NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation– Tier I UG (Engineering) Institute Programs

PART-A: Profile of the Institute

Name of the Program Applied for: B.E MECHATRONICS ENGINEERING

A1: Name of the Institute: - SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

Year of Establishment : 1998 Location of the Institute: Kuniamuthur, Coimbatore – 641008

A2: Institute Address: -

City : Coimbatore State : Tamil Nadu

Pin Code : 641008 Website : www.skcet.ac.in

E-mail : info@skcet.ac.in Phone No (with STD Code):0422 2678001 (7 Lines)

A3: Name and Address of the Affiliating University (If any): -

Name of the University : Anna University, Chennai City : Chennai

State : Tamil Nadu Pin Code: 600025

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance	☐	Deemed University	☐
University	☐	Autonomous	☑
Non-Autonomous (Affiliated)	☐	Any other (Please specify) *	☐

***Provide Details:** _____

A5: Ownership Status: - (Tick the applicable choice)

Central Government	☐	State Government	☐
Government Aided	☐	Self-financing	☑
Any Other (Please specify) *	☐	***Provide Details:*** _____	

A6: Details of all Programs being Offered by the Institution: -

- ❖ No. of UG programs: 11
- ❖ No. of PG programs: 5

Table No. A6.1: List of all programs offered by the Institute during CAY 2024 - 2025

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1.	UG	Computer Science and Engineering	1998		Computer Science and Engineering
2.	UG	Electronics and Communication Engineering	1998		Electronics and Communication Engineering
3.	UG	Information Technology	1998		Information Technology
4.	UG	Mechanical Engineering	1998		Mechanical Engineering
5.	**UG**	**Mechatronics Engineering**	**2000**		**Mechatronics Engineering**
6.	UG	Electrical and Electronics Engineering	2001		Electrical and Electronics Engineering
7.	UG	Civil Engineering	2012		Civil Engineering
8.	UG	Computer Science and Business System	2019		Computer Science and Business System
9.	UG	Artificial Intelligence and Data Science	2020		Artificial Intelligence and Data Science
10.	UG	Computer Science and Engineering (Cyber Security)	2022		Computer Science and Engineering
11.	UG	Computer Science and Design	2022	2025	Computer Science and Engineering
12.	PG	Master of Business Administration	2001		Master of Business Administration

13.	PG	Computer Science and Engineering	2004		Computer Science and Engineering
14.	PG	Applied Electronics	2011		Electronics and Communication Engineering
15.	PG	Engineering Design	2012		Mechanical Engineering
16.	PG INTEGRATED	Computer Science and Engineering	2019		Computer Science and Engineering

A7: Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Cluster ID.	Name of the Department	Name of the Program
1.	Mechatronics Engineering	B.E. Mechatronics Engineering

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID.	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
1.	Mechatronics Engineering	Electronics and Communication Engineering
2.	Mechatronics Engineering	Mechanical Engineering

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

B1: Provide the Required Information for the Program Applied For: -

Table No. B1: Program details.

S.N.	Program Name	Year of start	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	B.E. Mechatronics Engineering	2000	30	60	2007	730/S2-293(E)/ET/97	Granted accreditation for 3 years for the period 2022 - 2025	3
				120	2011	Southern/1-396154291/2011/EOA		
				138	2022	Southern/1-10970061785/2022/EOA		

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

B2: Detail of Head of the Department for the program under consideration:

A. Name of the HoD : Dr. M. Lydia

B. Nature of appointment: (Tick the applicable choice)

- ❖ **Regular** ☑
- ❖ **Contract** ☐
- ❖ **Ad hoc** ☐

C. Qualification: (Tick the applicable choice)

- ❖ **Ph.D.** ☑
- ❖ **ME/M.Tech** ☐
- ❖ **Any other*** ☐

Please provide details: _____

B3: Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2024 - 25	CAYm1 2023 - 24	CAYm2 2022 -23	CAYm3 2021 - 22	CAYm4 (LYG) 2020 - 21	CAYm5 (LYGm1) 2019 - 18	CAYm6 (LYGm2) 2018 - 19
N= Sanctioned intake of the program (as per AICTE/Competent authority)	138	138	138	120	120	120	120
N1= Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	137	138	133	110	90	108	118
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	-	12	18	20	16	15	12
N3= Separate division if any	-	-	-	-	-	-	-
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	-	2	-	-	-	-	-
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	**137**	**152**	**151**	**130**	**106**	**123**	**130**

CAY= Current Academic Year.
CAYm1= Current Academic Year Minus 1
CAYm2= Current Academic Year Minus 2.
LYG= Last Year Graduate.
LYGm1= Last Year Graduate Minus 1.
LYGm2= Last Year Graduate Minus 2.

B4: Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	**CAY (2024 – 25)**	**CAYm1 (2023 – 24)**	**CAYm2 (2022 -23)**
N= Sanctioned intake of the program in the 1st year (as per AICTE/Competent authority)	138	138	138
N1= Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	137	138	133
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	-	2	-
Enrolment Ratio (ER)= (N1+N4)/N	99.27	101.44	96.37
Average ER= (ER_1+ ER_2+ ER_3)/3	**99.02**		

B5: Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	**LYG (2024)**	**LYGm1 (2023)**	**LYGm2 (2022)**
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	136	135	131
B=No. of students who graduated from the program in the stipulated course duration	96	117	127
Success Rate (SR)= (B/A)*100	70.5	86.66	96.94
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	**84.7**		

Note ***:** If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

B6: Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1 (2023 – 24)	CAYm2 (2022 -23)	CAYm3 (2021 -22)
X= (Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.56	7.68	7.53
Y= Total no. of successful students	140	132	110
Z = Total no. of students appeared in the examination	140	132	110
API = X* (Y/Z)	7.56	7.68	7.53
Average API = (API_1 + API_2 + API_3)/3	**7.59**		

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2023 – 24)	CAYm2 (2022 -23)	CAYm3 (2021 -22)
X= (Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	7.67	7.41	8.53
Y= Total no. of successful students	150	128	106
Z =Total no. of students appeared in the examination	150	128	106
API = X* (Y/Z)	7.67	7.41	8.53
Average API = (API_1 + API_2 + API_3)/3	**7.87**		

B8: Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2023 – 24)	CAYm2 (2022 -23)	CAYm3 (2021 -22)
X= (Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.5	8.06	8.51
Y= Total no. of successful students	128	106	123
Z= Total no. of students appeared in the examination	128	106	123
API = X* (Y/Z)	7.5	8.06	8.51
Average API = (API_1 + API_2 + API_3)/3	**8.02**		

B9: Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2024)	LYGm1 (2023)	LYGm2 (2022)
FS*=Total no. of final year students	136	135	131
X= No. of students placed	91	101	98
Y= No. of students admitted to higher studies	8	14	22
Z= No. of students taking up entrepreneurship	2	2	4
X + Y + Z =	101	117	124
Placement Index (P) = (((X + Y + Z)/FS) * 100)	**74.26**	**86.66**	**94.65**
Average placement index = (P_1 + P_2 + P_3)/3	**85.19**		

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the **Department and Allied Departments**)

C1: Faculty details of Department and Allied Departments

Table No.C1: **Faculty details in the Department for the past 3 years including CAY**

S.N.	Name of the Faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1.	Dr. M. Lydia	ME/M. Tech and PhD	Karunya University	Power Electronics and Drives	01/06/2020	4.7	Professor	Professor	01/06/2020	Regular		Yes	
2.	Dr.T.A.Selvan	ME/M. Tech and PhD	Anna University	Engineering Design	06/06/2011	13.7	Associate Professor	Professor	13/05/2013	Regular		Yes	
3.	Dr.D.Pritima	ME/M. Tech and PhD	Anna University	CAD/CAM	09/07/2020	4.6	Professor	Professor	09/07/2020	Regular		Yes	
4.	Dr.V.Narasimharaj	ME/M. Tech and PhD	Anna University	Engineering Design	20/01/2021	4	Associate Professor	Associate Professor	20/01/2021	Regular		Yes	
5.	Dr.R.Gopinathan	ME/M. Tech and PhD	Anna University	Manufacturing Engineering	27/05/2020	4.8	Associate Professor	Associate Professor	27/05/2020	Regular		Yes	
6.	Dr.G.Veerappan	ME/M. Tech and PhD	Anna University	Computer Aided Design	11/08/2021	3.5	Associate Professor	Associate Professor	11/08/2021	Regular		Yes	
7.	Dr.K. Ananthi	ME/M. Tech and PhD	Anna University	Embedded System Technologies	23/01/2015	10	Assistant Professor	Associate Professor	01/06/2018	Regular		Yes	
8.	Dr.S.Balasubramani	ME/M. Tech and PhD	Anna University	CAD/CAM	16/09/2021	3.4	Associate Professor	Associate Professor	16/09/2021	Regular		Yes	

9.	Dr.J.Indira priyadharshini	ME/M. Tech and PhD	Anna University	Applied Electronics	06/06/2018	6.7	Associate Professor	Associate Professor	06/06/2018	Regular		Yes	
10.	Dr. R. Manikandan	ME/M. Tech and PhD	Anna University	CAD/CAM	17/06/2021	3.7	Associate Professor	Associate Professor	17/06/2021	Regular		Yes	
11.	Dr.L.Feroz Ali	ME/M. Tech and PhD	Anna University	Industrial Engineering	01/06/2018	6.8	Associate Professor	Associate Professor	01/06/2018	Regular		Yes	
12.	Dr. J. Justin Maria Hillary	ME/M. Tech and PhD	Anna University	Engineering Design	03/01/2022	3.1	Associate Professor	Associate Professor	03/01/2022	Regular		Yes	
13.	Dr. N. Mithran	ME/M. Tech and PhD	Sastra Deemed to be University	Robotics	20/01/2015	10	Assistant Professor	Associate Professor	10/06/2021	Regular		Yes	
14.	Dr M Bhuvaneswari	ME/M. Tech and PhD	Anna University	Communication Systems	13/09/2013	11.4	Assistant Professor	Assistant Professor		Regular		Yes	
15.	Dr.S.Dinesh	ME/M. Tech and PhD	Anna University	Mechatronics Engineering	01/08/2023	1.6	Assistant Professor	Assistant Professor		Regular		Yes	
16.	Dr. S. Madhankumar	ME/M. Tech and PhD	Anna University	Engineering Design	02/06/2017	7.8	Assistant Professor	Assistant Professor		Regular		Yes	
17.	Ms. S. Kannaki	M.E/M.Tech	Anna University	Power Electronics and Drives	05/06/2014	10.8	Assistant Professor	Associate Professor	01/08/2018	Regular		Yes	
18.	Ms.S.Nithya Priya	M.E/M.Tech	Anna University	Power Electronics and Drives	01/06/2012	12.8	Assistant Professor	Assistant Professor		Regular		Yes	
19.	Mr. P. Sathish Kumar	M.E/M.Tech	Anna University	CAD/CAM	02/06/2014	10.8	Assistant Professor	Assistant Professor		Regular		Yes	
20.	Mr. M. Aravind	M.E/M.Tech	Anna University	Manufacturing Engineering	23/06/2014	10.7	Assistant Professor	Assistant Professor		Regular		Yes	
21.	Ms.R.Priyadharshini	M.E/M.Tech	SASTRA Deemed to be University	Process Control and Instrumentation	22/06/2015	9.7	Assistant Professor	Assistant Professor		Regular		Yes	
22.	Mr.S.Panneerselvam	M.E/M.Tech	Anna University	Engineering Design	01/06/2015	9.8	Assistant Professor	Assistant Professor		Regular		Yes	
23.	Mr T Vignesh	M.E/M.Tech	Anna University	Mechatronics Engineering	01/06/2017	7.8	Assistant Professor	Assistant Professor		Regular		Yes	
24.	Mr.M.Vigneshwaran	M.E/M.Tech	Anna University	CAD/CAM	17/06/2016	8.7	Assistant Professor	Assistant Professor		Regular		Yes	
25.	Ms. R. Sindhia	M.E/M.Tech	Anna	Manufacturing	09/06/2022	0.11	Assistant	Assistant		Regular			

			University	Engineering			Professor	Professor				No	31/05/2023
26.	Ms. S. Sneha	M.E/M.Tech	Anna University	Mechatronics Engineering	16/06/2016	6.11	Assistant Professor	Assistant Professor		Regular		No	31/05/2023
27.	Mr. S. Logesh	M.E/M.Tech	Anna University	Product Design and Development	09/06/2022	2.8	Assistant Professor	Assistant Professor		Regular		Yes	

Table No.C2: **Faculty details of Allied Departments for the past 3 years including CAY.**

Faculty Details – Electronics and Communication Engineering

S.N.	Name of the Faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1.	Dr. S. Sophia	ME/M. Tech and PhD	Anna University	Communication Systems	23/09/2009	15.8	Associate Professor	Professor	01/10/2010	Regular		Yes	
2.	Dr. S. Sasi Priya	ME/M. Tech and PhD	Anna University	Information and Communication	05/10/2016	8.7	Professor	Professor	05/10/2016	Regular		Yes	
3.	Dr. D. Sharmila	ME/M. Tech and PhD	Anna University	Wireless Security	03/02/2025	0.25	Professor	Professor	03/02/2025	Regular		Yes	
4.	Dr. M.Karpagam	ME/M. Tech and PhD	Anna University	Applied Electronics	01/06/2000	25	Lecturer	Professor	02/05/2015	Regular		Yes	
5.	Dr. D. MohanaGeetha	ME/M. Tech and PhD	Anna University	Communication Systems	02/06/2020	5	Professor	Professor	02/06/2020	Regular		Yes	

6.	Dr. C.Thirumaraiselvi	ME/M. Tech and PhD	Anna University	Applied Electronics	13/06/2007	18	Lecturer	Professor	01/10/2018	Regular		Yes	
7.	Dr. V. Nandalal	ME/M. Tech and PhD	Anna University	Communicatio n Systems	02/06/2008	17	Lecturer	Professor	01/07/2015	Regular		Yes	
8.	Dr. V.R. Balaji	ME/M. Tech and PhD	Anna University	VLSI Design	27/12/2007	17.5	Lecturer	Professor	09/10/2015	Regular		Yes	
9.	Dr. J. Rejina Parvin	ME/M. Tech and PhD	Anna University	Network Engineering	01/07/2021	3.1	Associate Professor	Associate Professor	01/07/2021	Regular		Yes	
10.	Dr. R. Senthil Ganesh	ME/M. Tech and PhD	Anna University	VLSI Design	02/06/2020	5	Associate Professor	Associate Professor	02/06/2020	Regular		Yes	
11.	Dr. T. Joby Titus	ME/M. Tech and PhD	Anna University	Applied Electronics	18/05/2023	2	Associate Professor	Associate Professor	18/05/2023	Regular		Yes	
12.	Dr. G.Ranjitham	ME/M. Tech and PhD	Anna University	Applied Electronics	04/05/2023	2	Associate Professor	Associate Professor	04/05/2023	Regular		Yes	
13.	Dr. S.Gowthami	ME/M. Tech and PhD	Anna University	Applied Electronics	08/08/2024	0.9	Associate professor	Associate professor	08/08/2024	Regular		Yes	
14.	Dr. M.Ramkumar	ME/M. Tech and PhD	Anna University	Communication Systems	01/06/2013	12	Assistant Professor	Associate Professor	03/05/2021	Regular		Yes	
15.	Dr. V. Karthik	ME/M. Tech and PhD	Anna University	Communication Systems	01/06/2012	13	Assistant Professor	Associate Professor	01/11/2021	Regular		Yes	
16.	Dr. S.P. Premnath	ME/M. Tech and PhD	Anna University	Communication Systems	01/02/2018	7.3	Assistant Professor	Assistant Professor		Regular		Yes	
17.	Dr. S .P.Cowsigan	ME/M. Tech and PhD	Pondicherry University	Electronics and Communicatio n Engineering	03/05/2023	2	Assistant Professor	Assistant Professor		Regular		Yes	
18.	Dr. S. M. Asha Banu	ME/M. Tech and PhD	Anna University	Communication Systems	25/05/2016	9	Assistant Professor	Assistant Professor		Regular		Yes	
19.	Dr. J.R. Dinesh Kumar	ME/M. Tech and PhD	Anna University	Applied Electronics	15/05/2017	8	Assistant Professor	Assistant Professor		Regular		Yes	
20.	Dr. D. A.Janeera	ME/M. Tech and PhD	Anna University	VLSI design	23/06/2016	9	Assistant Professor	Assistant Professor		Regular		Yes	
21.	Dr.J.S.Sujin	ME/M. Tech and PhD	Anna University	Communication Systems	18/04/2024	1	Assistant Professor	Assistant Professor		Regular		Yes	
22.	Ms. N.Kalaivani	M.E/M.Tech	Anna University	Communication Systems	09/06/2004	21	Lecturer	Associate professor	01/03/2013	Regular		Yes	
23.	Ms. D. Devi	M.E/M.Tech	Anna University	Applied Electronics	01/11/2006	18.6	Lecturer	Associate professor	02/05/2017	Regular		Yes	
24.	Ms. U. Vanitha	M.E/M.Tech	Anna	Laser & Electro	04/06/2018		Associate	Associate					

			University	optical		7	Professor	Professor	04/06/2018	Regular		Yes	
25.	Mr. R.Sarathkumar	M.E/M.Tech	Anna University	Applied Electronics	25/06/2012	13	Assistant Professor	Assistant Professor		Regular		Yes	
26.	Ms. D.V.Soundari	M.E/M.Tech	Anna University	VLSI Design	18/01/2013	12.4	Assistant Professor	Assistant Professor		Regular		Yes	
27.	Mr. N. Girinath	M.E/M.Tech	Anna University	Applied Electronics	01/06/2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
28.	Mr. C.Visvesvaran	M.E/M.Tech	Anna University	Communication Systems	01/06/2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
29.	Ms. G. Saranya	M.E/M.Tech	Anna University	Communication Systems	03/06/2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
30.	Ms. B. Anish Fathima	M.E/M.Tech	Anna University	VLSI Design	08/06/2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
31.	Ms. H. Muneera Begum	M.E/M.Tech	Anna University	Communication Systems	01/07/2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
32.	Mr. S.P. Karthi	M.E/M.Tech	Anna University	Applied Electronics	06/05/2016	9	Assistant Professor	Assistant Professor		Regular		Yes	
33.	Ms. N. Nanthini	M.E/M.Tech	Anna University	Applied Electronics	22/06/2016	10	Assistant Professor	Assistant Professor		Regular		Yes	
34.	Dr .K.Priyadharshini	M.E/M.Tech and PhD	Anna University	VLSI design	15/05/2017	8.2	Assistant Professor	Assistant Professor		Regular		Yes	
35.	Ms. A. Anie Selva Jothi	M.E/M.Tech	Anna University	Embedded Systems	10/05/2017	8	Assistant Professor	Assistant Professor		Regular		Yes	
36.	Ms. S.Praseetha	M.E/M.Tech	Anna University	Communication systems	15/05/2017	8.2	Assistant Professor	Assistant Professor		Regular		Yes	
37.	Ms. D. Ruth Anitha Shirley	M.E/M.Tech	Anna University	VLSI Design	15/05/2017	8.2	Assistant Professor	Assistant Professor		Regular		Yes	
38.	Mr. S.Guganesh	M.E/M.Tech	Anna University	Applied Electronics	02/06/2020	5	Assistant Professor	Assistant Professor		Regular		Yes	
39.	Ms. S. Preethi	M.E/M.Tech	Anna University	Applied Electronics	02/06/2020	5	Assistant Professor	Assistant Professor		Regular		Yes	
40.	Ms. R.Niranjana	M.E/M.Tech	Anna University	Embedded System Technologies	01/06/2021	4	Assistant Professor	Assistant Professor		Regular		Yes	
41.	Ms. N.Vigneshwari	M.E/M.Tech	Anna University	Applied Electronics	16/07/2024	0.9	Assistant Professor	Assistant Professor		Regular		Yes	
42.	Ms.M.Benedict Tephila	M.E/M.Tech	Anna University	Communication Systems	03/06/2019	3	Assistant Professor	Assistant Professor		Regular		Yes	
43.	Ms.P.Anitha	M.E/M.Tech	Anna University	VLSI Design	05/06/2017	7	Assistant Professor	Assistant Professor		Regular		Yes	
44.	Dr.S.Jayanthi Sree	M.E/M.Tech and PhD	Anna University	VLSI Design	01/07/2019	2.9	Assistant Professor	Associate Professor	01/10/2020	Regular		No	15.06.2024
45.	Dr.B.Maruthi	M.E/M.Tech and PhD	Anna University	VLSI Design	03/06/2019	3	Associate Professor	Associate Professor	03/06/2019	Regular		No	18.07.2024

	Shankar												
46.	Dr.A.Albert Raj	M.E/M.Tech and PhD	Anna University	Microwave and Optical Engineering	08/05/2019	4	Professor	Professor	08/05/2019	Regular		No	02.06.2023
47.	Dr.S.Karthika	M.E/M.Tech and PhD	Anna University	Communication Systems	01/06/2018	5	Assistant Professor	Associate Professor	11/02/2019	Regular		Yes	30.05.2023
48.	Dr.D.Sangeeth a	M.E/M.Tech and PhD	Anna University	Communication Systems	02/06/2020	3	Associate Professor	Associate Professor	02/06/2020	Regular		Yes	02.06.2023
49.	Dr.K.R.Siva Bharathi	M.E/M.Tech and PhD	Anna University	Applied Electronics	19/12/2012	11.5	Assistant Professor	Assistant Professor		Regular		Yes	02.06.2024
50.	Roshini I	M.E/M.Tech	Anna University	Communication Systems	08/05/2017	7	Assistant Professor	Assistant Professor		Regular		Yes	02.06.2024
51.	Jeya Padmini J	M.E/M.Tech	Anna University	VLSI Design	15/06/2017	7	Assistant Professor	Assistant Professor		Regular		Yes	02.06.2024
52.	Ms.K.Suriya	M.E/M.Tech	Anna University	Communication Systems	01/06/2007	16	Lecturer	Associate Professor	02/05/2013	Regular		Yes	02.06.2023

Faculty Details - Mechanical Engineering

S.N.	Name of the Faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1.	Dr.P.Ashoka Varthanan	M.E/M.Tech and PhD	Anna University	Industrial Engineering	12/07/2004	20.83	Lecturer	Professor	01/03/2013	Regular		Yes	
2.	Dr.K.Balasubramanian	M.E/M.Tech and PhD	Anna University	Industrial Metallurgy	03/07/2000	24.83	Lecturer	Professor	25/06/2012	Regular		Yes	
3.	Mr.N.V.Krishnamoorthy	M.E/M.Tech and PhD	Bharathiar University	Production Engineering	01/06/1999	25.91	Lecturer	Professor	02/05/2013	Regular		Yes	

4.	Dr.N.Balaji	M.E/M.Tech and PhD	Anna University	Industrial Engineering	02/06/2008	16.91	Lecturer	Professor	01/07/2015	Regular		Yes	
5.	Dr.R.Ramamoo rthi	M.E/M.Tech and PhD	Anna University	CAD	02/07/2007	17.83	Lecturer	Professor	01/08/2016	Regular		Yes	
6.	Dr.R.Soundara rajan	M.E/M.Tech and PhD	Anna University	Manufacturing Technology	13/06/2008	16.91	Lecturer	Professor	03/12/2018	Regular		Yes	
7.	Dr. R. Jeyakumar	M.E/M.Tech and PhD	Anna University	Production Engineering	02/06/2008	16.91	Lecturer	Professor	03/12/2018	Regular		Yes	
8.	Dr C Rajendran	M.E/M.Tech and PhD	Annamalai University	Manufacturing Engineering	29/05/2017	8	Associate Professor	Associate Professor	29/05/2017	Regular		Yes	
9.	Dr.C.Samson Jerold Samuel	M.E/M.Tech and PhD	Anna University	Manufacturing Engineering	27/05/2011	14	Assistant Professor	Associate Professor	02/09/2013	Regular		Yes	
10.	Dr.S.Raja	M.E/M.Tech and PhD	Anna University	Engineering Design	01/06/2011	13.91	Assistant Professor	Associate Professor	02/09/2013	Regular		Yes	
11.	Dr.A.Rajesh	M.E/M.Tech and PhD	Anna University	Industrial Engineering	21/09/2012	12.66	Assistant Professor	Associate Professor	02/05/2013	Regular		Yes	
12.	Dr.R.Arun Bharathi	M.E/M.Tech and PhD	Anna University	CIM	05/09/2011	13.66	Assistant Professor	Associate Professor	03/12/2018	Regular		Yes	
13.	Dr V P.Srinivasan	M.E/M.Tech and PhD	Anna University	Product Design And Commerce	02/05/2017	8	Assistant Professor	Associate Professor	04/06/2020	Regular		Yes	
14.	Dr.M.Vigneshk umar	M.E/M.Tech and PhD	Anna University	Manufacturing Engineering	09/07/2012	12.83	Assistant Professor	Associate Professor	03/12/2018	Regular		Yes	
15.	Dr.K.P.Yuvaraj	M.E/M.Tech and PhD	Anna University	CAD/CAM	20/05/2013	12	Assistant Professor	Associate Professor	03/12/2018	Regular		Yes	
16.	Dr S Karthik	M.E/M.Tech and PhD	Anna University	CAD/CAM	20/06/2017	7.91	Assistant Professor	Associate Professor	04/06/2020	Regular		Yes	
17.	Dr Ben Ruben R	M.E/M.Tech and PhD	NIT TRICHY	Lean Manufacturing	11/06/2018	6.91	Assistant Professor	Associate Professor	02/05/2022	Regular		Yes	
18.	Dr Sathishkumar. A	M.E/M.Tech and PhD	Anna University	CAD/CAM	08/06/2018	6.91	Assistant Professor	Assistant Professor		Regular		Yes	
19.	Dr S Balamurugan	M.E/M.Tech and PhD	Anna University	Heat Power Engineering	05/05/2017	8	Assistant Professor	Assistant Professor		Regular		No	30/05/2025
20.	Mr.N.Babu	M.E/M.Tech	Anna University	CAD/CAM	03/06/2013	11.91	Assistant Professor	Assistant Professor		Regular		Yes	
21.	Mr.R.Arun Kumar	M.E/M.Tech	Anna University	Engineering Design	03/06/2013	11.91	Assistant Professor	Assistant Professor		Regular		Yes	

22.	Mr.S.Balu Mahandiran	M.E/M.Tech	Anna University	Manufacturi ng Engineering	01/07/2013	11.83	Assistant Professor	Assistant Professor		Regular		Yes	
23.	Mr.J.Baskaran	M.E/M.Tech	Anna University	Manufacturi ng Engineering	02/06/2014	10.91	Assistant Professor	Assistant Professor		Regular		Yes	
24.	Mr.R.Siva Subramanian	M.E/M.Tech	Anna University	Thermal Engineering	04/06/2015	9.91	Assistant Professor	Assistant Professor		Regular		Yes	
25.	Mr. N.Ramachandran	M.E/M.Tech	Anna University	Engineering Design	22/06/2016	8.91	Assistant Professor	Assistant Professor		Regular		Yes	
26.	Mr J Dhiyaneswaran	M.E/M.Tech	Anna University	Engineering Design	05/06/2017	7.91	Assistant Professor	Assistant Professor		Regular		Yes	
27.	Mr K.N.Gunasekaran	M.E/M.Tech	Anna University	Manufacturing Engineering	04/06/2018	6.91	Assistant Professor	Assistant Professor		Regular		Yes	
28.	Dr.R.B.Manoram	M.E/M.Tech	Anna University	Engineering Design	22/06/2015	8.91	Assistant Professor	Assistant Professor		Regular		No	30/08/2024
29.	Mr N Rakesh	M.E/M.Tech	Visvesvaraya Technological university	CIM	28/07/2011	11.83	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
30.	Mr.R.Karthik	M.E/M.Tech	Anna University	CIM	05/12/2012	10.5	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
31.	Mr.P.Raghuvaran	M.E/M.Tech	Anna University	Engineering Design	02/06/2014	9.91	Assistant Professor	Assistant Professor		Regular		No	30/08/2024
32.	Mr. Kamalakkannan.S	M.E/M.Tech	Anna University	Engineering Design	23/06/2014	8.91	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
33.	Mr. Natarajan C	M.E/M.Tech	Anna University	CAD	01/03/2016	7.16	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
34.	Mr C Karthick	M.E/M.Tech	Anna University	Industrial Metallurgy	09/05/2016	7	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
35.	Mr Victor Kolandaisamy J	M.E/M.Tech	Bharathiar University	Production Engineering	01/12/2016	6.5	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
36.	Mr M Vinosh	M.E/M.Tech	Anna University	Engineering Design	12/06/2017	6.91	Assistant Professor	Assistant Professor		Regular		No	30/08/2024
37.	Mr S Vignesh	M.E/M.Tech	Anna University	Heat Power Engineering	01/06/2018	4.91	Assistant Professor	Assistant Professor		Regular		No	30/06/2023
38.	Mr. Arun Kurien Reji	M.E/M.Tech	Karunya University	Thermal Engineering	14/06/2016	7.5	Assistant Professor	Assistant Professor		Regular		No	02/01/2024
39.	Mr. S. Ranjith Kumar	M.E/M.Tech	Karunya University	Engineering Design	30/06/2016	7.5	Assistant Professor	Assistant Professor		Regular		No	02/01/2024

C2: Student-Faculty Ratio (SFR)

- No. of UG(Engineering) programs in Department including allied departments/ clusters (UG_n):
  - UG_1=1st UG program
  - UG_n=n_{th} UG program
  - **B=** No. of Students in UG 2nd year (**ST**)
  - **C=** No. of Students in UG 3rd year (**ST**)
  - **D=** No. of Students in UG 4th year (**ST**)
- No. of PG (Engineering) programs in Department including allied departments/ clusters (PG_m):
  - PG_1=1st PG program.
  - PG_m=m^{th} PG program
    - **A=** No. of Students in PG 1st year
    - **B=** No. of Students in PG 2nd year
- Student Faculty Ratio (**SFR**) = S/F
  - **S**= No. of students of all programs in the Department including all students of allied departments/clusters.
    - **No. of students (ST)=**Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
    - Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are **exempted**.
  - **F**=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

Table No.C2.1: Student-faculty ratio.

Year	CAY (2024 – 25)	CAYm1 (2023 – 24)	CAYm2 (2022 – 23)
UG1. B	151	151	132
UG1. C	151	132	132
UG1. D	132	132	132
UG1 Total no.of students	434	415	396
DS=Total no. of students in all UG and PG programs in the Department	434	415	396
AS=Total no. of students of all UG and PG programs in allied departments	1129	1179	1226
S=Total no. of students in the Department (DS) and allied departments (AS)	1563	1594	1622
DF=Total no. of faculty members in the Department	25	25	26
AF= Total no. of faculty members in the allied Departments	70	74	80

F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	95	99	106
FF=The faculty members in F who have a 100% teaching load in the first-year courses	8	7	7
Student Faculty Ratio (SFR)=S/(F-FF)	**17.96**	**17.32**	**16.38**
Average SFR for 3 years	**17.22**		

C3: Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
  - X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
  - Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
  - RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQI= 2.5 * [(10X +4Y)/RF]
CAY (2024 – 25)	16	9	434/20 =22	22.3
CAYm1 (2023 - 24)	15	10	415/20=21	22.6
CAYm2 (2022 - 23)	14	12	396/20=20	22.8

C4: Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
  - RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
  - RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student- Faculty ratio based on no. of students (S) as per section C2 of this documents:.
  - RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student- Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY (2024 – 25)	2	3	5	11	15	11
CAYm1 (2023 - 24)	2	3	5	11	14	11
CAYm2 (2022 - 23)	2	3	5	11	13	12
Average Numbers	RF1=2	AF1=3	RF2=5	AF2=11	RF3=14	AF3=11.3

C5: Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1 (2023-2024)				
1	Dr. S. Balasubramanian	Incharge R&D, Vendor Development, M/s Jayaletshmi Machine Works, Coimbatore	Total Quality Management	25
2	Mr.R.Bharat Balaji	Founder & Proprietor DJ Power Solutions, Coimbatore	Industrial Management and Professional Ethics	25
			Total no. of hours:	50
CAYm2 (2022-2023)				
1	Dr. S. Balasubramanian	Incharge R&D, Vendor Development, M/s Jayaletshmi Machine Works, Coimbatore	Total Quality Management	25
2	Mr.R.Bharat Balaji	Founder & Proprietor DJ Power Solutions, Coimbatore	Industrial Management and Professional Ethics	25

			Total no. of hours:	25
CAYm3 (2021-2022)				
1	Mrs. Nandhini.N.A	Team Manager, Infosys, Chennai	Total Quality Management	25
2	Mrs. Nandhini.N.A	Team Manager, Infosys, Chennai	Industrial Management and Professional Ethics	25
			Total no. of hours:	50

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1 (2023-2024)	CAYm2 (2022-2023)	CAYm3 (2021-2022)
1	No. of peer reviewed journal papers published	16	19	12
2	No. of peer reviewed conference papers published	38	26	28
3	No. of books/book chapters published	5	4	11

C7: Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

S.N.	PI name	Co-PI names if any	Name of the Dept., Where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-2024)							
1	Mr.T.Vignesh	Dr.R.Gopinathan	Mechatronics Engineering	Development of Autonomous Drones	SkyRiders Aero Solutions	2 Years	76000
						Amount received (Rs.)	76000
CAYm2 (2022-2023)							
1	Mr.T.Vignesh	Dr.R.Gopinathan	Mechatronics Engineering	Development of Autonomous Drones	SkyRiders Aero Solutions	2 Years	63000
						Amount received (Rs.)	63000

CAYm3 (2021-2022)							
1	Dr.Selvakumar	Mr.T.Vignesh (Mechatronics Engineering)	Electronics & Communication Engineering	Detection of Food adulteration using IR Detector	DST SEED	2 Years	900000
2	Mr.T.Vignesh		Mechatronics Engineering	Low cost Humanoid bot with Covid-19 SOP	TNSCST Student Project Scheme	1 Year	7500
3	Dr.R.Soundarajan	Dr.L.Feroz Ali (Mechatronics Engineering)	Mechanical	Development of Foot Operated Vehicle for Disabled people".	DST TIDE	3 Years	4425500
4	Dr.R.Soundarajan	Dr.L.Feroz Ali	Mechanical	Development of Foot Operated Vehicle for Disabled people".	DST TIDE	3 Years	657750
Amount received (Rs.)							**5990750**
Total Amount (Lacs) Received for the Past 3 Years							**6129750**

C8: Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-24)							
1	Dr. J. Indirapriyadharshini	Dr.K.Ananthi	Mechatronics Engg.	IoT based smart helmet for industrial workers	Eswara Agro And Engg Agencies	2 Years	165000
2	Dr.S.Madhankumar	Dr.T.A.Selvan Dr.M.Bhuvaneswari	Mechatronics Engg.	Automated Weeder Machine	Linga Technologies	2 Years	375000
3	Dr.S.Dinesh	Dr.R.Manikandan	Mechatronics Engg.	Design and Fabrication of Solar Food Dryer	FlickerHive	2 Years	220000
4	Dr.G.Veerappan	Dr.S.Balasubramani	Mechatronics Engg.	Design and Fabrication of Corn Removing Machine	Linga Technologies	1 Year	263000
Amount received (Rs.)							**1023000**

CAYm2(2022-2023)							
1	Dr. J. Indirapriyadharshini	Dr.K.Ananthi	Mechatronics Engg.	IoT based smart helmet for industrial workers	Eswara Agro and Engg Agencies	2 Years	225000
2	Dr.S.Madhankumar	Dr.T.A.Selvan Dr.M.Bhuvaneswari	Mechatronics Engg.	Automated Weeder Machine	Linga Technologies	2 Years	375000
3	Dr.S.Dinesh	Dr.R.Manikandan	Mechatronics Engg.	Design and Fabrication of Solar Food Dryer	FlickerHive	2 Years	250000
						Amount received (Rs.)	**850000**
CAYm3 (2021-2022)							
1	Dr.N.Mithran	Dr.R.Gopinathan	Mechatronics Engg.	Design and Fabrication of unmanned underwater robot for inspection	Eswara Agro And Engg Agencies	1 Year	275000
2	Dr.R.Gopinathan		Mechatronics Engg.	Development of Ender 3D printer	Hamit Solutions Pvt. Ltd.	1 Year	150000
						Amount received (Rs.)	**425000**
					Total amount (Lacs) received for the past 3 years		**2298000**

C9: Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

S.N.	**Faculty name**	**Project title/ Support for Activity**	**Duration**	**Amount (Lacs)**	**Amount Utilized (Lacs)**	**Outcomes of the project**
CAYm1 (2023-24)						
1	Mr.T.Vignesh	Empowering Education and Research through the implementation of SCARA Robot System	1 Year	180000	180000	Product developed and used for laboratory experiments
				Amount received (Rs.)	**180000**	
CAYm2 (2022-2023)						
1	Mr.T.Vignesh Dr.M.Lydia	Robotic Library Management System	1 Year	60000	60000	Developed the product

	Mr.S.Panneerselvam					
2	Dr.M.Lydia	Identify slow learners for Remedial Teaching and Capacity Building for Innovating method	1 Year	115000	115000	Product developed and is under validation stage
3	Mr.T.Vignesh	Design and Fabrication of Versa Rover: Innovating a Multi Faceted Mobile Robot	1 Year	100000	100000	Product developed and effectively used in industry
				Amount received (Rs.)	**275000**	
CAYm3 (2021- 2022)						
1	Dr.R.Gopinathan	Fabrication of Blending Machine	1 Year	80000	80000	Product developed and effectively used in industry
2	Mrs.S.Kannaki	Automated Curing Press and Trimming Machine	1 Year	90000	90000	Product developed and effectively used in industry
				Amount received (Rs.)	**170000**	
Total amount (Lacs) received for the past 3 years					**625000**	

PART-D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1: Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

S.N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Robotics Laboratory	30 per Batch	ABB IRB 1600 robot with compact controller & Teach pendant, ELGI Screw Compressor	18 Hours	Mr. S. Selvam	Lab Instructor	M. E.

2	Hydraulics and Pneumatics Laboratory	30 per Batch	Electro Pneumatic kit, Single & double acting cylinders, 3/2 and 5/2 Direction control valves, Festo Fluidsim Software	18 Hours	Mr.A.Nagarajan	Lab Instructor	ITI
3	Automation and Simulation Laboratory	30 per Batch	ABB PLC (PM 564 TP – ETH AI562 with HMI) for temperature monitoring, Level measurement, Conveyor control, Stepper motor control, Control Builder plus Software	18 Hours	Mr. L.Jeyaraman	Lab Technician	ITI
4	Sensors and Instrumentation Laboratory	30 per Batch	Stroboscope, Bourdon tube trainer, Encoder, LVDT, Strain Gauge, Load cell	18 Hours	Mrs.P.Sathya	Lab Technician	B.Sc
5	Advanced Automation Laboratory	30 per Batch	ET-L-B25-M1-V4G "GEE DEE WEILER ECO-TURN CNC Lathe	18 Hours	Mr.P.Arunkumar	Lab Technician	M.Sc (CS)

D2: Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

S.N.	Name of the Laboratory	Safety measures

1.	Robotics Laboratory	BEFORE ROBOT OPERATION:
		• Check for signs of damage to the robots, observe if there are any fluid spills, broken wires, loose cables, etc.
		• Dress properly and use appropriate safety equipment:
		  ○ Wear safety glasses (if required)
		  ○ Remove loose-fitting clothing (ties, scarves, extra-long or loose sleeves, etc.)
		  ○ Tie up long hair, etc.
		• If uncertain of the safety of the operation to be undertaken, notify the Lab faculty or staff and obtain guidance before proceeding.

		• Use extra caution when performing motion experiments for the first time or if recovering from a collision. • When running any new code, observe the robot carefully with a hand on the E-Stop (Emergency-Stop) button DURING ROBOT OPERATION: • Everyone in the vicinity of the robot must be mentally alert and paying attention (no headphones, etc.) • E-Stop pushbuttons must always be within reach of any person working with the robot • Before starting any robot movement, communicate with others loud and deliberately on the operation about to be executed, such as "Starting robot motion" • All personnel must be outside of the robot workspace while the robot is performing any autonomous function. • Disable the robot after experimentation is complete.
2	Hydraulics And Pneumatics Laboratory	• Students should wear durable clothing that covers the arms, legs, torso and feet. • In case of injury (cut, burn, fire etc.) or fire or imminently dangerous situation, notify everyone who may be affected immediately; be sure the lab instructor is also notified. • In case of a serious cut, stop blood flow using direct pressure using a clean towel, notify the lab instructor immediately. • Eating, drinking and smoking are prohibited in the laboratory at all times. • Never work in the laboratory without proper supervision by an instructor. • Never carry out unauthorized experiments. Come to the laboratory prepared. If you are unsure about what to do, please ask the instructor.
3	Automation And Simulation Laboratory	• In case of injury (cut, burn, fire etc.) or fire or dangerous situation, notify everyone who may be affected immediately; be sure the lab instructor is also notified. • In case of a serious cut, stop blood flow using direct pressure using a clean towel, notify the lab instructor immediately. • Eating, drinking and smoking are prohibited in the laboratory at all times. • Never work in the laboratory without proper supervision by an instructor. • Never carry out unauthorized experiments. Come to the laboratory prepared. If you are unsure about what to do, please ask the instructor.
4	Sensors And Instrumentation Laboratory	• Students must wear shoes while entering the laboratory • Girl students should put their plait inside their coat • Boys should tuck-in their shirts • Switch on the circuits and kits after verifying from Instructor • In case of fire or dangerous situation, notify everyone including the lab instructor
5	Advanced Automation Laboratory	• To prevent damage to equipment and reduce the risk of electrical hazards, eating or drinking near computers is strictly prohibited.

		• Use computers, cables, and peripherals with care; avoid forceful plugging or unplugging. • Keep the area free from clutter to prevent tripping hazards and ensure proper airflow around equipment. • Use chairs and desks appropriately to avoid strain or injury during prolonged computer use. • Use strong passwords, log out after sessions, and avoid downloading unauthorized software to ensure digital safety.

D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1.	Center for Innovation Lab (CFI Lab)
2.	Centre of Excellence on AI for Robotics
3.	Centre of Excellence on Industry X.0 and Innovation
4.	SKYLAB: Centre of Excellence on Unmanned Aerial Vehicles.
5.	AICTE IDEA Lab
6.	Aero Vision Drone Centre of Excellence

PART E: Fist Year faculty and financial Resources.

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1: First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) +(NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8)+ (NS2*0.2))/RF4
2024-2025	1845	92	73	81	(((44*0.8)+(35*0.2))/92.3)*100 =80.86%
2023-2024	1651	83	72	72	(((49*0.8)+(30*0.2))/82.45)*100 =87.21%
2022-2023	1400	70	57	51	(((44*0.8)+(21*0.2))/70.25)*100 =79.71%

E2: Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budget ed in 2024-25	Actual expenses in 2024-25	Budget ed in 2023-2024	Actual Expenses in 2023-2024	Budget ed in 2022-2023	Actual Expenses in CFYm2 2022-2023	Budget ed in 2021-2022	Actual Expenses in CFYm3 2021-2022
Infrastructure Built-Up	1878571000	178910892	132330000	120298798	50000000	39666224	48400000	43611874
Library	12,04,000	1146212	9540000	8956320	4000000	3659489	3670000	3275716
Laboratory equipment	54000000	51432131	116570000	10597296	16500000	15109021	7150000	6541525
Teaching and non-teaching staff salary	231750000	220715057	216520000	216419721	220300000	218340926	222000000	215305861
Outreach Programs	1855000	1765919	20200000	1835439	47500000	44128565	10500000	9939791

R&D	8800000	8380500	4000000	3612855	5850000	5433929	35000000	33136604
Training, Placement and Industry linkage	400000	373302	2500000	2366799	22000000	20256734	7000000	6911147
SDGs	131200000	124989273	55000000	50103073	7500000	71025395	23000000	27878217
Entrepreneurship	388000	369107	50000	296318	150000	132513	750000	604482
Others*, pl. specify	138400000	131741867	120000000	114956672	10000000	95770414	112050000	92461894
Total amount	**755854000**	**719824260**	**676710000**	**529443291**	**383800000**	**513523210**	**469520000**	**439667111**

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	**Budgeted in CFY**	**Actual expenses in CFY (till Aug 2024–25)**	**Budgeted in CFYm1**	**Actual Expenses in CFYm1 2023–2024**	**Budgeted in CFYm2**	**Actual Expenses in CFYm2 2022–2023**	**Budgeted in CFYm3**	**Actual Expenses in CFYm3 2021–2022**
Laboratory equipment	1559250	1485000	791863	754155	1239593	1180565	3165314	3014585
Software	14700	14000	12600	12000	216153	205860	223020	212400
SDGs	404691	385420	257901	245620	184674	175880	132069	125780
Support for faculty development	56700	54000	54600	52000	53340	50800	44772	42640
R & D	373438	355655	509909	485628	208471	198544	836661	796820
Industrial Training, Industry expert, Internship	166843	158898	134990	128562	99225	94500	53235	50700
Miscellaneous expenses *	154560	147200	328212	312583	103425	98500	119921	114210
Total amount	**2730182**	**2600173**	**2090075**	**1990548**	**2104881**	**2004649**	**4574992**	**4357135**