED AFSAL A	Bluegent Hospitality Pvt. Ltd.	11/01/2024 - 20/01/2024	
111	III CSE B	MOHAMED ISHAQUE AZGHAR I	Emglitz Technologies	28/12/2023 - 18/01/- 2024	
112	III CSE B	MOHANA PRAKASH A			
113	III CSE B	MONIKA T	Emglitz Technologies	10/01/2024 - 27/01/2024	
114	III CSE B	MUGESH M	Novi Technologies	03/01/2024 - 24/01/2024	
115	III CSE B	MUHAMMAD MINHAJ	Neha Solutions	20/12/2023 - 10/01/2024	
116	III CSE B	MYTHEESWARAN S	Verzeo	10/01/2024 - 20/01/2024	
117	III CSE B	NAHALMUHAMMED K	Neha Solutions	20/12/2023 - 10/01/2024	
118	III CSE B	NANDHAN D	Emglitz Technologies	12/01/2024 - 22/01/2024	

119	III CSE B	NANTHAKUMAR S	Emglitz Technologies	29/12/2023 - 20/01/2024	
120	III CSE B	NAVEEN U	Emglitz Technologies	12/01/2024 - 18/01/2024	
121	III CSE B	NEYAPRAKASH D	Verzeo	10/01/2024 - 20/01/2024	
122	III CSE B	NIRANJANA K	Emglitz Technologies	10/01/2024 - 27/01/2024	
123	III CSE B	NITHESH KANNA N	Emglitz Technologies	10/01/2024 - 27/01/2024	
124	III CSE B	NITHISH KUMAR N	Verzeo	10/01/2024 - 20/01/2024	
125	III CSE B	ABINAYA R	Emglitz Technologies	10/01/2024 - 27/01/2024	
126	III CSE B	DEEPAK RAJ M	S J Engineering	11/01/2024 - 20/01/2024	
127	III CSE B	DEEPAN C	M S Subramanian Contractor Engineering	11/01/2024 - 20/01/2024	
128	III CSE B	DHANUSH CHANDRAN R	Verzeo	10/01/2024 - 20/01/2024	
129	III CSE B	LOGESH WARAN N	Emglitz Technologies	10/01/2024 - 26/01/2024	
130	III CSE B	SATHYA GURU J	Nxtlogic Software Solution	03/01/2024 - 27/01/2024	
131	III CSE B	SUBHASHINI S G	Emglitz Technologies	10/01/2024 - 27/01/2024	
132	III CSE C	Nito Tony C	Emglitz Technologies	04.01.2024 - 30.01.2024	
133	III CSE C	Palanibharathi A	NoviTech	03.01.2024 - 24.01.2024	
134	III CSE C	Parameshwaran R	NoviTech	03.01.2024 - 24.01.2024	
135	III CSE C	Parthasarathi S	Nxtlogic Software Solutions	24.01.2024 - 16.02.2024	
136	III CSE C	Ponnimalar R	Nxtlogic Software Solutions	24.01.2024 - 16.02.2024	
137	III CSE C	Pooja G	R2C Technologies	19.01.2024 - 25.01.2024	
138	III CSE C	Poorana Jothi A	Emglitz Technologies	04.01.2024 - 30.01.2024	
139	III CSE C	Pradeep Rajan A	NoviTech	03.01.2024 - 24.01.2024	
140	III CSE C	Pranav K S	Emglitz Technologies	24.12.2023 - 13.01.2024	
141	III CSE C	Praveen Anand A	Marsello Tech	06.02.2024 - 27.02.2024	
142	III CSE C	Praveen R	Marsello Tech	06.02.2024 - 27.02.2024	
143	III CSE C	Priyanka A	Nxtlogic Software Solutions	24.01.2024 - 16.02.2024	
144	III CSE C	Ragavan R	Nxtlogic Software Solutions	24.01.2024 - 16.02.2024	
145	III CSE C	Ragavan S	Nxtlogic Software Solutions	24.01.2024 - 16.02.2024	
146	III CSE C	Rahul C	R2C Technologies	19.01.2024 - 25.01.2024	
147	III CSE C	Raja Manickam T	NoviTech	03.01.2024 - 24.01.2024	
148	III CSE C	Raju Prabhu R	R2C Technologies	19.01.2024 - 25.01.2024	
149	III CSE C	Ralph F	Emglitz Technologies	10.01.2024 - 27.01.2024	

150	III CSE C	Ram Prathaf E	Forge Accenture	04.01.2024 - 14.01.2024	
151	III CSE C	Ramkumar R	R2C Technologies	19.01.2024 - 25.01.2024	
152	III CSE C	Ramkumar R R	R2C Technologies	19.01.2024 - 25.01.2024	
153	III CSE C	Ramu V	R2C Technologies	19.01.2024 - 25.01.2024	
154	III CSE C	Renganesan S	NoviTech	03.01.2024 - 24.01.2024	
155	III CSE C	Rishi Raam N S	NoviTech	03.01.2024 - 24.01.2024	
156	III CSE C	Ruba Renugavathi A	Emglitz Technologies	04.01.2024 - 30.01.2024	
157	III CSE C	Sabaresh M A			
158	III CSE C	Sabari G	R2C Technologies	19.01.2024 - 25.01.2024	
159	III CSE C	Sabitha S	Next Logic Software Solutions	24.01.2024 - 16.02.2024	
160	III CSE C	Sachin S	R2C Technologies	19.01.2024 - 25.01.2024	
161	III CSE C	Sakthi Guru R	NoviTech	03.12.2023 - 24.01.2024	
162	III CSE C	Sakthi Vishnu M	R2C Technologies	19.01.2024 - 25.01.2024	
163	III CSE C	Salman S	R2C Technologies	19.01.2024 - 25.01.2024	
164	III CSE C	Santhosh D			
165	III CSE C	Santhoshkumar G	Emglitz Technologies	02.01.2024 - 15.01.2024	
166	III CSE C	Saran M	NoviTech	03.01.2024 - 24.01.2024	
167	III CSE C	Sasti Harikumar K L	R2C Technologies	19.01.2024 - 25.01.2024	
168	III CSE C	Sathish S	R2C Technologies	19.01.2024 - 25.01.2024	
169	III CSE C	Sathishkumar S	R2C Technologies	19.01.2024 - 25.01.2024	
170	III CSE C	Sathiskar A	Emglitz Technologies	04.01.2024 - 30.01.2024	
171	III CSE C	Shahul Meeran U	R2C Technologies	19.01.2024 - 25.01.2024	
172	III CSE C	Shanmugasarathi P	NoviTech	03.01.2024 - 24.01.2024	
173	III CSE C	Sharmila R	Emglitz Technologies	04.01.2024 - 30.01.2024	
174	III CSE C	Sindhya M	Emglitz Technologies	04.01.2024 - 30.01.2024	
175	III CSE C	Soundariyan S	NoviTech	03.01.2024 - 24.01.2024	
176	III CSE C	Srimathi Devadharshini M	Next Logic Software Solutions	24.01.2024 - 16.02.2024	
177	III CSE C	Surya Prakash K K	R2C Technologies	19.01.2024 - 25.01.2024	
178	III CSE C	Surya Prakash S	R2C Technologies	19.01.2024 - 25.01.2024	
179	III CSE C	Swetha P	Emglitz Technologies	04.01.2024 - 30.01.2024	
180	III CSE C	Tamizhselvan G	NoviTech	03.01.2024 - 24.01.2024	
181	III CSE C	Thangaprakash R	NoviTech	03.01.2024 - 24.01.2024	
182	III CSE C	Thilagam S	Emglitz Technologies	04.01.2024 - 30.01.2024	
183	III CSE C	Thilakarajan V	NoviTech	03.01.2024 - 24.01.2024	
184	III CSE C	Valavan Arumuganaar K M	R2C Technologies	19.01.2024 - 25.01.2024	
185	III CSE C	Varatharajan R	NoviTech	03.01.2024 - 24.01.2024	
186	III CSE C	Vedhashini S	Emglitz Technologies	04.01.2024 - 30.01.2024	
187	III CSE C	Vimal Raj S	NoviTech	03.01.2024 - 24.01.2024	
188	III CSE C	Vimalkumar S	NoviTech	03.01.2024 - 24.01.2024	
189	III CSE C	Vishal G	NoviTech	03.01.2024 - 24.01.2024	
190	III CSE C	Vishnu A	NLC INDIA LTD	26.12.2023 - 25.01.2024	
191	III CSE C	Vishva M	NoviTech	03.01.2024 - 24.01.2024	
192	III CSE C	Yagadeesh R	R2C Technologies	19.01.2024 - 25.01.2024	
193	III CSE C	C Yaswanth	Marsello Tech	06.02.2024 - 27.02.2024	

194	III CSE C	Abinesh S	NoviTech	03.01.2024 - 24.01.2024	
195	III CSE C	Amuthakishan X	NoviTech	03.01.2024 - 24.01.2024	
196	III CSE C	Sagar R	NoviTech	03.01.2024 - 24.01.2024	
197	III CSE C	Subash S	NoviTech	03.01.2024 - 24.01.2024	
198	III CSE C	Surya Kumar M	R2C Technologies	19.01.2024 - 25.01.2024	
199	III CSE C	Vijay S	NoviTech	03.01.2024 - 24.01.2024	

7. List the distinguished alumni of the department (At least one alumnus per batch)

S. No	Batch	Name of Alumni	Designation	Name of organization/Company

8. Drop out Student Details:

S.No	Name of the Student	Year of Drop out	Reason for the Drop out

(VI) ACADEMIC SUPPORT ACTIVITIES

S. No	Description	Y/N
1	Graduate Exit Survey	Y
2	Course Exit Survey	Y
3	CO/PO attainment level	Y
4	Course Information Sheet	Y
5	Course File	Y
6	Time Table File	Y
7	Department Newsletter	Y
8	External Experts visits to the Department	Y
9	Discipline Committee	Y
10	Department Budget File	Y
11	Elective/Open Elective File	Y
12	Department Minutes of Meeting File	Y
13	Best Practices	Y
14	Department Extension Activities	Y
15	First aid supplies in department	Y

Strength	Weakness
<p>Dedicated and well qualified faculty members</p> <p>Recognized Research centre with</p> <p>Recognized supervisors</p> <p>Well established lab facilities for doing lab experiments and projects</p> <p>Grants received from various organizations like AICTE, CSIR, DRDO etc for research projects, organizing Conferences, FDPs, STTPs, seminars, workshops</p> <p>Good Placement Record.</p>	<p>Scope for improvement in the areas of consultancy projects and research publications</p>
Opportunities	Challenges
<p>As we are an autonomous institution and changing the curriculum to meet the industry expectations in consultation with the industry experts, our students had a great chance in getting good placement.</p> <p>We have signed MoUs with various organizations which provides the students an opportunity to get training in various technologies.</p>	<p>In this competitive world, we need to make the students industry ready by exposing them to recent technologies and changing the curriculum to meet the industry needs.</p>

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 20/7/24

S. Shankar (20/7/24)
Head of Department with seal

Report of Academic Audit

Dr. S. SHANKAR, M.E., Ph.D.
PROFESSOR & HEAD
Department of Computer Science and Engineering
Hindustan College of Engineering and Technology
Coimbatore - 641 032.

observations!

Student can be encouraged to participate in conferences.

More numbers of MOUs can be signed in association with industries.

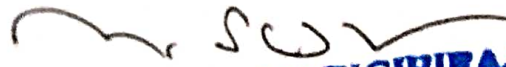
Faculty members can be encouraged to apply for more research and project grants from various funding agencies.

Faculty members can be encouraged to complete more numbers of online courses.

Academic Audit Team

- 1.
- 2.
- 3.
- 4.

Signature of the team with date



Dr. M. SABRIGIRIRAJ
Professor and Head
Department of Information Technology
Hindusthan College of Engineering and Technology
Coimbatore - 641 032

Action Taken Report by Department:

Students are given awareness about the benefits of participating in a conference.
Necessary action will be taken to improve the interaction with companies.

Faculty members are advised to apply for fundings in the forthcoming semesters.

Faculty members were encouraged to complete more numbers of online courses and obtain certification.

External Auditor: S. Balamurugan
12/7/2024

Dr. S. Balamurugan
Professor & Chairperson - EEE
Amrita Vishwa Vidyapeetham
Coimbatore - 641112 .



Hindusthan College of Engineering and Technology

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Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA

Tel: +91 422 4242424

www.hicet.ac.in



ACADEMIC AUDIT WITH ACTION TAKEN REPORT

ACADEMIC YEAR :2023-2024



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Ref: HICET/AA/AY 2024-2025/07

03.07.2024

CIRCULAR

As the Academic Audit for the AY 2023-2024 is scheduled on 15.07.2024 & 16.07.2024, the following various departments are requested to submit the final copy of documents to EEE department on or before 13.07.2024.

S.NO	Department to the Audited	DATE	Name of the Auditors
1	AERO	15.07.2024	Dr.N.P.Ananthamoorthy / Professor and HoD/EEE
2	AUTO		Dr.S.Shankar Professor and HoD/CSE
3	CIVIL		Dr.P. Vijayalakshmi Professor and HoD/ECE
4	CSE		Dr. Sabrigiriraj M Professor and HoD/IT
5	EEE		Dr..Anand / IQAC Co-ordinator
6	ECE		Dr. Siva Kathirvelsamy Professor and HoD/MECH
7	E&I		Dr. Gopinathan V T Professor And Hod/AERO
8	MECH		Dr.Akil K Professor and HoD/CIVIL
9	MECT		Dr.Sabarinathan Professor and HoD/AUTO
10	IT		Dr.P.T.Saravanakumar Professor and HoD/
11	AGRI	16.07.2024	Dr Saravana Sundaram . Professor and HoD/BME
12	BME		Dr.N.Sridhar Professor and HoD/AGRI
13	CHEM		Dr.G.Jeevarathinam Professor and HoD/FT
14	FT		Dr.M.Seenuvasan Professor and HoD/
15	AIML		Dr.K.P.Uma Professor and HoD/
16	S&H		Dr.N.P.Ananthamoorthy / Professor and HoD/EEE



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Tel: +91 422 4242424

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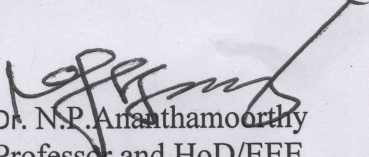
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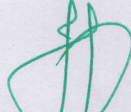
17/7/2024

CIRCULAR

As the internal Academic Audit (AY 2023-2024) is completed on 15.07.2024 and 16.07.2024, heads of the department are requested to prepare the Action Taken Report.

In this connection, an external audit is scheduled on 18.07.2024. Kindly prepare all the necessary documents for the smooth with the external audit for the smooth conduct of external Audit.


Dr. N.P. Ananthamoorthy
Professor and HoD/EEE
Co-Ordinator

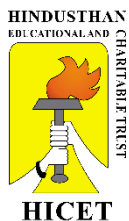

PRINCIPAL

To

Deans/Directors
All HoD's/CoE/All Establishments
Office Manager/Library Corporatr Cell/Physical Director
File

Copy to

The Managing Trustee
The CEO



Hindusthan College of Engineering and Technology

Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MCTS)

Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

Valley Campus, Coimbatore – 641 032, Tamil Nadu, INDIA

Tel: +91 422 4242424

ACADEMIC AUDIT (Academic year: 2023 - 24)

(All details should be given only for the Academic year: 2023-24)

July 2023 - June 2024

Name of the Department : ELECTRICAL AND ELECTRONICS ENGINEERING

Year of Establishment : 2002

Programmes offered by the Department:

UG & Year of Establishment	PG & Year of Establishment
B.E.- EEE-2002	M.E.-Embedded Systems-2021

VISION

To manifest itself as a valuable global resource for industry and society with strong foundation. Abetting the students with innovative ethical and creative talents of endeavouring young professionals in Electrical and Electronics Engineering.

MISSION

DM1: Educate the students to acquire knowledge in recent advancement of Electrical and Electronics Engineering and prepare the students for professional career and higher studies.
DM2: Inculcate the students to develop innovation for the societal needs through research oriented teaching and creative skill enhancement training.
DM3: Enunciate the students with better skills to meet the challenges of the technical world and intensify the skills towards the practical approach.

OBJECTIVES SET BY THE DEPARTMENT
Program Educational Objective (PEO)
PEO 1: Graduate will be able to execute the principles of basic science, mathematics and engineering fundamentals necessary to formulate, solve and analyze engineering problems. PEO 2: Graduate will be able to accrete the knowledge for pursuing advanced degrees in Engineering, Science, Management, Research and Development. PEO 3: Graduate will be able to effectuate professionalism, leadership qualities, self and continuous learning and concern for environment to meet the societal needs.
Program Outcomes (POs)

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
3. **Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems
5. **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Outcomes (PSO)

PSO1. Graduates will acquire the knowledge of design, performance & testing of static & dynamic Electrical Machines, Electrical Drives, Power Electronics applicable in core and related fields.

PSO2. Graduates will attain knowledge and acquire skills by applying modern software tools for design, simulation and analysis of Electrical Systems to successfully adapt in multi-disciplinary environments.

(I) GENERAL INFORMATION OF THE DEPARTMENT

1. Head of the Department :
2. Admission Details (UG and PG separately) for the last 3 years

S. No	Year	Intake	Admitted
UG			
1	2021 - 2022	60	63
2	2022 - 2023	60	63
3	2023 - 2024	60	63
PG			
1	2021 - 2022	18	14
2	2022 - 2023	18	18
3	2023 - 2024	18	16

3. Number of Students (Current Academic Year: 2023-2024)

UG	I Year:	63	II Year:	68	III Year:	68	IV year:	67
PG	I Year:	16	II Year:	18				

Based on Gender				
UG	Year	Male	Female	Total
	I year	49	14	63
	II year	62	6	68
	III year	62	6	68
	IV year	65	2	67
PG	I year	10	6	16
	II year	13	5	18

Based on Territory				
UG	Year	Tamil Nadu	Other States	Total
	I year	60	3	63
	II year	62	8	68
	III year	59	9	68
	IV year	58	9	67
PG	I year	16	NIL	16
	II year	18	NIL	18

Based on Community								
UG	Year	OC	BC	BCM	MBC	SC	ST	Total
	I year		33	3	19	7	1	63
	II year	6	28	3	24	7	0	68
	III year	9	29	2	22	6	-	68
	IV year	13	29	02	19	1	3	67
PG	I year	1	6	-	5	4		16
	II year	-	5	-	4	4	5	18

4. Number of the Faculty Members

Sanctioned	Male	Female	Total
Existing	13	5	18

Designation	Required as per norms	Available	Vacant if any
Professor	2	3	NIL
Associate Professor	3	5	NIL
Assistant Professor	10	10	NIL
Total	15	18	NIL

5.Faculty profile with name, qualification, designation and experience

S. No	Name of the Faculty	Qualification	Designation	Years of Experience
1	Dr Ananthamoorthy N P	Ph.D	Professor & Head	24
2	Dr Anand B	Ph.D	Professor	22
3	Dr Sekar K	Ph.D	Professor	28
4	Dr Rajeshkanna R	Ph.D	Associate Professor	17
5	Mrs Vanmathi K	M.E.	Associate Professor	25
6	Mrs Nandhini B	M.E. (Ph.D pursuing)	Associate Professor	22
7	Mr Viswanathan M P	M.E.(Ph.D pursuing)	Associate Professor	22
8	Mr Muthuram G	M.E.(Ph.D pursuing)	Associate Professor	22
9	Mr Joshua Daniel S	M.E. (Ph.D pursuing)	Assistant Professor	17
10	Mr Saravanakumar K	M.E. (Ph.D pursuing)	Assistant Professor	14
11	Mr Daniel Pradeep M	M.Tech	Assistant Professor	7
12	Dr Moniya P	Ph.D	Assistant Professor	2
13	Mr Arundass G	M.E.	Assistant Professor	5
14	Mr Khaja Najumudeen A	M.E. (Ph.D pursuing)	Assistant Professor	14
15	Mr Maheshkumar N	M.E.	Assistant Professor	10
16	Dr Mathan K	Ph.D	Associate Professor	23
17	Mrs Mythilly A	M.E.	Assistant Professor	8
18	Mrs Maheshwari N	M.E.	Assistant Professor	5

6. Number of the Faculty Members awarded in the current Academic Year

	Full Time	Part Time	Total
PDF	NIL	NIL	NIL
PhD	NIL	NIL	NIL
Recognized Guides	2	NIL	2
Others	NIL	NIL	NIL

7. Number of Faculty Members Pursuing in the current Academic Year

	Full Time	Part Time	Total
PDF	NIL	NIL	NIL
PhD	NIL	6	6
Recognized Guides	2	NIL	2
Others	NIL	NIL	NIL

8. List of visiting Fellows/ Adjunct Faculty

S. No	Name of visiting /Teachers, Adjunct and Emeritus Professors	Designation/Address
1	Mr Gowtham Kumar M	Founder & CEO Universal Power Supplies, Coimbatore
2	Mr Thirukkural Kani	Director of Operations Tectzo Solution Private Limited, Coimbatore
3	Mr Sathyamoorthy	Director Masters Academy, Coimbatore

9.Membership details of Faculty Members

S. No	Name of Faculty	Membership in professional bodies	Membership Number
1.	Dr Ananthamoorthy N P	ISTE- Life Member	LM 33060
2.	Dr Anand B	IEEE	90401798
3.		Indian Society For Technical Education	LM-55884
4.		Systems Society of India	LM -29607
5.		IAENG –(International Association of Engineers)	168113
6.		SESI-Solar Energy Society in India Individual Member	SESI-2472
7.		IFERP-Institute For Engineering Research And Publication –	Professional Member PM4708
8.		IRED-Institute of Research Engineers And Doctors- Senior Member-(UACEE)	SNM10100056131
9.		Novel research Academy	Life Member NRA/00029/2021
10.		Dr Mathan K	ISTE- Life Member
11.	IAENG – (International Association of Engineers)		Life Member 247369
12.	Mrs Vanmathi K	Indian Society for Technical Education	LM 27451
13.		Systems Society of India	LM23016
14.		Institute of Engineers	M-133657-3
15.	Dr Rajeshkanna R	Teaching and Education Research Association	Life Member TERA-M191092
16.		Scientific and Technical Research Association-Member	Life Member STRA-M-19530
17.		HealthCare & Biological Sciences Research Association	Life Member HBSRA-M19350
18.		IAENG- International Association of Engineers	Life Member 297415
19.		IFERP-Institute For Engineering Research And Publications	Life Member PM56409127
20.	Mrs Nandhini B	ISTE- Life Member	LM326
21.	Mr Viswanathan M P	Scientific and Technical Research Association-Member	Life Member STRA-M-19531
22.		International Association of Engineers-Member	Life Member 247372

23.	Mr Muthuram G	ISTE- Life Member	LM38007
24.		SSI- Life Member	LM31268
25.		IE(I).- MIE	LM M 1760186
26.		AICTSD-All India Council for Technical Skill Development	32325
27.	Mr Joshua Daniel S	ISTE- Life Member	LM53210
28.		SSI- Life Member	LM31266
29.	Mr Saravanakumar K	Systems Society of India	LM 33420
30.		The Institute of Green Engineers (IGEN)	2703
31.		International Association of Engineers(IAENG)	322882
32.	Mr Maheshkumar N	Institute For Engineering Research and Publication(IFERP)	Life Member PM50123649
33.		International Association of Engineers-Member (IAE)	Life Member 203837
34.		International Society for Research and Development (ISRDP)	Life Member M4150905347
35.		IREP-Institute of Research Engineers and	Life Member AM101000581243
36.		National Institute for Technical training and Skill Development (NITTSD)	Life Member 18899
37.		The Institute of Green Engineers (IGEN)	Professional Member 1681

10. Information about research grants, projects completed / ongoing during the period of **last 3 years** from National funding Agencies only (like AICTE, UGC, CSIR, DST, DBT, & others etc.,)

S.No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
1.	04.07.2023	Dr.N.P.Anathamoorthy	Design and implementation of autonomous hybrid renewable power generation irrigation with IoT based energy management controller	Tamil nadu state council for science and technology, 2 years & 4.07.2023	229000	On-going
2	1.06.2023	Dr.K.Sekar	Training Programme on Solar Powered Water pumping System for irrigation and roof garden system using IoT technology	Tamilnadu State Council for Science and Technology (TNSCST)	50,000.00	Completed
3	5.03.2021	Mr.G.Muthuram	Technical Society Club	AICET-SPICES	1,00,000.00	On-going

* List are to be attached separately

11. Awards / Prizes / recognitions received by teachers at national and international level / professional societies

S. No	Name of Faculty	Date of Award	Name of the Award	Name of the Professional Society
1	NIL			

12. Details of faculty members who acted as resource persons for Orientation courses, Seminars, Guest Lectures, Workshops, and Conferences at national and international levels (Outside the parent institutions)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	Dr.K.Sekar	18.10.2023	INSA Sponsored Two Day National Level Seminar on “ Digital Twins for Next Generation Smart Electric Vehicles to Improve Battery Performance and Accelerate Vehicle Electrification 18.10.2023 & 19.10.2023	Hindusthan Institute of Technology, Coimbatore	Coimbatore
2	Dr.K.Sekar	31.10.2023	Energized Challenges for Environmental and Energy Transitions in Tribes Areas, ICSSR Sponsored One week National Level Workshop on “Awareness of Skills Development for Sustainable Clean Energy Transition and Harvesting Techniques among Tribes Regio	Hindusthan Institute of Technology, Coimbatore	Coimbatore

13. Participation of faculty members in various academic activities as members of committees at other Institutions like BoS, Academic Council, etc.,

S. No	Month & Year	Name of the Faculty Members	Name of the body / committee the teacher participated
1	JULY2023	Dr.K.Sekar	Appointed as a Translators regarding AICTE –Technical Book Writing Scheme in Regional language- Tamil Book titled: Renewable Energy Technologies coordinated by Centre for Development of Tamil in Engineering & Technology, Anna University, Chennai.-

14. Details of faculty members appointed/nominated on Editorial Boards of peer reviewed journals/ International conferences

S. No	Name of the Faculty Members	Name of Editorial Boards of peer reviewed journals & National/International conference
1	Dr.K.Sekar	Appointed as a reviewer for Technical Book in English language for "Energy Conservation and Audit" course as per the AICTE syllabus.AICTE-AU Reviewing of Technical Book in English language for Diploma 3rd year- AICTE/T&LB/TBW/3 rd Year UG/2023-24 dated: 09.11.2023

15. Details of Number of Research Scholars Produced & Ongoing Details:

S.No.	Name of the Faculty	Awards			PhD		Projects		
		State	National	International	Produced	Ongoing	Major	Minor	Amount (in Rs.)
1.	Dr.N.P.Anathamorthy	-	-	-	1	5	1		229000.00
2	Dr.K.Sekar				nil	4			

16. Details of Seminars / Conferences/ Workshops /Guest Lectures organized by the faculty members with funding from Government / NGOs

S. No	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of beneficiaries	Funding agency
1	Dr.K.Sekar	Seminars	Training Programme on Solar Powered Water pumping System for irrigation and roof garden system using IoT technology	1.06.2023	100	TNSCS T-DIT-Dissemination of Innovative Technology

17. Details of Seminars / Conferences/ Workshops /Guest Lecture organized by the Faculty Members (Not covered under Sl.No.16)

S. No	Faculty Coordinator	Conference / Seminars / Workshops / Guest Lectures/ Webinar	Title	Date	No. of beneficiaries
1	Dr.K.Sekar	Seminars	Orientation Program	30.08.2023	121
2.	Dr.K.Sekar	Seminars	Entrepreneurship and skill development for Young Engineers	02.09.2023	129
3	Dr.K.Sekar	FDP	5 day programme on “Fundamentals of Robotics” with IFHC-IIT Delhi. Supported by Zeekers Employment Pvt.Ltd.,	20.11.2023 to 24.11.2023	100
4	Dr.K.Sekar	Seminar(ENERGY CLUB 0	Energy Management and Energy Auditing	14-09-2023	82
5	Dr.K.Sekar	SC/ST Students welfare cell	“Fundamentals of Robotics” with IFHC-IIT Delhi. Supported by Zeekers Employment Pvt.Ltd.,	5 Day 20.11.2023 to 24.11.2023	100
6	Mr.G.Muthuram	Seminar	Energy Management and Energy Auditing	14-09-2023	100
7	Dr.K.Mathan	Seminar	Orientation Program	30.8.2023	121

8	Dr.K.Mathan	Seminars	Enterpereship and skill development for young engineers	2.09.2023	129
9	Mrs Nandhini B	Women Empowerment Club Seminars	Should womenstay at home , take care of their children and forgo their career	30.08.2023	529
10	Dr Rajeshkanna R	workshop	Electric Vehicle Innovation Techniques and Research Opportunities in Green Revolution of Sustainable Development	5-12-2023 to 9-12-2023	40
11	Dr Rajeshkanna R	workshop	Field /Exposure Visit to incubation unit /Patent Felicitation Centre/Technology transfer centre	9-8-2023	73
12	Dr Rajeshkanna R	Dance Club	Audition for Hindusthan Dance Club	25.7.2023	30
13	Mr. Joshua Daniel S.	workshop	Energy Management and Auditing	14-09-2023	82

18. Details of the Faculty Members who attended Training on both Industry and Academia

S. No	Date	Name of the Faculty	Name of the Industry	Outcomes of the visits
NIL				

19. Details of the Faculty Members who participated in FDP/Seminar/Workshop/STTP/ Training program

S. No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/ STTP/ Training program	Name of Organizing Institute	Place
Workshops					
1	Nandhini B. Assistant Professor	3.7.2024 - 24.7.2024	Two week national level virtual workshop 'advanced research methodology'	SRM Institute of Science and Technology, Ramapuram Campus	Chennai
2	Saravankumar K., Assistant Professor	3.7.2024 - 24.7.2024	Two week national level virtual workshop 'advanced research methodology'	SRM Institute of Science and Technology, Ramapuram Campus	Chennai
3	Mr Khaja Najumudee N A	27th to 29th July 2023	Future Of Sustainability: Electric Vehicles And Smart Grid	SRM Institute of Science and Technology,	Kattankulathur Campus, Chengalpattu District.
4	Mr Maheshkumar N	27th to 29th July 2023	Future Of Sustainability: Electric Vehicles And Smart Grid	SRM Institute of Science and Technology,	Kattankulathur Campus, Chengalpattu District.
5	Dr Sekar K	27.07.2023 to 29.07.2023	Future of Sustainability: Electric Vehicles and Smart Grid	Center for Electric Mobility, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology,	Kattankulathur Campus, Chengalpattu
6	Dr Rajeshkannan R	27.07.2023 to 29.07.2023	Future of Sustainability: Electric Vehicles and Smart Grid	Center for Electric Mobility, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology,	Kattankulathur Campus, Chengalpattu.
7	Saravankumar K.	03.07.2023 to 18.07.2023	Advanced Research Methodology	SRM Institute of Science and Technology	chennai
8	Dr Rajeshkannan R	17.07.2023 to 21.07.2023	Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	JCT College of Engineering and Technology	Coimbatore

9	Dr Rajeshkanna R	27.07.2023 to 29.07.2023	Future of Sustainability :Electric Vehicles and smart grid	SRM Institute of Science and Technology	chennai
10	Dr Rajeshkanna R	03.07.2023 to 18.07.2023	Advanced Research Methodology	SRM Institute of Science and Technology	chennai
11	Dr Rajeshkanna R	03.07.2023 to 07.07.2023	Development Program on “Significance of Composite Materials & AI in Industry 4.O	A.C. Patil College of Engineering, Kharghar, Navi Mumbai, Maharashtra.	Maharashtra.
Seminars					
1	Dr.K.Mathan, ASP/EEE	02-Aug-2023	"Mobile Phone Security & Frauds"	INGU’S Knowledge Academy Pvt Ltd	Chennai
2	Dr.K.Mathan, ASP/EEE	5-July-2023	"Know about IoT Security"	INGU’S Knowledge Academy Pvt Ltd	Chennai
4	Viswanathan M. P., Assistant Professor	24.08.2024	Future Of Technology Entrepreneurship in India	Turnip innovation pvt ltd	Kolkata
5	Muthuram G.,	27.7.2023	Webinar on “ Introduction to Power Electronics using MATLab”	ISIEINDIA	
6	Muthuram G	12-08-2023	Future of Technology Entrepreneurship in INDIA	TURNIP	
7	Dr Rajeshkanna R	30.08.2023	Acclerators / Incubation – opportunities for students and Faculty – Early Stage Entrepreneurs	ICC-Activity HICET	
8	Nandhini B.	30.08.2023	Acclerators / Incubation – opportunities for students and Faculty – Early Stage Entrepreneurs	ICC-Activity HICET	
9	Dr Rajeshkanna R	12.08.2023	Future of technology Entrepreneurship	Turnip Innovations	
10	Dr Rajeshkanna R	30.08.2023	Acclerators / Incubation – opportunities for students and Faculty – Early Stage Entrepreneurs	ICC-Activity HICET	
FDP					
1	Dr. Ananthamoorthy .N.P, Prof / EEE	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore

2.	Dr. Ananthamoorthy .N.P, Prof / EEE	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
3	Dr Sekar K, Professor / EEE	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore
4	Dr. Sekar K	26th and 28th of February, 2024.	Three-Day Faculty Development Programme on “Citation & Reference Management for Scholarly Writing”	IQAC, NSB Bangalore in collaboration with Mendeley, Netherlands	Bangalore
5	Dr. Sekar K	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
6	Dr.K.Mathan, ASP/EEE	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore
7	Dr.K.Mathan, ASP/EEE	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
8	Dr Rajeshkanna R	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
9	Viswanathan M. P., Assistant Professor	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore
10	Viswanathan M. P., Assistant Professor	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore

11	Nandhini B., Assistant Professor	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbat ore
12	Muthuram G., Associate Professor	17.07.202 3 to 21.07.202 3	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbat ore
13	Muthuram G., Associate Professor	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbat ore
14	Mr. Joshua Daniel S.	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbat ore
15	Mr. Joshua Daniel S.	26th and 28th of February, 2024.	Three-Day Faculty Development Programme on “Citation & Reference Management for Scholarly Writing”	IQAC, NSB Bangalore in collaboration with Mendeley, Netherlands	Bangalor e
16	Mr. Joshua Daniel S.	17.07.202 3 to 21.07.202 3	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbat ore
17	Saravankumar K., Assistant Professor	17.07.202 3 to 21.07.202 3	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbat ore
18	Saravankumar K., Assistant Professor	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbat ore
19	Khaja Najumudeen A	26th and 28th of February, 2024.	Three-Day Faculty Development Programme on “Citation & Reference Management for Scholarly Writing”	IQAC, NSB Bangalore in collaboration with Mendeley, Netherlands	Bangalor e

20	Khaja Najumudeen A	2.1.2024 to 6.01.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
21	Khaja Najumudeen A	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore
22	Mr Maheshkumar N	17.07.2023 to 21.07.2023	“Recent Trends and Challenges in Power Generation and Power Quality Improvement Techniques	Department of EEE- JCT College of Engineering And Technology	Coimbatore
23	Mr Maheshkumar N	2.1.2024 to 6.1.2024	Five day national level Faculty Development Programme Exploring Teaching Strategies and Research Scope in Renewable Sectors	Hindusthan College of Engineering and Technology	Coimbatore
24	Mr. Joshua Daniel S.	27/05/2024 to 31/05/2024	Clean and Green Technologies for Environment Sustainability	AICTE Recognized FDP NITTTR	Chandigarh
25	SEKAR K	27/05/2024 to 31/05/2024	Clean and Green Technologies for Environment Sustainability	AICTE Recognized FDP NITTTR	Chandigarh
STTP					
Trainings					
1	Dr.K.Mathan, ASP/EEE	16.01.2024 - 25.01.2024.	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	Goa University	Goa
2	Khaja Najumudee N A - AP/EEE	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
3	Dr. Sekar K.	16.01.2024 - 25.01.2024.	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	Goa University	Goa

4	Mr. Joshua Daniel S.	16.01.2024 - 25.01.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	Goa University	Goa
5	Muthuram G., Associate Professor	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
6	Nandhini B., Assistant Professor	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
7	Rajeshkanna R., Associate Professor	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
8	Saravankumar K., Assistant Professor	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
9	Mr Maheshkumar N	17.1.2024-30.1.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	Iswar saran PG College	Prayagraj.
10	Viswanathan M. P., Assistant Professor	5.2.2024 - 14.2.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-MMTTC	University of Allahabad	Allahabad
11	Mr Muthuram G	30-01-2024 to 03-02-2024	Power Quality Problems and Solutions	AICTE Recognized FDP NITTTR	Chandigarh
12	Viswanathan M	7.12.2023	EDC-Niral Tiruvizha	Entrepreneurship Development and Innovation Institute ,Chennai (EDII-TN)	chennai

20. Details of Online courses completed by the Faculty Members

S. No	Name of Staff	Duration	Title of the Course	Platform (NPTEL / Coursera / other Online Courses)	Remarks
1	Mr. Joshua Daniel S.	8 week course(Feb-Apr 2024)	Enhancing Soft Skills and Personality	NPTEL	79 %(Elite)
2	Mr Muthuram G	July 2023	RE 101 - Fundamental Math for Solar Applications	Solar Energy International	Completed
3	Mr Muthuram G	11-12-2023 to 16-12-2023	Applications of IoT Integrated Wireless Biosensors in Diagnosing Public Health Issues	ATAL Academy	Completed
4	Saravana kumar K	Jul 18 , 2023	Introduction to solar cells	Coursera	Completed
5	Saravana kumar K	19.07.2023	Money Management	European University	Open Completed
6	Saravana kumar K	19.07.2023	Effective communication Skill	European University	Open Completed
7	Nandhini B.,	19.07.2023	Money Management	European University	Open Completed
8	Nandhini B.,	19.07.2023	Effective communication Skill	European University	Open Completed
9	Rajeshkanna R	19.07.2023	Basic Electronics	European University	Open Completed
10	Rajeshkanna R	19.07.2023	Embedded Systems	European University	Open Completed
11	Rajeshkanna R	19.07.2023	Talent Management	European University	Open Completed

21. Details of Papers/ Journal Publications /conferences

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN/ISBN		Reviewer	
		International	National	State	International	National	State	Books	Articles	National	International
1.	Dr. Ananthamoorthy.N.P,	2	1		1	1				-	-
2	Dr Sekar K,		1		5	1					
3	Dr.K.Mathan, ASP/EEE	2	1		4	1					
4	Rajeshkanna R.,	1	1		1	1					
5	Mrs Nandhini B	1	1								
6	Mr Viswanathan M P	1	1		1						
7	Mr Muthuram G		1		1	1					
8	Mr Joshua Daniel S		1		1	1					
9	Mr Saravanakumar K	3	1		3	1					
10	Mr Khaja Najumudeen A		1		1	1					
11	Mr Maheshkumar N		1		1	1					

* Proof of First page of Journal details are to be attached separately

22. Number of Academic support staff (technical) and administrative staff

S. No	Name	Designation	Qualification	Experience
1	V.Prabhu	Lab Technician	DEEE	8
2	R.Sivasankari	Lab Technician	BE	6.5
3	A.Sundar Swamy	Lab Technician	BE	3

23. MOU's Details

S. No	Name of the Company	Year of MOU signed	MOU Policy Details
1	SHARADHA ACADEMY	2023	R &D, Placement

24. Details of Department club Activities

S.No	Name of the Club	Name of faculty in charge for the club	Activities of the club
1	ENERGY CLUB	MUTHURAM G	AWARENESS RALLY ON ENERGY CONSERVATION, SEMINAR

25. Academic Toppers Details

S. No	Name of the Student	Class & Section	Percentage/CGPA
1.		I EEE	
2.	AWINI S	II EEE	9.3
3.	PREETHI P	III EEE	9.1
4.	S.DINESH KUMAR	IV EEE	9.2
5.	ABISHEAK S	I ME	9.1
6.	BABU K	II ME	8.7

26. Student Placement Details

Total number of students	Total number of eligible students	Total number of placed students	Percentage of Placed
67	57	46	68.7

* List are to be attached separately

S.No.	Name of the Students placed	Company Name	Salary per Annum (Rs)	On campus / Off Campus
1	Shankiyaa K	Tessolve Semiconductors Pvt Ltd	372000	On campus
2	Surendhar M	Ergize Automation, Chennai	144000	On campus
3	Adil A	Emin Electrical Engineering Pvt Ltd, Mumbai	180000	Off Campus
4	Mohammed Risal M P	Emin Electrical Engineering Pvt Ltd, Mumbai	180000	Off Campus
5	Nikhildas C	Emin Electrical Engineering Pvt Ltd, Mumbai	180000	Off Campus
6	Sadhik A	Emin Electrical Engineering Pvt Ltd, Mumbai	180000	Off Campus
7	Nishanth S	Quality Austria Central Asia Pvt Ltd, Uttar Pradesh	216000	Off Campus
8	Praveen .M	Surrya Blue Metal, Salem	303696	Off Campus
9	Rakkappan K	Dynavac India Private Limited. Coimbatore	162000	Off Campus
10	Lijo John J	Innov Services Private Limited, Mumbai	177468	Off Campus
11	Sivasankaran B	Texmo Pumps, Thudiyalur, Coimbatore	200000	Off Campus

S.No.	Name of the Students placed	Company Name	Salary per Annum (Rs)	On campus / Off Campus
12	Thoufeeq Roshan J	Texmo Pumps, Thudiyalur, Coimbatore	200000	Off Campus
13	Vasanthakumar S	Texmo Pumps, Thudiyalur, Coimbatore	200000	Off Campus
14	Kathiravan K	Nano Technologies, Chennai	200000	Off Campus
15	Hariharan N	Nano Technologies, Chennai	200000	Off Campus
16	Surendhar S	Texcare Solutions, Gandhipuram	180000	Off Campus
17	Nanthabala N	Texcare Solutions, Gandhipuram	180000	Off Campus
18	Sajin S J	Spotless Ai Robotics Pvt Ltd, Kanyakumari	180000	Off Campus
19	Suthan Arul P	Silicon Circuit Solution, Kanyakumari	192000	Off Campus
20	Kebin Raj S	Mn Auto Products Pvt Ltd, Kanuvai, Coimbatore	168000	Off Campus
21	Manisha R	Shri Vaari Electricals, Guindy, Chennai	144000	Off Campus
22	Mohamed Farhat	Spnn Business Service Pvt Ltd, Othakalmandapam	172068	Off Campus
23	Kajendran M	Spnn Business Service Pvt Ltd, Othakalmandapam	172068	Off Campus
24	Saisrinivasan R	Unipres India Pvt Ltd, Chennai	177600	Off Campus
25	Harikrishna S	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
26	Naveen R	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
27	Sabarishwar V	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
28	Arunkumar M	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
29	Midhun Kishad C R	Innovsource Services Pvt Ltd, Cbe	183264	Off Campus
30	Vasanthakumar S	Texmo Pumps, Thudiyalur, Coimbatore	200000	Off Campus
31	Kathiravan K	Nano Technologies, Chennai	200000	Off Campus
32	Hariharan N	Nano Technologies, Chennai	200000	Off Campus
33	Surendhar S	Texcare Solutions, Gandhipuram	180000	Off Campus
34	Nanthabala N	Texcare Solutions, Gandhipuram	180000	Off Campus
35	Sajin S J	Spotless Ai Robotics Pvt Ltd, Kanyakumari	180000	Off Campus
36	Suthan Arul P	Silicon Circuit Solution, Kanyakumari	192000	Off Campus
37	Kebin Raj S	Mn Auto Products Pvt Ltd, Kanuvai, Coimbatore	168000	Off Campus
38	Manisha R	Shri Vaari Electricals, Guindy, Chennai	144000	Off Campus
39	Mohamed Farhat	Spnn Business Service Pvt Ltd, Othakalmandapam	172068	Off Campus
40	Kajendran M	Spnn Business Service Pvt Ltd, Othakalmandapam	172068	Off Campus

S.No.	Name of the Students placed	Company Name	Salary per Annum (Rs)	On campus / Off Campus
41	Saisrinivasan R	Unipres India Pvt Ltd, Chennai	177600	Off Campus
42	Harikrishna S	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
43	Naveen R	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
44	Sabarishwar V	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
45	Arunkumar M	Bnc Motors Pvt Ltd, Sidco, Coimbatore	192612	Off Campus
46	Midhun Kishad C R	Innovsource Services Pvt Ltd, Cbe	183264	Off Campus

27. Student Higher Studies Details

Number of students doing higher studies (UG to PG)	Number of students doing higher studies (PG to PhD)	Number of students inside India	Number of students outside India
4	NIL	4	NIL

* List are to be attached separately

S.No.	Name of the Student - Higher Education	Institute Name	Name of the Program	Stipend in Rs., if any	National / International
1	Ariya S M	University of Sydney, Camperdown/Darlington, Sydney	Master of Professional Engineering (Accelerated) (Electrical)	Nil	International
2	Vaishnav K A	NSS College of Engineering, Palakkad, Kerala, India	MTech – Electrical and Electronics Engineering	Nil	National
3	Jinoy R	National Power Training Institute, Neyveli, Tamilnadu, India	PGDCA in PPE	Nil	National
4	Navanith R	Anglo Eastern Maritime Academy, Maharashtra, india	ETO - Electro-Technical Officer	Nil	National

28. Student as Entrepreneur Details

Entrepreneur after UG	Entrepreneur after PG	Percentage of Entrepreneur in total outcome of students

* List are to be attached separately

(II) CURRICULAR ASPECTS

1. Year in which the present syllabi have been revised:
2. Course / Topics included in the revised syllabus:
3. Curriculum & Syllabus standard on par with National/International standard benchmark following CBCS, OBE, and Blooms Taxonomy concepts:
4. Name of the Benchmark Institution referred:
5. Is the overall curriculum and Syllabus focused towards Institutional Graduate Attributes:

S.NO	Descriptions	Y/N
1	Standard of the syllabi	Y
2	Relevance of the syllabus for Industrial Need	Y
3	Standard of Electives	Y
4	Standard of Learning resources used	Y
5	Course Objectives and Outcomes	Y
6	Mapping done on par with Course Outcome	Y
7	Focus of curriculum and Syllabus towards Institutional Graduate Attributes	Y
8	Standard of Counselling records	Y
9	Industrial visits up to the mark of need based technology	Y
10	Digital tool usage in syllabi	Y
11	Consulting Industrial experts to frame curriculum and Syllabus	Y
12	Consulting Academic experts to frame curriculum and Syllabus	Y
13	Consulting Alumni to frame curriculum and Syllabus	Y

(III) TEACHING, LEARNING AND EVALUATION

S.NO	Descriptions	Y/N
1	Academic Calendar	Y
2	Allotment of teaching Hours for each subject is sufficient	Y
3	Maintenance of log book	Y
4	Standard of delivering the lectures by the staff members	Y
5	Sufficient number of assignment/seminars delivered by the students in each subject	Y
6	List of Learning resources available	Y
7	Coverage of the syllabus in time	Y
8	Content beyond the syllabus	Y
9	Usage of ICT tools	Y
10	Mapping done on par with Program outcomes and Course Outcomes	Y
11	Mapping done on par with Program Specific outcomes and Course Outcomes	Y
12	Standard of Question paper	Y
13	Result analysis	Y
14	Is proper corrective action initiated	Y
15	Level of Remedial records	Y
16	Periodical department discussion of academic progress [Minutes of meeting]	Y
17	Industrial visits organized	Y
18	Special attention taken on slow learners/remedial record	Y
19	Feedback analysis 1.Parents Feedback 2.Students Feedback 3.Alumni Feedback 4. Employer Feedback 5. Employee Feedback 6.Academic Experts Feedback	Y

Outcome Based Education (OBE):

1. PO attainment: (for 2023 passed out students)

POs	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
Target	2.48	2.31	2.15	1.89	1.39	1.34	1.17	1.29	1.09	1.27	1.35	2.1
Attainment	2.53	2.37	2.26	1.92	1.34	1.39	1.06	1.33	1.16	1.35	1.39	2.21

Gap Analysis:

POs	Target Level	Attainment Level	Observations
<p>PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</p>			
PO1	2.48	2.53	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Electrical and Electronics Engineering curriculum requires the strong foundation of theoretical and practical knowledge of science and mathematics, which the students study during their entire programme, especially in their first year, but improvement in correlating the theoretical concepts with applications is required.
<p>Action Taken:</p> <p>Action 1: Industries Visits are arranged in core areas of Electrical and Electronics Engineering. Understand the fundamentals to boost the technical knowledge.</p> <p>Action 2: Bridge courses are conducted to strengthen the knowledge of students in fundamentals of mathematics and science.</p> <p>Action 3: Workshops and seminars were conducted to enhance the basic knowledge of the students.</p>			
<p>PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</p>			
PO2	2.31	2.37	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Exposure of the students to real world problems is less hence students are not able to visualize and relate to academic subjects. ▪ Research exposure to the students is less.
<p>Action Taken:</p> <p>Action 1: Access to research journal in library for the students for reading journal papers for latest research.</p> <p>Action 2: Students are motivated to participate in science project exhibition for developing an analytical mind which can work towards problem solving.</p> <p>Action 3: Engage tutorial to improve the problem solving skills of the student.</p>			
<p>PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal and Environmental considerations.</p>			
PO3	2.15	2.26	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Most of the projects developed by the student as course/ hobby projects/ major projects (final year) are considering the social and environmental issues.
<p>Action Taken:</p> <p>Action 1: Students are motivated to include all standard parameters and constraints according to National and International safety norms and to address environmental concerns.</p>			

POs	Target Level	Attainment Level	Observations
<p>Action 2: Academic regulations were made to include courses like ‘Design thinking’, Mini projects to improve the innovative skills.</p> <p>Action 3: Students are encouraged to do industrial training and internships to enhance the ability to identify and formulate complex engineering problems.</p>			
<p>PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the Information to provide valid Conclusions.</p>			
PO4	1.89	1.92	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ In research based Projects Students are not able to end with valid conclusion in the stipulate period.
<p>Action Taken:</p> <p>Action 1: Project work is split into two phases in order to provide more span for literature review, material selection and methodology.</p> <p>Action 2: Students are encouraged to participate in technical paper presentations in National level symposium conferences etc.</p> <p>Action 3: Students are encouraged to take up internships to expose them to real time engineering problems.</p>			
<p>PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.</p>			
PO5	1.39	1.34	<ul style="list-style-type: none"> ▪ Target level has not been achieved. ▪ Up-gradations of tools and resources are necessary to meet the industry standards and research.
<p>Action Taken:</p> <p>Action 1: Students are taught with modern modes and methods of teaching like using LCD Projectors and with interactive panel and digital boards and learning in smart class rooms.</p> <p>Action 2: Students are trained in tools like MATLAB, LABVIEW, tools etc. to make them more employable.</p> <p>Action 3: Seminar on ‘Industry automation 4.0 using TINKERCAD’ is organised to the students for improving the research projects.</p>			
<p>PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.</p>			

POs	Target Level	Attainment Level	Observations
PO6	1.34	1.39	<p>Target has been attained.</p> <p>It is observed that the students are found to be less active as far as social activities were concerned.</p>
<p>Action Taken:</p> <p>Action 1: Students are encouraged to participate in social clubs like NSS, Yoga club etc</p> <p>Action 2: Various industry visits are arranged for the students to understand and expose themselves to the safety and health practices.</p> <p>Action 3: Students are motivated to participate in blood donation and eye camp has been organised in college.</p>			
<p>PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</p>			
PO7	1.17	1.06	<ul style="list-style-type: none"> ▪ Target level has not been achieved. ▪ The issues of global and environmental awareness among the student should be improved.
<p>Action Taken:</p> <p>Action 1: Students are motivated to participate in Outreach activity “Tree Plantation”, to understand and expose themselves to the safety and health practices.</p> <p>Action 2: Hands on training and Workshop on Solar powered water pumping system are conducted to gain knowledge on sustainable development.</p>			
<p>PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</p>			
PO8	1.29	1.33	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ It is observed that ethical/ moral knowledge among the students are quite low.
<p>Action taken:</p> <p>Action 1: Students are instructed to conduct themselves responsibly, ethically, and lawfully so as to enhance the reputation, and usefulness of the profession.</p> <p>Action 2: Seminar organised on ‘Human Values’ for the students to lead a valuable life ethically in their profession.</p> <p>Action 3: Students are encouraged to participate in co-curricular activities and organised Sports tournaments to get knowledge on ethical principles.</p>			
<p>PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</p>			
PO9	1.09	1.16	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Students encouraged to participate in competitions to exhibit their talents.

POs	Target Level	Attainment Level	Observations
Action Taken:			
Action 1: Internship training is introduced as mandatory course which will allow the students to learn the skills and work as a team.			
Action 2: The project work is conducted by student groups in which students with different abilities are included to learn to work with team members of different capabilities and background.			
Action 3: The laboratory work of the students is conducted by framing student groups so that students learn to work in a team environment.			
PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.			
PO10	1.27	1.35	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ The communication, presentation and report writing skills are quite low among the students
Action Taken:			
Action 1: Soft skills courses are introduced in the curriculum to enhance the communication and personality of the students.			
Action 2: Seminar hours are dedicated for the students to improve the presentation skills.			
Action 3: Group discussions are organized through the placement training to improve the communication skills.			
PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.			
PO11	1.35	1.39	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Managerial principles on work including financial implications and to manage the project in multidisciplinary environments are observed to be good.
Action Taken:			
Action 1: Students are motivated to do group projects to manage the finance.			
Action 2: Students are given role as President, Vice President and Treasurer in various professional society student chapters, clubs and technical events/symposiums to enhance their finance management.			
PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological Change.			
PO12	2.1	2.21	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Life-long learning among the student community is observed to be good.
Action Taken:			
Action 1: Students are encouraged to refer journals which kindle their lifelong leaning habit.			

POs	Target Level	Attainment Level	Observations
Action 2:			Encourage the students to participate in various conferences, paper presentations, technical symposium, project expos and technical events to expose themselves to recent technologies, this induce lifelong learning practice.
Action 3:			Students are motivated to take online courses like NPTEL, Coursera etc, to improve their self-learning skills.
Action 4:			Students are motivated to go for higher studies.

2. PSO attainment: (for 2023 passed out students)

PSOs	PSO1	PSO2
Target	2.31	2.35
Attainment	2.42	2.48

Gap Analysis:

PSOs	Target Level	Attainment Level	Observations
<p>PSO1: Graduates will acquire the knowledge of Design, Performance & Testing of Static & Dynamic Electrical Machines, Electrical Drives and Power Electronics applicable in core and related fields.</p>			
PSO1	2.31	2.42	<ul style="list-style-type: none"> ▪ Target level has been attained. ▪ Continuous efforts are being made for the further improvement.
<p>Action Taken:</p> <p>Action 1: Students are encouraged to learn the basics through online courses.</p> <p>Action 2: Value added courses and technical trainings are conducted to enhance their basic knowledge on core courses.</p>			
<p>PSO2: Graduates will attain knowledge and acquire skills by applying modern software tools for Design, Simulation and Analysis of Electrical Systems to successfully adapt in multi-disciplinary environments.</p>			
PSO2	2.35	2.48	<ul style="list-style-type: none"> • Target level has been attained. • Students exposed to software tools and research techniques.
<p>Action Taken:</p> <p>Action 1: Students are trained in design and analysis tools like MATLAB, LABVIEW, etc. with the support from industry experts.</p> <p>Action 2: Students are motivated to improve the innovation skill with the Product development laboratory and IDEA lab.</p>			

3. PEO attainment: (for 2020/2021 passed out students)

PEOs	PEO1	PEO2
Target	NA	NA
Attainment	NA	NA

Gap Analysis: NA

(IV) INFRASTRUCTURAL FACILITIES

S.NO	Infrastructural facilities	Y/N
1	Adequate No. of Class Rooms/ Staff Room	Y
2	Adequate No. of books	Y
3	Adequate No. of Periodicals/Journals	Y
4	Adequate No. of Teaching Aids	Y
5	Adequate No. of Computers in the Lab	Y
6	Adequate Laboratory Equipment and facilities	Y
7	Adequate Budget/ Fund allotted to the Department	Y

1. Details of the laboratories in the department

S.No	Name of the Laboratory	Area (m ²)
1	Control and Instrumentation Laboratory	102.33
2	Electric Circuits Laboratory	104.24
3	Project Laboratory	95.54
4	Electrical Machines Lab	313.64
5	Research Laboratory	102.33
6	Measurement & Instrumentation Lab	155.92
7	Power Electronics Laboratory	101.00
8	Simulation Laboratory	95.54
9	Engineering Practices Laboratory	128.50
Others (Research Labs / Centre of Excellence, etc.)		
NIL		

2. List of major equipment (value more than Rs.50,000)

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1	Control and Instrumentation Laboratory	Transfer Function Of Dc Servo Motor	VI-Microsystem Pvt-Ltd, Chennai	1	52,799	52,799

2	Control and Instrumentation Laboratory	Digital Storage Mixed Signal Oscilloscope	VI-Microsystem Pvt-Ltd, Chennai	1	77,500	77,500
3	Electric Circuits Laboratory	Cathode Ray Oscilloscope	Megatronics, Coimbatore	3	19500	58500
4	Project Laboratory	LPC 2148 Development Board	VI-Microsystem Pvt-Ltd, Chennai	4	31660	1,26,640
5	Project Laboratory	MSP430 Development Board	Pantech Labs India Pvt Ltd	3	23500	70,500
6	Project Laboratory	ARM Processor Development Board	Pantech Labs India Pvt Ltd	7	17170	1,01,500
7	Electrical Machines Lab	DSP Based Closed Loop Drive For Induction Motor	VI-Microsystem Pvt-Ltd, Chennai	1	84,545	84,545
8	Electrical Machines Lab	Junction Motor Speed Control Using FPGA	VI-Microsystem Pvt-Ltd, Chennai	1	84,646	84,646
9	Electrical Machines Lab	Speed Control Of BLDC Motor	VI-Microsystem Pvt-Ltd, Chennai	1	1,00,240	1,00,240
10	Electrical Machines Lab	DSP Based Chopper Fed DC Motor Drive	VI-Microsystem Pvt-Ltd, Chennai	1	84,545	84,545
11	Electrical Machines Lab	Rectifier	Bright Electro Control Equipment (P) Ltd	1	66690	66690
12	Electrical Machines Lab	DC Shunt Motor Coupled With 3 Phase Alternator	Rectifier India, Chintadri Pet, Chennai-2	2	50418	100835
13	Electrical Machines Lab	3 Phase Resistive Load 7.5 KW	Megatronics, Coimbatore	3	19500	58500
14	Electrical Machines Lab	5HP 3 ph Induction Motor With Loading Arrangment	Megatronics, Coimbatore	2	35500	71000
15	Electrical Machines Lab	5HP DC Shunt Motor With Loading Arrangment	Megatronics, Coimbatore	2	52500	105000
16	Electrical Machines Lab	5HP DC Shunt Motor Coupled With DC Compound Generator	Megatronics, Coimbatore	1	95000	95000
17	Control and Instrumentation Laboratory	Digital Storage Oscilloscope (40MHz)	Isquare System	2	30600	61,200
18	Power Electronics Lab	Cathode Ray Oscilloscope(30 Mhz)	Megatronics, Coimbatore	3	18918	56756
19	Power Electronics Lab	Cathode Ray Oscilloscope(20 Mhz)	Megatronics, Coimbatore	5	17884	89424
20	Simulation Lab	ETAB Version 5.0.3.10 user LAN Software	KLG SYSTEL,Gurgaon	1	337500	337500
21	Simulation Lab	24 Port Switch	HCL	1	65455	65455
22	Simulation Lab	Nutech Engineer online UPS 40 KVA	NUTECH ENGINEER	1	220500	220500
23	Simulation Lab	Desktop Model : HP 280 G3 MT MBD : Intel HDD : 500GB Processor : Intel® core™	HP INDIA SALES PVT LTD	40	35164	1406560

		i5-3.0GHz RAM : 8GB Monitor : LCD 18.5 inch				
24	Simulation Lab	Desktop Model : HP Elite 7100 Micro tower PC MBD : Intel HDD : 320 RAM : 2GB Processor : Intel® Core™ i3, 3.20Ghz Monitor : 18.5inch TFT HP Mouse and Keyboard	ATEAM IT LTD	5	17170	85850
25	Simulation Lab	Desktop Acer Veriton	E-WARE INF SOLUTIONS	13	21000	273000
26	Simulation Lab	Exide Tubular battery	B2EPL	30	8400	252000

3. Details of new labs established in the current academic year

S.No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1	Embedded PLC lab	ARM PROCESSOR DEVELOPMENT BOARD	PANTECH LABS INDIA PVT LTD	7	17170	1,01,500
		XILINX SPARTAN 3E FPGA TRAINER	VI-MICROSYSTEMS PVT LTD	2	5240	10,483
		PIC EMBEDDED KIT	ALLZONE SYSTEM	6	9000	54,000
		PLC TRAINER	VI-MICROSYSTEMS PVT LTD	1	35452	35452
		PLC BASED DRIVES	VI-MICROSYSTEMS PVT LTD	1	39730	39,730
2	Solar PV lab	PV PANELS 100W, 12V	LABTECH INDIA PVT LTD	2	6000	12000
		BATTERY STORAGE SYSTEM WITH CHARGE AND DISCHARGE CONTROL 40AH	LABTECH INDIA PVT LTD	1	12900	12900
		POTENTIOMETER	LABTECH INDIA PVT LTD	4	500	2000
		STEP DOWN TRANSFORMER (12-0-12)	LABTECH INDIA PVT LTD	4	1500	6000

2	Mr.SARAVANAKUMAR K	Electric Circuits Lab	Available	Available	Available	Available	Available	Available
3	Dr.K.MATHAN	Electronic Design Lab	Available	Available	Available	Available	Available	Available
4	Mr.G.MUTHURAM	Simulation Lab	Available	Available	Available	Available	Available	Available
5	Mr.S.JOSHUA DANIEL	Electrical Drives And Control Lab	Available	Available	Available	Available	Available	Available
6	Mr MAHESHKUMAR N	Electrical Machines Lab	Available	Available	Available	Available	Available	Available
7	Dr. SEKAR K	Engineering Practices Lab	Available	Available	Available	Available	Available	Available
8	Mr VISWANATHAN M P	Power Electronics Lab	Available	Available	Available	Available	Available	Available
9	Dr.RAJESHKANNA	Integrated circuits lab	Available	Available	Available	Available	Available	Available
10	Mr A.KHAJANAJEEMUDEEN	Measurement & Instrumentation Lab	Available	Available	Available	Available	Available	Available

5. Present details of departmental infrastructural & other facilities with regard to Departmental Library (Vol., books, journals etc.)

Books	Journals	
	International	National
1449	130	12

* List of Journals are to be attached separately

(V) STUDENT SUPPORT, PARTICIPATION AND PROGRESSION

S. No	Description	Y/N
1	The student's grievances record	Y
2	Counselling by outside source	Y
3	Committee for prevention of ragging (Dept./college) ?	Y
4	Efforts taken for placement of students - Placement	Y
5	Students awareness of competitive avenues like GATE,CSIR, various entrance examinations for Ph.D. admission and students fellowships	Y
6	Register for alumni of the department with their addresses-Alumni register	Y
7	Class Committee Meeting	Y
8	Peer Group Meeting	Y
9	Coaching for students for skills training by outside experts/by teachers	Y

1. Year-wise results of students at UG and PG (last 3 years) (Separate table for UG and PG)

Year		UG	Appeared	Passed	Pass %
IV	2022- 2023	2019-23	70	63	90
III		2020-24	67	56	83.5
II		2021-25	67	45	67
I		2022-26	63	34	54
IV	2021-2022	2018-22	83	81	97.6
III		2019-23	70	60	85.7
II		2020-24	67	43	64.2
I	2020-2021	2021-25	63	40	63.5
IV		2017-21	106	102	96.2
III		2018-22	83	81	97.6
II		2019-23	71	59	83.1

Year		PG	Appeared	Passed	Pass %
II	2022-2023	2021-23	14	14	100
I		2022-24	18	17	
II	2021-2022	NA	NA	NA	NA
I		2021-23	14	14	100
II	2020-2021	NA	NA	NA	NA
I		NA	NA	NA	NA

2. Awards and Prizes received by students at various events conducted at University, state, national and international level.

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
1	22105057	Sugumaran T	29-11-2023	Science Day - English Speech Competition / II Prize	National	Hindusthan College of Engineering and Technology , Coimbatore, Tamilnadu
2	720722105046	Sanjai S	26 th to 27 th Feb 2024	13th Centies Championship 2024- Volley Ball – Men / Second Place	National	Kongu Engineering College, Perundurai, Tamilnadu
3	720722105018	Jaya Chandhar J	26 th to 27 th Feb 2024	14th Centies Championship 2024- Volley Ball – Men / Second Place	National	Kongu Engineering College, Perundurai, Tamilnadu
4	720722105032	Mohamed Thoufeek T S	21 st to 22 nd Feb 2024	13th Centies Championship 2024- Volley Ball – Men / First Place	National	Sri Ramakrishna Institute of Technology , Coimbatore, Tamilnadu
5	720722105057	Sugumaran T	01.03.2024	Technical Quiz - UDHAYA M'24 – An intercollegiate Technical and Cultural Fest / First Prize	National	KIT- Kalaigarnarkaranidhi Institute of Technology , Coimbatore, Tamilnadu

6	7207221050 53	Sreejith R	01.03.20 24	Paper Presentation – Title – Forest Fire detecting system UDHAYA M'24 – An intercollegia te Technical and Cultural Fest / First Prize	National	KIT- Kalaigark runanidhi Institute of Technology , Coimbatore, Tamilnadu
7	7207221050 30	Manish M	01.03.20 24	Paper Presentation – Title – Forest Fire detecting system UDHAYA M'24 – An intercollegia te Technical and Cultural Fest / First Prize	National	KIT- Kalaigark runanidhi Institute of Technology , Coimbatore, Tamilnadu
8	7207221050 45	Samuel K Thobiyas	01.03.20 24	Paper Presentation – Title – Forest Fire detecting system UDHAYA M'24 – An intercollegia te Technical and Cultural Fest / First Prize	National	KIT- Kalaigark runanidhi Institute of Technology , Coimbatore, Tamilnadu
9	7207221050 30	Manish M	01.03.20 24	Technical Quiz - UDHAYA M'24 – An intercollegia te Technical and Cultural Fest / Second Prize	National	KIT- Kalaigark runanidhi Institute of Technology , Coimbatore, Tamilnadu

10	7207221050 19	Jayaprasanth S	29.11.20 23	IIC driven activity – Startup Event – Title-Anti sleep alarm for drivers / Second Prize	National	Department of Mechatronics - Hindusthan College of Engineering and Technology , Coimbatore, Tamilnadu
11	7207221050 52	Sivapriya V	29.11.20 23	IIC driven activity – Startup Event – Title-Anti sleep alarm for drivers / Second Prize	National	Department of Mechatronics - Hindusthan College of Engineering and Technology , Coimbatore, Tamilnadu
12	7207221050 27	Kishor M	1 st to 11 th March 2024	COVAI TIES-2024-Inter Engg College Sports and Games-KABADDI / Winner	National	Sr Krishna College of Engineering and Technology , Coimbatore, Tamilnadu
13	7207221050 32	Mohamed Thoufeek T S	1 st to 11 th March 2024	COVAI TIES-2024-Inter Engg College Sports and Games-KABADDI / Winner	National	Sr Krishna College of Engineering and Technology , Coimbatore, Tamilnadu
14	7207221050 18	Jayachandhar J	01.03.20 24 to 11.03.20 24	COVAI TIES-2024-Inter Engineering College sports and Games – volley ball / Runner	National	Sri Krishna College of Engineering and Technology ,Coimbatore ,Tamilnadu

15	7207221050 46	Sanjay S	01.03.20 24 to 11.03.20 25	COVAI TIES-2024- Inter Engineering College sports and Games – volley ball / Runner	National	Sri Krishna College of Engineering and Technology ,Coimbatore ,Tamilnadu
16	7207221050 18	Jayachandhar J	15.03.20 24 to17.03.2 024	6 th Alumini Trophy- SREC Alumini Association -Volley ball / Third prize	National	Sri Krishna Engineering College, Coimbatore, Tamilnadu
17	7207221050 43	Ragu R	15.03.20 24 to17.03.2 025	7 th Alumini Trophy- SREC Alumini Association -Volley ball / Third prize	National	Sri Krishna Engineering College, Coimbatore, Tamilnadu
18	7207221050 46	Sanjay S	15.03.20 24 to17.03.2 026	8 th Alumini Trophy- SREC Alumini Association -Volley ball / Third prize	National	Sri Krishna Engineering College, Coimbatore, Tamilnadu
19	7207221050 43	Ragu R	22.03.20 24 to 24.03.20 24	Dr.SRK Prasad Memorial Alumni Trophy – Kabadi - 2024 / Winner	National	Coimbatore Institute of Technology , Coimbatore, Tamilnadu
20	7207221050 18	Jayachandhar J	22.03.20 24 to 24.03.20 24	Dr.SRK Prasad Memorial Alumni Trophy – Kabadi - 2024 / Winner	National	Coimbatore Institute of Technology , Coimbatore, Tamilnadu

21	7207221050 46	Sanjay S	22.03.20 24 to 24.03.20 24	Dr.SRK Prasad Memorial Alumni Trophy – Kabadi - 2024 / Winner	National	Coimbatore Institute of Technology , Coimbatore, Tamilnadu
22	7207221050 32	Mohamed Thoufeek T S	22.03.20 24 to 24.03.20 24	Dr.SRK Prasad Memorial Alumni Trophy – Kabadi - 2024 / Winner	National	Coimbatore Institute of Technology , Coimbatore, Tamilnadu
23	7207221050 10	Awini S	27.02.20 24	Symposium – Paper presentation – Title “Smart fan and light system – ZENFOX- 2k24 – Dept of ECE / Third Prize	National	PA College Of Engineering And Technology
24	7207221050 38	Naveen M	27.02.20 24	Symposium – Paper presentation – Title “Smart fan and light system – ZENFOX- 2k24 – Dept of ECE	National	PA College Of Engineering And Technology
25	20105802	Mohanned Riyaz	10.10.20 23	BHARATH CYCLE DESIGN CHALLENGE 2023 / First Prize	National	All India Council For Technical Education

3. Details of students projects /Funds

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
1.	ABHINAND M R	IV EEE	DESIGN AND DEVELOPMENT OF e-MOTORCYCLE	NO	NIL
2	ANANTHA KRISHNAN M B				
3	EDISON G				
4	NIKHILDAS C				
5	ADIL A	IV EEE	DEVELOPMENT OF GASOLINE MOTORCYCLE TO e-VEHICLE	NO	NIL
6	MOHAMMED ABDUL BASITH C P				
7	MOHAMMED RISAL M P				
8	SADHIK A				
9	ALAMEEN A	IV EEE	AI IMPLEMENTED MOST ADVANCED PEDESTRIAN DROPPER FOR BLIND AND ELDERLY PERSONS	YES	10000
10	CHOCKALINGAM S				
11	GUNA P				
12	VISWA ANANTHA V				
13	ARUN C	IV EEE	SMART CAR WASHING SYSTEM USING PLC	NO	NIL
14	DHANUSH M				
15	DINESH S				
16	ELAVARASAN S				
17	ARUN KUMAR M	IV EEE	WATER LEVEL CONTROLLER USING PLC	NO	NIL
18	KATHIRAVAN K				
19	RAKKAPPAN K				
20	SURENDHAR M				
21	BALAKUMARAN A	IV EEE	FAULT DETECTION IN MULTILEVEL H-BRIDGE INVERTER USING MACHINE LEARNING ALGORITHM	NO	NIL
22	KEBIN RAJ S				
23	NISHANTH S				
24	SHANKIYAA K				
25	BHARATHKUMAR S	IV EEE	SOLAR POWERED IRRIGATION PUMP FOR AGRICULTURAL PURPOSE	NO	NIL
26	NITHIS KUMAR J				
27	PRADEESH B				
28	SANTHOSH K B				
29	DINESH R P	IV EEE	PLC BASED WATER BOTTLE FILLING MACHINE	NO	NIL
30	VIJAY KUMAR U S				
31	HARIHARAN N				
32	SRINATH R				
33	DINESHKUMAR S	IV EEE	SPEED CONTROL OF SWITCHED RELUCTANCE MOTOR MOTOR FOR EV APPLICATION	NO	NIL
34	HARIKRISHNA S				
35	NAVEEN R				
36	SABARISHWAR V				

37	KAJENDRAN M	IV EEE	SOLAR DATA COLLECTOR AND AI BASED BOOST POWER TRANSMISSION	NO	NIL
38	MOHAMED FARHAT				
39	PRAVEEN KUMAR T				
40	SUTHAN ARUL P				
41	KAVIYARASAN K	IV EEE	ANDROID CONTROLLED DISTANCE DATA MEASURING ROBOT IN RUGGED AREA	NO	NIL
42	SAISRINIVASAN R				
43	SURENDHAR S				
44	VASANTHAKUMAR S				
45	LIJO JOHN J	IV EEE	SMART BATTERY MANAGEMENT SYSTEM	NO	NIL
46	MANISHA R				
47	SAJIN S J				
48	MOHAMMED RIYAZ K				
49	MANOJ KUMAR V	IV EEE	SMART ENERGY METER USING IoT	NO	NIL
50	MOHAMMED MEERAN JAVITH M				
51	NAGARAJAN N				
52	RAGUL E				
53	MIDHUN KISHAD C R	IV EEE	PLC BASED PIC AND PLACED AUTOMATION SYSTEM BY CONVEYOR	NO	NIL
54	PRAVEEN M				
55	RAGUL PRASATH S				
56	SOMESH M				
57	NANTHA BALAN	IV EEE	SELF POWERED WEARABLE DEVICE FOR CONTINUOUS HEALTH MONITORING	NO	NIL
58	SAKTHIDHASAN V				
59	SANJEEV V				
60	THAVASI R				
61	SIVASANKARAN B	IV EEE	HYBRID STREET LIGHTING SCHEME	NO	NIL
62	THAGESH R				
63	THOUFEEQ ROSHAN J				
64	VISWAS S				
65	BARANIDARAN S	IV EEE	DESIGN AND IMPLEMENTATION OF SOLAR POWER CHARGER	NO	NIL
66	SHEIK KOTHARI RAJA D				
67	SRI HARIHARAN S P				

4. Details of students scholarship

S. No	Name of the Student	Class	Type of the Scholarship	Scholarship provided organization details	Amount in (Rs.)
1.	PRADEEP K S	III EEE	PMMS	CENTRAL GOVERNMENT	55000
2.	PRAKASH S	III EEE	PMMS	CENTRAL GOVERNMENT	55000
3.	PRAVEEN K	III EEE	PMMS	CENTRAL GOVERNMENT	55000
4.	PREETHI P	III EEE	PMMS	CENTRAL GOVERNMENT	20000
5.	SRINIVASAN B	III EEE	PMMS	CENTRAL GOVERNMENT	55000
6.	Dharun R	II EEE	PMMS	CENTRAL GOVERNMENT	68000
7.	SARAN R	II EEE	PMMS	CENTRAL GOVERNMENT	55000
8.	SRINIVASAN K	II EEE	PMMS	CENTRAL GOVERNMENT	59000
9.	Akalya K	II EEE	WOMENS	WOMENS	24000
10.	AWINI	II EEE	SSS	SSS and segaram	50000
11	UDHASINI C	II EEE	BC state government	BC state government	7500
12	Sudarsan S KN	II EEE	SC AND ST	SC AND ST	62000
13	NAVIN M	II EEE	BC	state government	5000
14	SIVA PRIYA	II EEE	BC	state government	7500
15	SAJIN	II EEE	MBC	MBC	7400
16	Balaji M	II EEE	BC	state government	3400
17	Vignesh s	II EEE	MBC	state government	7400
18	Nikshitha sherin N	II EEE	BC	state government	3400
19	SANJAI KUMAR LB	II EEE	BC	state government	7400
20	ASHIF AHAMMED M	II EEE	MBC	state government	3500
21	Kalaiselvan V	II EEE	BC	state government	9200

5. Details of industrial visits organized for the students

S. No	Date	Name of the Company	Class	No. of participants	Outcomes of the visits
1	4.11.2023	SSM	II EEE	52	
2	17.02.2023	Radio Astronomy Centre	III EEE	50	

6. Details of Internship for the students

S. No	Class	Name of Students	Name of Company	Duration		Outcomes of the intern
1	III EEE	Ajay A	POPULAR SYSTEM,SRG POWER CONTROL SYSTEM	23/03/2024	15/05/2024	54
2	III EEE	Soniya D	Hailstone Engineering	26/12/2022	18/01/2023	24
3	III EEE	GokulaKrishnan D	Terra Aqua pumps private limited	24/06/2024	24/10/2024	
4	III EEE	RAMAPRAKAS H S	Terra Aqua pumps	24/06/2024	24/09/2024	
5	III EEE	Mohanesh SM	Popular systems	23/01/2024	21/02/2024	28
6	III EEE	Khamalesh M D	Popular systems	23/01/2024	21/02/2024	28
7	III EEE	AJAY KUMAR S	POPULAR SYSTEMS	23/01/2024	21/02/2024	28
8	III EEE	Mohanesh SM	Hindusthan Heavy Electricals pvt.ltd	05/01/2023	11/01/2023	6
9	III EEE	Khamalesh M D	Hindusthan heavy electricals pvt Ltd	05/01/2023	11/07/2024	6
10	III EEE	DEVENDRAN M	EMGLITZ TECHNOLOGIES	04/01/2023	18/01/2023	14
11	III EEE	ARUNMOZHIVA RMAN. S	Emglitz technology	10/02/2023	28/02/2023	18
12	III EEE	Soniya D	Hailstone Engineering	26/12/2022	18/01/2023	22

7. List the distinguished alumni of the department (At least one alumnus per batch)

S.No.	Name of the Alumni	Batch	Current Employment
1.	Vignesh M	2012-2016	Executive Engineer/ Ashok Leyland/Chennai
2.	Sam Sandeep	2012-2016	Deputy Manager/Kotak Mahindra Bank/Chennai
3.	Nancy Rani J	2012-2016	Cognizant Technologies Solutions/Coimbatore
4.	Jegathieswaran G	2007-2011	Senior Engineer/Honeywell Technologies/Bangalore
5.	Arun B	2007-2011	Associate Engineer/Caterpillar India Pvt Ltd/ Chennai
6.	Arun Prasath K	2005-2009	Assistant Engineer/TNEB/Kotagiri
7.	Aishwarya S	2005-2009	System Engineer/Tymphany/ China

S.No.	Name of the Alumni	Batch	Current Employment
8.	Sabarinath S	2004-2008	Sr. Software Engineer/Robert Bosch/Coimbatore
9.	Sriram Prasath	2003-2007	Pilot/Orient Aviation Corporation/Philippines
10.	Sandeep Gopinath	2003-2007	Team Leader/ Accenture/Bangalore
11.	Babu .K	2018-2022	Cognizant Technologies Solutions/Coimbatore

8. Drop out Student Details:

S.No	Name of the Student	Year of Drop out	Reason for the Drop out
			NIL

(VI) ACADEMIC SUPPORT ACTIVITIES

S. No	Description	Y/N
1	Graduate Exit Survey	Y
2	Course Exit Survey	Y
3	CO/PO attainment level	Y
4	Course Information Sheet	Y
5	Course File	Y
6	Time Table File	Y
7	Department Newsletter	Y
8	External Experts visits to the Department	Y
9	Discipline Committee	Y
10	Department Budget File	Y
11	Elective/Open Elective File	Y
12	Department Minutes of Meeting File	Y
13	Best Practices	Y
14	Department Extension Activities	Y
15	First aid supplies in department	Y

SWOC ANALYSIS

1. Highlight the Special Unique facilities of the department.

- Anna University Permanent Affiliations and Centre of excellence.
- The curriculum contents are novel, involving themes and topics of current applications.
- A critical mass of faculty, quite reasonable size (almost enough to cover a variety of basic courses). High-quality faculty having expertise in a broad range of modern EEE fields.
- Adequate and well Equipped Laboratories and Technical man power

2. Detail major Strengths, Weakness, Opportunities and Challenges (SWOC) of the department

Strength	Weakness
<p>1. The Department of EEE has well competent and committed faculty and Non- Teaching Staff. Faculty is highly capable since 100% of them possess Master and Some of them Doctoral degrees.</p> <p>2. The structure and composition of the current curriculum are very flexible and favourable to build up an integral and wide-ranging content of courses through the major, minor and co-curricular areas. The programme contents are novel, involving themes and topics of current applications.</p> <p>3. All the laboratories have a well-equipped infrastructure with a spacious built-up area.</p> <p>4. The mechanism is available for direct mentoring of students by faculty, interacting with students, and directing them to upgrade their skills.</p> <p>5. Strong research potential with proven records of high-quality research, relatively good faculty members in research; active faculty publication activities.</p>	<p>1. The activities through Industry Institution Interaction Cell are to be improved.</p> <p>2. There is an oversupply of general elective courses. It should be focused and concentrated on specific topics</p> <p>3. More effort is needed to increase the number of state/central government-funded projects to strengthen the department.</p> <p>4. Number of volumes and journals in the department library needs to be increased.</p>
Opportunities	Challenges
<p>1. Department is regularly organizing various development programs for the benefit of faculty and students through seminars, workshops, conferences, symposiums and the student meets.</p> <p>2. Increased demand for engineers in the power sector. The current tendency of green engineering, clean energy and social network via the internet.</p> <p>3. Scope for enhanced research work to be carried out in all related fields of electrical engineering.</p> <p>4. Possibility of becoming effective and individual entrepreneurs by enjoying the benefits and encouragement given by the management.</p> <p>5. More employment potential in research centres and bodies like CPRI, DRDO etc.,</p> <p>6. Scope for the development of interdisciplinary projects useful for society.</p>	<p>1. Global challenges may hamper placement opportunities for students. To come out from this challenge the desired course objectives and outcomes are to be achieved satisfactorily.</p> <p>2. To frame and design an effective Curriculum, Teaching learning methodologies that bridges the gap between Industry and Institution.</p> <p>3. Development of advanced teaching & learning methodologies and evolution, personal interaction by developing smart classrooms and mechanism for effective evaluation.</p>

3. Growth plans of the department:

EEE Department plans the following points to be the focus

- Undertake international Research and Development works in all the disciplines and to emerge as centre of excellence and establish R&D Centres in all departments.
- Encourage sponsored and collaborative research with industries, tailor-made training for working professionals, testing and calibration services etc.
- Establish a technology business incubation centre.

- Y Ensure that all the faculty members possess PhD degrees.
- Y Enter into more MOUs with International and National organizations.
- Y Strengthen the curriculum and incorporate more electives in the curriculum.
- Y Improve industry-institute interaction with the collaboration.

Focus more on training and placements and accelerate faculty development programmes.

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 11/09/2024


Head of Department with seal

Dr. N.P. ANANTH MOORTHY
Professor and Head

Electrical and Electronics Engineering

Widusthan College of Engineering and Technology

Report of Academic Audit Coimbatore - 641 032, Tamil Nadu.

S. No	Observations
1.	I shall / think activities to be updated.
2.	Course coordination file to be updated.
3.	Students Index card to checked and uploaded.
4.	Higher order thinking content to be included
5.	update Challengem students list.

Name and Signature of the team with date:

AKIL

Dr. K. AKIL

Dr. K. AKIL, M.E., Ph.D.
 PROFESSOR AND HEAD
 DEPARTMENT OF CIVIL ENGINEERING
 HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
 OTHAKALMANDAPAM POST
 COIMBATORE 641032

Action Taken Report by Department:

1. I shall / I shine activities updated.
2. Course co-ordinator file updated.
3. Students index card updated.
4. Higher order thinking content is included.
5. Challenge students list updated.

External Auditor: S. Balasubramanian
18/1/2024
Dr. S. BALASUBRAMANIAN
Professor and chairperson - EE
Anasite Vidya Vidya Peetham
Coimbatore - 641112.