NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for:

A1: **Name of the Institute:-** Sree Sakthi Engineering College

Year of Establishment: 2010 **Location of the Institute:** Karamadai

A2: **Institute Address:-**

City : Coimbatore **State:** Tamilnadu

Pin Code : 641104 **Website:** www.sreesakthi.edu.in

E-mail : principal@sreesakthi.edu.in **Phone No(with STD Code):** 04254-296151

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

Name of the University **:** ANNA UNIVERSITY **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: 10
- No. of PG programs: 2

Table No. A6.1: List of all programs offered by the Institute.

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1	UG	B.E (CIVIL ENGINEERING)	2010	-	CIVIL ENGINEERING
2	UG	B.E (COMPUTER SCIENCE AND ENGINEERING)	2010	-	COMPUTER SCIENCE AND ENGINEERING
3	UG	B.E (ELECTRONICS AND COMMUNICATION ENGINEERING)	2010	-	ELECTRONICS AND COMMUNICATION ENGINEERING

4	UG	B.E (ELECTRICAL AND ELECTRONICS ENGINEERING)	2010	-	ELECTRICAL AND ELECTRONICS ENGINEERING
5	UG	B.E (MECHANICAL ENGINEERING)	2010	-	MECHANICAL ENGINEERING
6	UG	B.E- COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGECE AND MACHINE LEARNING)	2023	-	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGECE AND MACHINE LEARNING)
7	UG	B.E- COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	2023	-	B.E- COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)
8	UG	B.TECH- INFORMATION TECHNOLOGY	2023	-	B.TECH- INFORMATION TECHNOLOGY
9	UG	B.TECH- ARTIFICIAL INTELLIGECE AND DATA SCIENCE	2024	-	B.TECH- ARTIFICIAL INTELLIGECE AND DATA SCIENCE
10	UG	B.E – MECHATRONICS ENGINEERING	2026	-	MECHATRONICS ENGINEERING
11	PG	M.E – VLSI DESIGN	2012	-	VLSI DESIGN
12	PG	M.E – COMPUTER SCIENCE AND ENGINEERING	2025	-	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.	CIVIL ENGINEERING	B.E (CIVIL ENGINEERING)
2.	COMPUTER SCIENCE AND ENGINEERING	B.E (COMPUTER SCIENCE AND ENGINEERING)
3.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E (ELECTRICAL AND ELECTRONICS ENGINEERING)
4.	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E (ELECTRONICS AND COMMUNICATION ENGINEERING)
5.	MECHANICAL ENGINEERING	B.E (MECHANICAL 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.	COMPUTER SCIENCE AND ENGINEERING	B.E-COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGECE AND MACHINE LEARNING)
2.	COMPUTER SCIENCE AND ENGINEERING	B.E-COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)
3.	COMPUTER SCIENCE AND ENGINEERING	B.TECH- INFORMATION TECHNOLOGY
4.	COMPUTER SCIENCE AND ENGINEERING	B.TECH- ARTIFICIAL INTELLIGECE AND DATA SCIENCE
5.	COMPUTER SCIENCE AND ENGINEERING	M.E - COMPUTER SCIENCE AND ENGINEERING
6.	ELECTRONICS AND COMMUNICATION ENGINEERING	M.E – VLSI DESIGN

NATIONAL BOARD OF ACCREDITATION

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

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: Electrical and Electronics Engineering

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.** - Electrical and Electronics Engineering	2010	60	30 60	2020-21 2022-23	1-9318222094/2021/EOA 1-10968575628/2022/EOA	Applying First time	Not accredited

* 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. E. NANDAKUMAR

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)	2024-25	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19
N= Sanctioned intake of the program (as per AICTE /Competent authority)	**60**	**30**	**60**	**30**	**30**	**60**	**60**
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	**56**	**32**	**27**	**05**	**06**	**06**	**16**
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	**05**	**02**	**26**	**29**	**17**	**01**	**0**
N3= Separate division if any	**0**	**0**	**0**	**0**	**0**	**0**	**0**
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total number of students admitted in the program (N1 + N2 + N3+ N4) - excluding those admitted through multiple entry and exit points.	**58**	**34**	**53**	**34**	**23**	**07**	**16**

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))	2024-25	2023-24	2022-23
N= Sanctioned intake of the program in the 1st year (as per AICTE/Competent authority)	**60**	**30**	**60**
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	**56**	**32**	**27**
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	**0**	**0**	**0**
Enrolment Ratio (**ER**)= (N1+N4)/N	**0.93**	**1.07**	**0.45**
Average ER= (ER_1+ ER_2+ ER_3)/3	**0.82**		

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	2024-25	2023-24	2022-23
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).	**21**	**23**	**05**
B=No. of students who graduated from the program in the stipulated course duration	**12**	**5**	**02**
Success Rate (**SR**)= (B/A)*100	**57.14**	**22**	**40**
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	**39.7**		

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	2023-24	2022-23	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)	**7.4**	**7.4**	**08**
Y= Total no. of successful students	**32**	**27**	**05**
Z = Total no. of students appeared in the examination	**32**	**27**	**05**
API = X* (Y/Z)	**7.4**	**7.4**	**08**
Average **API** = (API_1 + API_2 + API_3)/3	**7.6**		

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	2023-24	2022-23	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)	**7.3**	**8.6**	**0**
Y= Total no. of successful students	**28**	**44**	**21**
Z =Total no. of students appeared in the examination	**28**	**44**	**21**
API = X* (Y/Z)	**7.3**	**8.6**	**0**
Average **API** = (API_1 + API_2 + API_3)/3	**5.3**		

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	2023-24	2022-23	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)	**0**	**7.9**	**7.5**
Y= Total no. of successful students	**28**	**36**	**21**
Z= Total no. of students appeared in the examination	**28**	**36**	**21**
API = X* (Y/Z)	**0**	**7.9**	**7.5**
Average **API** = (API_1 + API_2 + API_3)/3	**5.1**		

B9: Placement, Higher Studies, and Entrepreneurship

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

Item	2024-25	2023-24	2022-23
FS*=Total no. of final year students	**20**	**06**	**15**
X= No. of students placed	**19**	**06**	**14**
Y= No. of students admitted to higher studies	**0**	**0**	**0**
Z= No. of students taking up entrepreneurship	**0**	**0**	**0**
X + Y + Z =	**19**	**06**	**14**
Placement Index (**P**) = (((X + Y + Z)/FS) * 100)	**95**	**100**	**93**
Average placement **index** = (P_1 + P_2 + P_3)/3	**96.1**		

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.

Table No. 5A: Faculty details for CAY

S.No.	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	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. E NANDAKUMAR	AFYPN7313N	NA	Ph.D.	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	21/07/2026	0.11	Professor	Professor	NA	Regular	-	Y	NA
2	Dr. SARAVANAN P	BGTPS3914H	NA	Ph.D.	ANNA UNIVERSITY	INFORMATION AND COMMUNICATION	03/05/2022	3.1	Professor	Professor	NA	Regular	-	N	30/06/2025
3	Dr. LEENA ROSE R	ADSPL9677K	NA	Ph.D.	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	23/07/2018	4.10	Professor	Professor	NA	Regular	-	N	30/05/2023
4	Dr. THIRUMURUGAN	AJGPT1445B	NA	Ph.D.	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	01/07/2022	4	Associate Professor	-	-	Regular	-	Y	NA
5	Prof. MALARVIZHI P	CCMPM7361N	NA	M.E.	ANNA UNIVERSITY	Power Electronics & Drives	18/06/2012	14	Assistant Professor	Associate Professor	17/08/2018	Regular	-	Y	NA
6	Dr.R.NIRMALA	ASIPN7210M	NA	Ph.D.	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	01/07/2022	2.9	Assistant Professor	Assistant Professor	NA	Regular	-	N	30/06/2025
7	JAYASATHYA J	CCUPJ9235J	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	01/06/2021	5.1	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
8	RINI ELAMATHI T J	BLDPR2390P	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	01/06/2021	5.1	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
9	DEEPIKA DEVI R	CQHPD1909A	NA	M.E.	ANNA UNIVERSITY	Instrumentation Engineering	01/06/2021	5.1	Assistant Professor	Assistant Professor	NA	Regular	-	N	30/06/2025
10	BENITTA MARY M	BKZPB1050R	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	01/07/2022	4	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
11	MANJULA R	AVNPM5280A	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	02/02/2022	4.5	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
12	KANDASAMY C P	DNGPK0941G	NA	M.E.	ANNA UNIVERSITY	Power Systems Engineering	06/06/2022	1.11	Assistant Professor	Assistant Professor	NA	Regular	-	N	30/05/2024

13	BHARANI G	EFCPB0425M	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	01/07/2024	1	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
14	MANIKANDAN R	BKQPM5528J	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	04/07/2024	1.11	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
15	Mr. S. JAYANDIREN	BYAQR2874L	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	02/06/2025	0.6	Assistant Professor	Assistant Professor	NA	Regular	-	N	30/05/2025
16	Mrs. R. LATHA	AJSPL2949Q	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	02/06/2025	1.1	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
17	Mr. V. NIJANTHAN	AOXPN1451P	NA	M.E.	ANNA UNIVERSITY	Power Systems Engineering	23/07/2025	0.11	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
18	Mrs. N. ABINAYA	BPWPA0797N	NA	M.E.	ANNA UNIVERSITY	Instrumentation Engineering	16/06/2025	1.1	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
19	Mrs. S.INDU	AGXPI5241A	NA	M. Tech.	SATHYABAMA UNIVERSITY	Medical Instrumentation	28/11/2025	0.7	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
20	Mr.R.VIBIN	AHOPV9093K	NA	M.E.	ANNA UNIVERSITY	Power Systems Engineering	01/04/2026	0.3	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
21	Mr.T.S.ARUN	BCEPA1674D	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	17/06/2026	16 days	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
22	Mr.M. MOHANASUNDARAM	AVZPM8992M	NA	M.E.	SATHYABAMA UNIVERSITY	Power Electronics and Industrial Drives	17/06/2026	17 days	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA
23	Mrs. PAVITHRA	EEUPP4905R	NA	M.E.	ANNA UNIVERSITY	Power Electronics and Drives	25/06/2026	7 days	Assistant Professor	Assistant Professor	NA	Regular	-	Y	NA

Student-Faculty Ratio (SFR)

No. of UG (Engineering) programs in Department including allied departments/ clusters (UG_n):

UG_1=1st UG program
UG_n=nth 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):

G_1=1st PG program.

- PG_m=mth 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	**2024-2025**	**2023-2024**	**2022-2023**
UG_1. B // 2nd year students of UG_1 program	32	66	33
UG_1. C // 3rd year students of UG_1 program	66	33	33
UG_1. D // 4th year students of UG_1 program	33	33	61
UG_1 program // Total no.of students(2nd, 3rd, 4th) in UG_1	**131**	**132**	**127**
…	NA	NA	NA
UG_n. B // 2nd year students of UG_n program	NA	NA	NA
UG_n. C // 3rd year students of UG_n program	NA	NA	NA
UG_n. D // 4th year students of UG_n program	NA	NA	NA
UG_n program // Total no.of students(2nd, 3rd, 4th) in UG_n	NA	NA	NA
PG_1. A // 1st year students of PG_1 program	NA	NA	NA
PG_1. B // 2nd year students of PG_1 program	NA	NA	NA
PG_1 program // Total no.of students(1st, 2nd) in PG_1	NA	NA	NA
…..	NA	NA	NA
PG_m. A // 1st year students of PG_m program	NA	NA	NA
PG_m. B // 2nd year students of PG_m program	NA	NA	NA
PG_m program // Total no.of students(1st, 2nd) in PG_m	NA	NA	NA
DS=Total no. of students in all UG and PG programs in the Department	131	132	127
AS=Total no. of students of all UG and PG programs in allied departments	NA	NA	NA
S=Total no. of students in the Department (DS) and allied departments (AS)	131	132	127
DF=Total no. of faculty members in the Department	11	10	11
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	11	10	11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	3
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 131/(11-3) =**16.37**	SFR2=132/(10- 3)= **18.85**	SFR3=127/(11-3) = **15.8**
Average SFR for 3 years	Average SFR= (16.375+18.85+15.875)/3=**17**		

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]
2024-2025	3	5	6.55	19.08
2023-2024	3	4	6.6	17.42
2022-2023	4	4	6.35	22.04

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)
2024-2025	0.72	1	1.45	2	4.36	5
2023-2024	0.73	1	1.46	2	4.4	4
2022-2023	0.70	2	1.41	1	4.2	5
Average Numbers	**RF1=0.716**	**AF1=1.33**	**RF2=1.44**	**AF2=1.66**	**RF3=4.32**	**AF3=4.66**

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. No.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
2022-23				
1	Mr. V. Angappa	Director & Mega Technology Scientific Instruments	Electron Devices and Circuits	28
2	Mr. V. Angappa	Director & Mega Technology Scientific	Measurements and Instrumentation	25

		Instruments		
			Total no. of hours:	**53**
2021-22				
1	Mr. V. Angappa	Director & Mega Technology Scientific Instruments	Electron Devices and Circuits	30
2	Mr. V. Angappa	Director & Mega Technology Scientific Instruments	Measurements and Instrumentation	25
			Total no. of hours:	**55**
2020-21				
1	Dr. T. Anbalagan	Senior Technical Project Manager & BOSCH	Solid State Drives	30
2	Dr. T. Anbalagan	Senior Technical Project Manager & BOSCH	High Voltage Engineering	28
			Total no. of hours:	**58**

C6: Academic Research

Table No. C 6.1: Faculty publication details.

S. No	Item	2023-2024	2023-2022	2022-2021
1	No. of peer reviewed journal papers published	**1**	**1**	**2**
2	No. of peer reviewed conference papers published	**18**	**15**	**12**
3	No. of books/book chapters published	**16**	**14**	**12**

C7: Sponsored Research Project

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

S. No.	PI name	Co-PI names if any	Name ofthe Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
2023-2024							
1	Dr.RANGANATHAN	-	ELECTRICAL AND ELECTRONICS ENGINEERING	PLC USING DRIVE CONTROL SYSTEM	FUJI ELECTRIC India Pvt. Ltd, Chennai	I YEAR	**7**
						Amount received (Lacks)	**7**
2022-2023							
1	Dr.RANGANATHAN	-	ELECTRICAL AND ELECTRONICS ENGINEERING	IOT TRANINER KIT	ELETECHTRONICS	I YEAR	**1**
						Amount received (Lacks)	**1**
						Total Amount (Lacks) Received for the Past 3 Years	**8**

C8: Consultancy Work

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

S. No.	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 (Lacks)
2023-2024							
1	Dr.RANGANATHAN	-	EEE	SOLAR POWER PLANT	SREE SAKTHI ENGINEERING COMPANY, COIMBATORE	1 year	**1.5**
2	Dr.RANGANATHAN	-	EEE	CLEANING ROBOT	SREE SAKTHI ENGINEERING COMPANY, COIMBATORE	I year	**1.7**
Amount received (Lacks)							**3.2**
2022-2023							
1	Dr.RANGANATHAN	-	EEE	IOT-BASED SMART ACCIDENT PREVENTION, DETECTION, AND RESCUE SYSTEM WITH BLACK BOX INTEGRATION	VEI TECHNOLOGIES, CHENNAI	1 year	1.1
2	Dr.RANGANATHAN	-	EEE	PLC INPUT/OUTPUT INTERFACE	SREE SAKTHI ENGINEERING COMPANY, COIMBATORE	1 year	**1.5**
Amount received (Lacks)							**2.6**
2021-2022							
1.	Dr.RANGANATHAN	-	EEE	SOLAR WATER HEATER	SREE SAKTHI ENGINEERING COMPANY, COIMBATORE	1 year	**1**
2.	Dr.RANGANATHAN	-	EEE	ASSITIVE SYSTEM FOR FUEL AND ELECTRIC SWITCHING	ELETECHTRONICS	1 year	**0.4**
Amount received (Lacks)							**1.4**
Total amount (Lacks) received for the past 3 years							**7.2**

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. No.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacks)	Amount Utilized (Lacks)	Outcomes of the project
2023-2024						
1.	MALARVIZHI P	EMPOWERING THE VISUALLY IMPAIRED WITH SMART INNOVATION	5 MONTHS	**0.4**	**0.4**	Project is a significant leap forward in accessibility and independence for the visually impaired. Instead of simply detecting obstacles on the ground, these smart innovations offer a comprehensive picture of the environment
2.	Dr.THIRU MURUGAN P	EV BMS WITH CHARGE MONITOR AND FIRE DECTION	5 MONTHS	**0.4**	**0.4**	The project successfully created a system that continuously monitors crucial battery parameters in real-time, including voltage, current, and temperature.
3.	J. JAYASATHYA	HUMAN LINE FOLLOWING CAR USING WIFI, BLUETOOTH	5 MONTHS	**0.4**	**0.4**	The outcome of this project is a multi-functional robotic vehicle that successfully demonstrates a high degree of autonomy and remote control capability
4.	BENITTA MARY M	UV ALERT WRIST BAND	5 MONTHS	**0.4**	**0.4**	The outcome of a successful "UV Alert Wrist Band" project is a practical and effective tool that promotes sun safety and public health. Prevention of Sunburn and Skin Damage.
5.	MALARVIZHI P	WIRELESS POWER TRANSFER TO SPEED CONTROL OF BLDC MOTOR USING IOT	5 MONTHS	**0.4**	**0.4**	The successful outcome of this project is a demonstration of a highly flexible and reliable solution for motor control. Elimination of Physical Wires Remote and Automated Control
Amount received (Lacks)					**2**	
2022-2023						
1.	J. JAYASATHYA	AUTOMATED DRONE CONTROLLER BY GESTURES	6 MONTHS	**0.5**	**0.5**	The outcome of a successful "Automated Drone Controller by Gestures" project is a more user-friendly, intuitive, and efficient method of operating a drone, Intuitive Control
2.	Dr.THIRU MURUGAN P	DIY ARDUNIO OBSTACLES AVOIDING CAR	6 MONTHS	**0.5**	**0.5**	The outcome of a "DIY Arduino Obstacle-Avoiding Car" project is not just a functional robot but also a valuable learning experience, Fundamental Robotics Skills
3.	DEEPIKA DEVI R	DRIVER DROWSINESS DECTION SYSTEM	6 MONTHS	**0.5**	**0.5**	The outcome of a successful "Driver Drowsiness Detection System" project goes beyond just a functional prototype; it demonstrates a viable solution to a significant public safety issue. Accident Prevention and Increased Road Safety
4.	MALARVIZHI P	**ULTRASONIC MISMATCH KEY**	6 MONTHS	**0.2**	**0.2**	The outcome of an "Ultrasonic Mismatch Key" project is a highly

						secure and innovative locking mechanism with several advantages over traditional systems. **Enhanced Security**: The system's primary outcome is a significant increase in security. Unlike a physical key that can be duplicated from a mold, an ultrasonic key is much harder to copy. The unique combination of material properties and shape creates a digital signature that is extremely difficult to replicate without specialized equipment.
Amount received (Lacks)					**1.7**	
2021-2022						
1.	MANJULA R	VOICE CONTROLLER AND HOME AUTOMATION	6 Months	**0.5**	**0.5**	The outcome of a "Voice Controller and Home Automation" project is a functional, user-friendly system that provides tangible benefits to a living space.
2	MALARVIZHI P	SOLAR WIRELESS ELECTRIC VEHICLE CHARGING STATION WITH DYNAMIC LOAD	6 Months	**0.5**	**0.5**	The outcome of a "Solar Wireless Electric Vehicle Charging Station with Dynamic Load" project is a highly advanced prototype that demonstrates a sustainable, efficient, and user-friendly charging infrastructure for the future of transportation. Reduced Grid Dependence and Carbon Footprint.
3	Dr.THIRUMURUGAN P	VOICE SPEED CONTROLLER TO USE E-VEHICLE AND ARDUINO	6 MONTHS	**0.5**	**0.5**	The successful outcome of this project is a fully functional prototype that demonstrates a range of capabilities: Hands-Free Operation: The project successfully proves the concept of controlling a vehicle without physical input from buttons or a joystick, making the operation more intuitive and accessible.
4	LEENA ROSE R	RAIN SENSING DECTION AND AUTOMATIC CAR WIPER	6 MONTHS	**0.5**	**0.5**	The outcome of this project is a functional, autonomous system that significantly improves a driver's safety and convenience. Improved Driving Safety: By automating the wiper's speed and activation, the system eliminates the need for a driver to manually adjust the wipers, allowing them to keep their hands on the wheel and their focus on the road.
Amount received (Lacks)					**2**	
Total amount (Lacks) received for the past 3 years					**5.7**	

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.No.	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.	**Electrical Machines Lab**	**2**	❖ DC Shunt Motor with Loading Arrangement ❖ DC Shunt Motor Coupled With Three phase Alternator ❖ Single Phase Transformer ❖ DC Series Motor with Loading Arrangement ❖ DC Compound motor with loading arrangement ❖ DC Shunt Motor Coupled With DC Compound Generator ❖ DC Shunt Motor Coupled With DC Shunt Generator ❖ Single Phase Auto Transformer ❖ Three Phase Auto Transformer ❖ DC Shunt Motor Coupled With Three phase Salient Pole Alternator ❖ DC Shunt Motor Coupled With Three phase non-salient pole Alternator ❖ DC Shunt Motor Coupled With Three phase Slip ring Induction motor ❖ Three Phase Induction Motor with Loading Arrangement ❖ Single Phase Induction Motor with Loading Arrangement ❖ Single Phase Auto Transformer ❖ Three Phase Auto Transformer ❖ Single Phase/ three phase Resistive Loading Bank ❖ Capacitor Bank	4 hrs/week	Ms. Swathi	Lab Assistant	DEEE

			❖ Three phase inductive load				
2.	**Power System Simulation Lab**	**2**	❖ Personal Computers (Intel Core i5 or i7, 500 GB, 8GB RAM) ❖ Laser Printer ❖ Dot matrix Printer ❖ Server (Intel Core i7, 2 TB, 8 GB RAM or higher) (High Speed Processor) ❖ Software: EMTP / ETAP / CYME / MIPOWER / any Power system simulation software ❖ Compilers: C / C++ / Matlab	4 hrs/week	Ms. Swathi	Lab Assistant	DEEE
3	**Power Electronics Lab**	2	❖ SCR, TRIAC, IGBT, MOSFET ❖ Single Phase Semi converter ❖ Single Phase Full converter ❖ Step down Chopper ❖ Step up Chopper ❖ Buck Converter ❖ Buck Boost converter ❖ Boost Converter ❖ AC Voltage Controller ❖ Computers	4 hrs/week	Ms. Swathi	Lab Assistant	DEEE
4	**Control & Instrumentation Lab**	2	❖ Desktop ❖ Matlab latest license	2 hrs/week	Ms. Swathi	Lab Assistant	DEEE
5	**Engineering Practice Lab**	2	❖ DC Multi-output power supply (0-5V),(0-30V)(+15V,-15V) ❖ Single phase house wiring setup ❖ Staircase wiring setup ❖ Fluorescent lamp wiring setup ❖ Energy meter	4 hrs/week	Ms. Swathi	Lab Assistant	DEEE
6	**Electric Circuits Lab**	2	❖ 70MHz DSO and 50 MHz Arbitrary Function Generator/ signal generator ❖ Power Supplies (0 – 30V/3A) (0-30V/3A) (0-5V/3A) (+/- 15V) ❖ Digital RLC Meter	4 hrs/week	Ms. Swathi	Lab Assistant	DEEE

D2: `Safety Measures in Laboratories

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

S. No.	Name of the Laboratory	Safety measures
1	**Electrical Machines Lab**	**1. <u>General Safety:</u>** ❖ Display "Do's and Don'ts" safety boards clearly in the laboratory. ❖ Allow only authorized students and staff to enter the lab during practical sessions. ❖ Ensure students wear shoes with insulated soles and avoid loose clothing. ❖ Prohibit food, drinks, and mobile phones inside the laboratory. **2.<u>Electrical Safety:</u>** ❖ Check the wiring, plugs, sockets, and terminals before energizing any machine. ❖ Never switch ON the supply unless the experimental setup is verified by the faculty. ❖ Always use proper fuses, MCBs, and ELCBs for protection. ❖ Keep all connections tight and insulated to prevent sparking. ❖ Use only standard rated leads with insulated probes for connections. ❖ Do not touch rotating parts, terminals, or exposed conductors when the supply is ON. **3. <u>Machine Handling:</u>** ❖ Start and stop machines gradually using proper starters and switches. ❖ Ensure all machines are properly earthed before operation. ❖ Prevent overloads by monitoring current with ammeters and using protective relays. ❖ Place guards for couplings, belts, and rotating parts to avoid accidents. ❖ Do not leave any running machine unattended. **4. <u>Emergency Safety:</u>** ❖ Clearly mark and provide easy access to the **main power cutoff switch**. ❖ Provide **First Aid Kit** and train students to handle minor injuries. ❖ Keep **fire extinguishers (CO_2 type)** in the lab and train staff to operate them. ❖ Ensure proper ventilation to avoid overheating of machines. ❖ In case of accident or electrical shock, immediately switch OFF the main supply and follow first aid procedures. **5. <u>Additional Safety Practices for Quality & Accreditation:</u>** ❖ Maintain a **Lab Safety Logbook** to record inspections, incidents, and maintenance. ❖ Conduct **Safety Induction Program** for students before lab work. ❖ Periodically check insulation resistance of machines and wiring.
2	**Power System Simulation Lab**	1. **<u>Proper Lab Environment</u>:** ❖ Ensure good lighting and ventilation in the lab. ❖ Maintain clean, dry, and organized workspaces to prevent accidents. 2. **<u>Electrical Safety</u>:** ❖ Use proper circuit protection devices like fuses and circuit breakers. ❖ Regularly inspect and maintain wiring, plugs, sockets, and

		connections. ❖ Ensure all equipment is properly grounded. 3. **Clear Signage and Labels:** ❖ Mark emergency exits clearly. ❖ Label all equipment and power sources with operating voltages and safety warnings. ❖ Display safety instructions and emergency contact numbers prominently. 4. **Use of Personal Protective Equipment (PPE):** ❖ Provide lab users with necessary PPE such as insulated gloves, goggles, and safety shoes. ❖ Enforce PPE usage strictly during practical sessions. 5. **Training and Supervision:** ❖ Conduct safety training sessions for all students and staff. ❖ Ensure supervision by qualified instructors during all lab activities. 6. **Emergency Preparedness:** ❖ Keep fire extinguishers, first aid kits, and emergency shutoff switches easily accessible. ❖ Train all personnel on emergency response procedures, including electrical shock first aid and fire safety. 7. **Standard Operating Procedures (SOP):** ❖ Prepare and maintain SOPs for all experiments and equipment handling. ❖ Ensure SOPs include safety precautions and are readily available in the lab. 8. **Regular Maintenance and Calibration:** ❖ Schedule routine maintenance of simulation equipment. ❖ Calibrate instruments regularly to ensure accuracy and safe operation. 9. **Safe Storage:** ❖ Store tools, spare parts, and hazardous materials securely and away from workstations. ❖ Avoid clutter to reduce tripping hazards and accidental damage. 10. **Documentation and Records:** ❖ Maintain logs of safety inspections, equipment maintenance, and incidents. ❖ Document all safety training attended by students and staff.
3	**Power Electronics Lab**	1. **General Safety:** ❖ Display "Do's and Don'ts" safety instructions clearly at the entrance and inside the lab. ❖ Only **authorized students and faculty** are allowed during practical sessions. ❖ Ensure students wear **rubber-soled shoes**, avoid loose clothing, and tie back long hair. ❖ Strictly **prohibit food, drinks, and mobile phone usage** inside the

		lab. ❖ Maintain a **clean and organized workspace** to prevent tripping or equipment damage. <u>2. **Electrical Safety:**</u> ❖ Thoroughly **inspect wiring, switches, and terminals** before powering up any circuit. ❖ Never energize a setup **without verification** by the lab instructor. ❖ Always use **fuses, MCBs (Miniature Circuit Breakers), and ELCBs (Earth Leakage Circuit Breakers)** in setups for protection. ❖ Ensure all connections are **tight, insulated**, and within the voltage/current ratings. ❖ Do not **touch live terminals or components** when the circuit is powered ON. ❖ Use **standard-rated test leads** and insulated probes for all measurements. <u>3. **Equipment Handling:**</u> ❖ Operate high-power equipment (like **inverters, rectifiers, choppers**) only after proper training. ❖ Ensure all power electronic devices (IGBTs, SCRs, etc.) are connected with **correct polarity and ratings**. ❖ Use **heat sinks and cooling fans** where required to prevent thermal damage. ❖ Do not operate power devices **without proper load connection** to avoid voltage spikes. ❖ Switch off the power supply and **discharge capacitors** before touching any circuit. <u>4. **Machine and Load Safety:**</u> ❖ Start and stop machines (motors, transformers, etc.) **gradually using appropriate starters**. ❖ Ensure machines are properly **earthed** and not overloaded. ❖ Monitor current and voltage using **ammeters, voltmeters, and protection relays**. ❖ Place **safety covers/guards** around rotating parts, belts, or coupling shafts. ❖ Keep distance from rotating machines and never leave them unattended while running. <u>5. **Emergency and Documentation:**</u> ❖ Be aware of the location of **main power switch, fire extinguisher, and first aid kit**. ❖ In case of electric shock or fire, **switch off the main supply immediately** and inform the lab in-charge. ❖ Maintain a **logbook of equipment usage and incidents**, as required for NBA documentation. ❖ Follow **evacuation and emergency procedures** displayed in the lab. ❖ Always conduct experiments under **faculty supervision** and adhere to standard operating procedures (SOPs).
4	**Control & Instrumentation Lab**	**<u>1. General Safety:</u>** ❖ Display clear "Do's and Don'ts" safety instructions in the lab.

		❖ Allow only authorized students and staff during experiments. ❖ Ensure students wear safety shoes and avoid loose clothing or accessories. ❖ No food, drinks, or mobile phones allowed inside the lab. **2. Electrical Safety:** ❖ Inspect all wiring, plugs, and terminals before powering any instrument. ❖ Do not switch ON the supply unless the setup is checked and approved by faculty. ❖ Use appropriate fuses, MCBs, and ELCBs for protection. ❖ Ensure all connections are secure and insulated to prevent sparks or shorts. ❖ Use insulated probes and leads with correct ratings for measurement. ❖ Avoid touching live terminals, wires, or moving parts during operation. **3. Instrument Handling Safety:** ❖ Handle all instruments and sensors carefully to avoid damage. ❖ Avoid exposing instruments to moisture, dust, or extreme temperatures. ❖ Calibrate instruments regularly and use only as per manufacturer instructions. ❖ Disconnect power before connecting or removing instruments or cables. **4. Emergency Preparedness:** ❖ Keep fire extinguishers and first aid kits accessible and regularly checked. ❖ Know the location of emergency power shutoff switches. ❖ Train students and staff on emergency procedures and electrical shock response.
5	**Engineering Practice Lab**	**1. Personal Protective Equipment (PPE):** ❖ Always wear lab coats, safety goggles, gloves, and closed-toe shoes. ❖ Tie back long hair and avoid loose clothing. 2. **Lab Environment;** ❖ Ensure the workspace is clean and uncluttered. ❖ Know the locations of safety equipment: fire extinguishers, first aid kits, eye wash stations, and emergency exits. 3. **Tool and Equipment Safety:** ❖ Use tools and machines only after proper training or under supervision. ❖ Inspect tools for damage before use. ❖ Turn off and unplug equipment when not in use or during maintenance. 4. **Electrical Safety:** ❖ Do not touch live wires or circuits. ❖ Use insulated tools when working on electrical components. ❖ Avoid water near electrical equipment. 5. **Mechanical Safety:** ❖ Use guards on machines where applicable.

		❖ Keep hands clear of moving parts. ❖ Do not attempt to repair machines while they are running. 6. **Material Handling;** ❖ Lift heavy objects using proper techniques (bend knees, keep back straight). ❖ Store sharp or dangerous tools securely. 7. **Chemical Safety** (if applicable): ❖ Label and store chemicals properly. ❖ Never mix unknown substances. ❖ Use fume hoods when required. 8. **Documentation and Reporting:** ❖ Record all work accurately for NBA submission. ❖ Report any accident or unsafe condition immediately to the instructor or lab technician. 9. **Behaviour in Lab:** ❖ No horseplay, running, or distractions. ❖ Follow instructions strictly. ❖ Work only during allotted lab hours under supervision. 10. **Emergency Preparedness:** ❖ Be familiar with emergency procedures. ❖ Know who to contact in case of an accident.
6	**Electronics Circuits Lab**	1. **General Safety:** ❖ Display "Do's and Don'ts" safety instructions prominently in the electronics lab. ❖ Allow only authorized students and staff during scheduled lab sessions. ❖ Ensure all students wear shoes with **insulated soles** and avoid **loose clothing or accessories**. ❖ Strictly **prohibit food, beverages, and use of mobile phones** inside the lab. ❖ Keep walkways and lab benches **clutter-free** to avoid accidents 2. **Electrical Safety:** ❖ Always **check power supply, wires, and connections** before switching ON any circuit. ❖ Never energize a circuit until it has been **verified by the instructor or lab assistant**. ❖ Use only **standard-rated fuses, MCBs, and ELCBs** for circuit protection. ❖ Ensure all connections are **tight, insulated, and correctly polarized** to prevent short circuits. ❖ Use **high-quality, insulated test leads and probes** for measurements. ❖ **Do not touch** any live terminal or component while the power is ON. 3. **Component Handling:** ❖ Handle sensitive components like ICs, transistors, and capacitors using **anti-static precautions**. ❖ Use **IC base sockets** instead of soldering ICs directly, wherever

		possible. ❖ Store electronic components in **anti-static containers** when not in use. ❖ Always **discharge capacitors** before handling or replacing them. ❖ Avoid over-voltage or incorrect polarity to prevent **damage to semiconductors**. 4. **Equipment Usage:** ❖ Operate lab instruments (e.g., **oscilloscopes, function generators, multimeters**) only after proper instruction. ❖ **Calibrate equipment** before starting experiments to ensure accurate readings. ❖ Never exceed the **voltage/current ratings** of the equipment or components. ❖ Turn off and unplug equipment **after use** or during any repair. ❖ Report any **malfunctioning or damaged equipment** immediately to the lab in-charge. 5. **Emergency Preparedness:** ❖ Know the location of the **main power cut-off switch**, fire extinguisher, and first aid box. ❖ In case of electric shock, **do not touch the person directly**—switch off the power and call for help. ❖ Maintain an **incident log** for all lab accidents or safety violations for NBA records. ❖ Follow **emergency evacuation protocols** as displayed in the lab. ❖ Always work under **faculty supervision** to ensure adherence to safety norms.

D3: Project Laboratory/Research Laboratory

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

S. No.	Name of the Laboratory
1	FUJI-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
CAY	**570**	**28**	**14**	**29**	**25.2**
CAYm1	**360**	**17**	**14**	**18**	**16.4**

CAYm2	**300**	**18**	**13**	**15**	**17.0**

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

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

Items	Budgeted in CFY (2024-2025)	Actual expenses in CFY (till date)	Budgeted in CFYm1 (2023-2024)	Actual expenses in CFY (2023-2024)	Budgeted in CFY (2022-2023)	Actual expenses in CFY (2022-2023)	Budgeted in CFY (2021-2022)	Actual expenses in CFY (2021-2022)
Infrastructure built-up	18000000	17738374	13500000	13108275	750000	744528	110000	105495
Library	165000	163250	135000	134650	120000	118400	14000	13570
Laboratory Equipment	3000000	2877000	2500000	2398540	1800000	1598625	1400000	1233545
Teaching and non-teaching staff salary	56000000	55852458	24500000	24164301	16500000	16229064	9800000	9708425
Outreach programs	12000000	11692894	22500000	22341727	10000000	10027990	4500000	4467975
R&D	2000000	1790900	1800000	1784400	1200000	1183300	900000	879200
Training placement and Industry linkage	2250000	2228662	690000	688391	35000	32553	50000	51847
SDG's	300000	289000	300000	270190	225000	223250	150000	135950
Entrepreneurship	950000	948000	630000	620000	500000	490000	300000	285000
Others*,PL. Specify 1.Electricity 2.Student's Welfare 3.Administrative Expanses 4.Transport Expanses 5.Function expanses	70000000	68792450	40000000	39901615	28000000	27500176	14000000	13833872
Total	164665000	162372988	106555000	105412089	59130000	58147886	31224000	30714879

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 …)**	**Budgeted in CFY*m*1**	**Actual Expenses in CFY*m*1**	**Budgeted in CFY*m*2**	**Actual Expenses in CFY*m*2**	**Budgeted in CFY*m*3**	**Actual Expenses in CFY*m*3**
Laboratory equipment	28,000	27,500	27,000	25,000	48,000	43,000	35,000	32,500
Software	-	-	-	-	-	-	-	-
SDGs	-	-	-	-	-	-	-	-
Support for faculty development	15,000	15,000	23,000	23,000	24,000	24,000	16,000	16,000
R & D	40,000	39,000	45,000	45,000	41,000	41,000	90,000	85,000
Industrial Training, Industry expert, Internship	18,000	15,000	17,000	15,000	18,000	16,000	18,000	15,000
Miscellaneous expenses *	10,000	6,000	10,000	7,000	10,000	4,500	10,000	6,000
Total amount	**1,11,000**	**1,02,500**	**1,22,000**	**1,15,000**	**1,41,000**	**1,28.500**	**1,69,000**	**1,54,500**