PART A : Institutional Information

A 1. Name and address of the institution:

SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (Autonomous)

Year of Establishment: 2001 Location of the Institution: Bhimavaram

A 2. Type of the Institution: (Tick the applicable choice)

City : Bhimavaram State : Andhra Pradesh
Pincode : 534202 Website: www.svecw.edu.in
Email: info@svecw.edu.in, principal@svecw.edu.in
Phone No (with STD Code): 08816-250864

A 3. Name and Address of the Affiliating University (if any):

Name of the university: Jawaharlal Nehru Technological University Kakinada (JNTUK)
City : Kakinada State: Andhra Pradesh
Pin Code : 533003

A 4. Type of the Institution : - (Tick the applicable choice)

- Institution of National Importance ☐
- University ☐
- Deemed University ☐
- Autonomous ☑
- Non-Autonomous (Affiliated) ☐
- Any Other (Please Specify*) ☐

***Provide Details**: _____

A 5. Ownership status: - (Tick the applicable choice)

- Central Government ☐
- State Government ☐
- Grant-in-Aid ☐
- Self-financing Trust ☑
- Any Other (Please Specify*) ☐

***Provide Details:** _____

A 6. Details of all the programs being offered by the institution: -

- No. of UG Programs : 09
- No. of UG Programs : 05

Table No. A 6.1 : List of all the programs offered by the Institution.

S. No.	Level of Program (UG/PG)	Name of the Program	Year of Start	Year of Close	Name of the Department
1	UG	Computer Science & Engineering	2001-02	-	Computer Science & Engineering
2	UG	Electronics & Communication Engineering	2001-02	-	Electronics & Communication Engineering
3	UG	Information Technology	2001-02	-	Information Technology
4	UG	Electrical & Electronics Engineering	2002-03	-	Electrical & Electronics Engineering
5	UG	Mechanical Engineering	2009-10	-	Mechanical Engineering
6	UG	Civil Engineering	2009-10	-	Civil Engineering
7	UG	Computer Science & Engineering[Artificial Intelligence & Data Science]	2020-21	-	Artificial Intelligence
8	UG	Computer Science & Engineering[Artificial Intelligence & Machine Learning]	2021-22	-	Artificial Intelligence
9	UG	Computer Science & Engineering[Cyber Security]	2022-23	-	Computer Science & Engineering
10	PG	Power Electronics	2008-09	-	Electrical & Electronics Engineering
11	PG	VLSI Design	2008-09	-	Electronics & Communication Engineering
12	PG	Software Engineering	2009-10	-	Computer Science & Engineering
13	PG	Computer Science & Engineering	2011-12	-	Computer Science & Engineering
14	PG	Master of Business Administration	2008-09	-	Master of Business Administration

A 7. Programs to be considered for Accreditation vide this Application:

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

S. No.	Name of the Department	Name of the Program
1	Computer Science & Engineering	UG : Computer Science & Engineering
2	Electronics & Communication Engineering	UG : Electronics & Communication Engineering
3	Electrical & Electronics Engineering	UG : Electrical & Electronics Engineering
4	Information Technology	UG : Information Technology

Note:

- Keep a list of programs applying for NBA accreditation through this application.

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

S. No.	Name of the Department (in table no. A7.1)	Name of allied Department / Cluster (for table no.A7.1)
1	Computer Science & Engineering	Nil
2	Electronics & Communication Engineering	Nil
3	Electrical & Electronics Engineering	Nil
4	Information Technology	Nil

- Keep a list of all allied departments/cluster programs with respect to Table No. A7.1.
- See the Allied Departments/Cluster programs information in Annexure-III.

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	Yearof increase / decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	Information Technology	2001	60	120	2008-09	F. No. 730-50-317(E)/ ET/2001	Granted Accreditation for 3 years for the period (2022 to 2025) i.e., Up to 30.06.2025	3
				180	2021-21	F.No. South-Central/ 1-7004852535 /2020/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. D. Venkata Naga Raju

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)	CAY1 (2023 -24)	CAY2 (2022 - 23)	CAY m3 (2021 - 22)	CAYm4 (LYG) (2020 - 21)	CAYm5 (LYGm1) (2019-20)	CAYm6 (LYGm2) (2018-19)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	180	180	180	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	177	180	174	180	180	128	116
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	--	18	20	18	18	12	01
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	18	18	18	18	13	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	195	216	212	216	211	140	117

CAY= Current Academic Year.
CAYm1= Current 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)	180	180	180
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	177	180	174
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	18	18	18
Enrolment Ratio (ER)= (N1+N4)/N	ER_1= 108.33	ER_2= 110	ER_3= 106.66
Average ER= (ER_1+ ER_2+ ER_3)/3	**108.33**		

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 (2020-21)**	**LYGm1 (2019-20)**	**LYGm2 (2018-19)**
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).	211	140	117
B=No. of students who graduated from the program in the stipulated course duration	199	130	109
Success Rate (SR)= (B/A)*100	SR_1= 94.31	SR_2= 92.85	SR_3= 93.16
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	**93.44**		

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)	8.6	8.6	8.4
Y= Total no. of successful students	169	173	192
Z = Total no. of students appeared in the examination	198	190	198
API = X* (Y/Z)	API_1= 7.34	API_2= 7.83	API_3= 8.14
Average API = (API_1 + API_2 + API_3)/3	**7.77**		

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)	8.42	8.37	8.34
Y= Total no. of successful students	190	213	204
Z =Total no. of students appeared in the examination	210	214	209
API = X* (Y/Z)	API_1= 7.62	API_2= 8.33	API_3= 8.14
Average API = (API_1 + API_2 + API_3)/3	**8.03**		

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)	8.65	8.66	8.75
Y= Total no. of successful students	208	206	119
Z= Total no. of students appeared in the examination	214	208	140
API = X* (Y/Z)	AP_1= 8.40	AP_2 = 8.57	AP_3= 7.43
Average API = (API_1 + API_2 + API_3)/3	**8.13**		

B9: Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2020-21)	LYGm1 (2019-20)	LYGm2 (2018-19)
FS*=Total no. of final year students	208	140	116
X= No. of students placed	131	114	102
Y= No. of students admitted to higher studies	4	6	3
Z= No. of students taking up entrepreneurship	1	0	0
X + Y + Z =	136	120	105
Placement Index (P) = (((X + Y + Z)/FS) * 100)	P_1= 65.38	P_2= 85.71	P_3= 90.51
Average placement index = (P_1 + P_2 + P_3)/3	**80.53**		

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.No	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/Adhoc)	If Contractual mention Full time or (Parttime or hourly based)	Currently Associated (Y/N)	Date of Leaving if any(In Case Currently Associated is "No")
1	Dr. D. Venkata Naga Raju	Ph.D.	ACHARYA NAGARJUNA UNIVERSITY	Network Security, Web Application Development	04-05-2006	18.9	Asst. Professor	Professor & Head	01-07-2015	Regular	F	Y	-
2	Mr. P. Venkata Rama Raju	M.Tech, (Ph. D.)	ANDHRA UNIVERISTY	Data Mining and Machine Learning	03-12-2005	19.2	Asst. Professor	Professor	01-07-2007	Regular	F	Y	-
3	Dr. G. Ratnakanth	Ph.D.	ANNA UNIVERSITY	Deep Learning, Artificial Intelligence	26-06-2007	17.7	Asst. Professor	Professor	01-04-2023	Regular	F	Y	-
4	Dr. V. Pavan Kumar	Ph.D.	CENTURION UNIVERSITY	Software Engineering, Internet of Things, Data Science	18-10-2011	13.4	Asst. Professor	Professor	01-04-2023	Regular	F	Y	-
5	Dr. Y. Phani	Ph.D.	Acharya Nagarjuna University	Mathematics	01-07-2015	9.7	Assoc. Professor	Professor	01-04-2023	Regular	F	Y	
6	Mr. S. Sreenivasu	M.Tech, (Ph. D.)	ANDHRA UNIVERISTY	Wireless Sensor Networks and Security	13-05-2005	19.9	Asst. Professor	Assoc. Professor	01-07-2007	Regular	F	Y	-
7	Dr. A. Mohan	Ph.D.	PU	Soft Computing, Data Science,	05-07-2007	16.1	Asst. Professor	Assoc. Professor	07-10-2021	Regular	F	N	08-08-23

				Image Processing									
8	Dr. Nagendra Panini Challa	Ph.D.	SCSVMV	Machine Learning, Artificial Intelligence	30-12-2019	3.7	Asst. Professor	Assoc. Professor	01-07-2020	Regular	F	N	01-08-23
9	Dr. B. Harika	Ph.D.	OPJS	Computer Networks	28-03-2022	1.1	Assoc. Professor	Assoc. Professor	28-03-2022	Regular	F	N	10-05-23
10	Dr. K. Chandra Sekhar	Ph.D.	GITAM University	Computer vision, NLP	01-06-2023	1.5	Assoc. Professor	Assoc. Professor	-	Regular	F	N	31-10-24
11	Dr. A. Veera Raghava Rao	Ph.D.	ACHARYA NAGARJUNA UNIVERSITY	Machine Learning, Image Processing	01-02-2022	3	Assoc. Professor	Assoc. Professor	-	Regular	F	Y	-
12	Dr. S. Ravi Kumar	Ph.D.	CENTURION UNIVERSITY	Web Development, Machine Learning	23-08-2007	17.6	Asst. Professor	Asst. Professor		Regular	F	Y	-
13	Dr. K. Ramu	Ph.D.	VELS UNIVERSITY	Machine Learning, Data Science	05-08-2009	15.6	Asst. Professor	Asst. Professor		Regular	F	Y	
14	Mr. S. Ravi Chandra	M.Tech, (Ph. D.)	ANDHRA UNIVERISTY	Computer Vision, Natural Language Processing	28-04-2011	13.9	Asst. Professor	Asst. Professor		Regular	F	Y	-
15	Mr. V. Leela Prasad	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Computer Networks, Machine Learning	03-06-2013	11.8	Asst. Professor	Asst. Professor		Regular	F	Y	-
16	Mrs. M. Suma Bharathi	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Data Science, Artificial Intelligence	15-06-2015	9.8	Asst. Professor	Asst. Professor		Regular	F	Y	-
17	Mr. B. Sasi Kumar	M.Tech, (Ph. D.)	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL	Cryptography, Network Security	01-08-2016	8.6	Asst. Professor	Asst. Professor		Regular	F	Y	-

18	Ms. G. Jahnavi Deepika	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Internet Of Things, Blockchain Technology	16-11-2016	7.3	Asst. Professor	Asst. Professor		Regular	F	N	04-03-24
19	Mrs. K. Spandana	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	11-05-2017	6.10	Asst. Professor	Asst. Professor		Regular	F	N	11-03-24
20	Mrs. B. Padma	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning, Soft Computing	27-09-2019	5.4	Asst. Professor	Asst. Professor		Regular	F	Y	-
21	Mrs. B. Sri Lakshmi Devi	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Database Management System	08-02-2020	5	Asst. Professor	Asst. Professor		Regular	F	Y	-
22	Mrs. E. Prasanthi	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Computer Vision	11-02-2020	5	Asst. Professor	Asst. Professor		Regular	F	Y	-
23	Mrs. D. Grace Priyanka	M. Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Computer Networks	16-03-2020	4.11	Asst. Professor	Asst. Professor		Regular	F	Y	-
24	Mrs. Naga Sushma Bokka	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Database Management System	16-03-2020	4.4	Asst. Professor	Asst. Professor		Regular	F	N	20-07-2024
25	Mr. Ravuri Srinath	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Computer Programming, Database Management System	14-07-2020	4.7	Asst. Professor	Asst. Professor		Regular	F	Y	-
26	Ms. V. Lakshmi Tejaswi	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Computer Vision	26-03-2021	3.10	Asst. Professor	Asst. Professor		Regular	F	Y	-

27	Ms. K. Likitha	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Computer Networks	27-03-2021	3.2	Asst. Professor	Asst. Professor		Regular	F	N	06-06-2024
28	Ms. Kalyana Ramani Vatsavayi	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Network Security	19-01-2022	3.1	Asst. Professor	Asst. Professor		Regular	F	y	
29	Mr. K. Dileep Kumar	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	15-03-2022	2.11	Asst. Professor	Asst. Professor		Regular	F	Y	-
30	Mr. Ch. Tharak	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Artificial Intelligence	18-05-2022	2.9	Asst. Professor	Asst. Professor		Regular	F	Y	-
31	Mr. V.S.N. Murthy	M.Tech	ANDHRA UNIVERISTY	Cloud Computing	18-05-2022	2.9	Asst. Professor	Asst. Professor		Regular	F	Y	-
32	Mr. K. Sathya Venkatesh	M.Tech	Jawaharlal Nehru Technological University Kakinada	Machine Learning	06-07-2022	1.10	Asst. Professor	Asst. Professor		Regular	F	N	24-05-2024
33	Mr. Narayan Sharma	M.Tech	IIT Kharagpur	Machine Learning	06-07-2022	0.11	Asst. Professor	Asst. Professor		Regular	F	N	04-07-2023
34	Mrs. Ch. Raja Rajeswari	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Machine Learning	06-07-2022	2.7	Asst. Professor	Asst. Professor		Regular	F	Y	-
35	Mr. D. Srinivasa Rao	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	11-07-2022	2.7	Asst. Professor	Asst. Professor		Regular	F	Y	-
36	Mr. P.L.V.D. Ravi Kumar	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Network Security	14-07-2022	2.7	Asst. Professor	Asst. Professor		Regular	F	Y	-

37	Mr. M. Srinivasa Rao	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Deep Learning	31-01-2023	2	Asst. Professor	Asst. Professor	-	Regular	F	Y	-
38	Mr. P. Vinay	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Network Security	03.05.2023	1.9	Asst. Professor	Asst. Professor		Regular	F	Y	-
39	Ms. Y. Sabitha	M.Tech	JNTU,VIZIANAGARAM	Network Security	06-03-2023	1.11	Asst. Professor	Asst. Professor		Regular	F	Y	-
40	Mr. G. A. K. S. Rajeev Kumar	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	28-03-2023	1.10	Asst. Professor	Asst. Professor		Regular	F	Y	-
41	Mr. S. Om. Sri Sai Krishna	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Deep Learning	10-05-23	1.9	Asst. Professor	Asst. Professor		Regular	F	Y	-
42	Mr. M. Bhanu Ranga Rao	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	12-07-23	1.7	Asst. Professor	Asst. Professor		Regular	F	Y	-
43	Mrs. Y. Yesu Jyothi	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	12-07-23	1.7	Asst. Professor	Asst. Professor		Regular	F	Y	-
44	Mr. M. Raghu Chandra	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	24-07-23	1.6	Asst. Professor	Asst. Professor		Regular	F	Y	-
45	Mr. K. Lakshmaji	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	23-01-2024	1	Asst. Professor	Asst. Professor	-	Regular	F	Y	-
46	Dr. R. N. D. S. S. Kiran	Ph.D.	ACHARYA NAGARJUNA UNIVERSITY	Machine Learning	08-02-2024	1	Asst. Professor	Asst. Professor	-	Regular	F	Y	-

47	Mr. B. Yugandhar	M.Tech, (Ph. D.)	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	01-04-2024	0.10	Asst. Professor	Asst. Professor	-	Regular	F	Y	-
48	Mr. K. Rambabu	M.Tech	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	Machine Learning	03-04-2024	0.10	Asst. Professor	Asst. Professor	-	Regular	F	Y	-
49	Ms. N. Amulya	M.Tech	ANDHRA UNIVERISTY	Artificial Intelligence	07-08-2024	0.6	Asst. Professor	Asst. Professor	-	Regular	F	Y	-
50	Dr. G.Kalivaraprasanna Babu	Ph.D.	CENTRAL UNIVERSITY OF TAMILNADU	Machine Learning	20-11-2024	0.7	Asst. Professor	Asst. Professor	-	Regular	F	Y	-

C2: Student-Faculty Ratio (SFR)

- No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
  - UG1=1st UG program
  - UGn=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 (PGm):
  - 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)
UG_1. B	// 2nd year students of UG_1 program	198	198	198
UG_1. C	// 3nd year students of UG_1 program	198	198	198
UG_1. D	// 4th year students of UG_1 program	198	198	132

UG_1 // Total no.of students(2^{nd}, 3^{rd}, 4^{th}) in UG_1 program	**594**	**594**	**528**
PG_1. A // 1^{st} year students of PG_1 program	-	-	-
PG_1. B // 2^{nd} year students of PG_1 program	-	-	-
PG_1 // Total no.of students(1^{st}, 2^{nd}) in PG_1 program	**-**	**-**	**-**
DS=Total no. of students in all UG and PG programs in the Department	594	594	528
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	**594**	**594**	**528**
DF=Total no. of faculty members in the Department	39	38	35
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)	39	38	35
FF=The faculty members in F who have a 100% teaching load in the first-year courses	02	02	01
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1=16.05	SFR2=16.50	SFR3=15.53
Average SFR for 3 years	Average SFR= **16.03**		

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.
- F=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)	8	31	30	17
CAYm1 (2023-24)	6	32	30	16
CAYm2 (2022-23)	7	28	26	18

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)	4	4	7	1	20	34
CAYm1 (2023-24)	4	4	7	2	20	32
CAYm2 (2022-23)	3	1	6	6	18	28
Average Numbers	**RF1=4**	**AF1=3**	**RF2=7**	**AF2=3**	**RF3=19**	**AF3=31**

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(2023-24)				
1	Mrs. Aruna Payala	Due Diligence Associate, Wells Fargo International Solutions Technology Pvt. Ltd.	II-I: OOPS through JAVA	27
			II-II: Full Stack Application Development	28
2	Mrs. M. Mounica Devi	Software Developer, TCS	III-I: Mobile Application Development	28
			III-II: Machine Learning	26
			Total no. of hours:	**109**
CAYm2(2022-23)				
1	Mrs. Aruna Payala	Due Diligence Associate, Wells Fargo International Solutions Technology Pvt. Ltd.	II-I: Python Programming	28
			II-II: Full Stack Application Development	26
2	Mrs. M. Mounica Devi	Software Developer, TCS	III-I: Data Science	26
			III-II: Machine Learning	27
			Total no. of hours:	**107**
CAYm3(2021-22)				
1	Mrs. Aruna Payala	Due Diligence Associate, Wells Fargo International Solutions Technology Pvt.	II-I: OOPS through Java	28
			II-II: Full Stack Application Development	26

		Ltd.		
2	Mrs. M. Mounica Devi	Software Developer, TCS	III-I: Mobile Application Development	26
			III-II: Machine Learning	27
			Total no. of hours:	**107**

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
1	No. of peer reviewed journal papers published	1	4	2
2	No. of peer reviewed conference papers published	9	3	3
3	No. of books/book chapters published	11	2	0

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							
1							
..							
Amount received (Rs.)							
CAYm2							
1							
...							
Amount received (Rs.)							
CAYm3							
1							
..							
Amount received (Rs.)							
Total Amount (Lacs) Received for the Past 3 Years							

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. S. Ravi Kumar	-	IT	Examination Portal	Seven Hills College of Pharmacy	4 Months	1,50,000/-
2	Dr. D. V. Naga Raju	-	IT	Hostler's Outing App	Shri Vishnu Educatinal Society	4 Months	3,00,000/-
3	Mr. V. Leela Prasad	-	IT	Vishnu FM Website	Vishnu Radio (FM)	4 Months	2,50,000/-
						Amount received (Rs.)	**7,00,000/-**
CAYm2 (2022-23)							
1	Mr. S. Ravi Kumar	Mr. Dileep Kumar Kadali	IT	School Automation	Swarna Bharathi High School	5 Months	2,50,000/-
2	Dr. Ch. Nagendra Panini	Mr. D. Srinivasa Rao	IT	Employee Tracking System	Avalaon Software Services	4 Months	2,00,000/-
3	Dr. A. Mohan	Mr. PLVD Ravi Kumar	IT	Customer Data Maintenance	Trukker Technologies	4 Months	2,00,000/-
						Amount received (Rs.)	**6,50,000/-**
CAYm3 (2021-22)							
1	Dr. D.V. Naga Raju	-	IT	RFID-Based Vehicle Observation and alert System	Flexiware Solutions	4 Months	2,50,000/-
2	Mr. V. Pavan Kumar	-	IT	Biometric Technology to start a - Vehicle	Caterpillar	4 Months	2,50,000/-
3	Mr. G. Ratnakanth	-	IT	AR & VR Solutions for Vehicle tracking in e-Baja	E-Baja	4 Months	3,00,000/-
						Amount received (Rs.)	**8,00,000/-**
						Total amount (Lacs) received for the past 3 years	**21,50,000/-**

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 B Sasi Kumar	E-Trike	6 Months	1,65,103/-	1,65,103/-	Developed Working Model
2	Mrs B Padma	IoT Based Integrated Aquaculture Management System	5 Months	35,600/-	35,600/-	Patent Published
3	Mr PLVD Ravi Kumar	Device for Modulation Techniques	4 Months	30,700/-	30,700/-	Patent Published
4	Mr D Srinivasa Rao	Smart & Secure Vehicle Intelligent Life Monitoring System	3 Months	30,230/-	30,230/-	Paper Published
5	M Raghu Chandra	Estimating Human Life Expectancy	4 Months	45,607/-	45,607/-	Paper Published
				Amount received (Rs.)	**3,07,240/-**	
CAYm2 (2022-23)						
1	Mr B Sasi Kumar	E-Trike	6 Months	1,65,103/-	1,65,103/-	01-Working Model
2	Mr. V. Leela Prasad	Hostel Room Allotments	6 Months	25,800/-	25,800/-	Website
3	Mr. M. Srinivasa Rao	Agriculture Farming Automation using IoT	3 Months	60,500/-	60,500/-	Prototype
4	Mr. P.LVD Ravikumar	Garden Caring System	3 Months	50,670/-	50,670/-	Prototype
				Amount received (Rs.)	**3,02,073/-**	
CAYm3 (2021-22)						
1	Dr. DV Naga Raju	Healthcare systems based on IoT for Society	3 Months	50,105/-	50,105/-	Proto Type
2	Mr. S. Ravi Kumar	Minimize energy consumption in Wireless Sensor Networks	2 Months	50,100/-	50,100/-	Proto Type
3	Mr B Sasi Kumar	E-Trike	6 Months	1,65,103/-	1,65,103/-	01-Working Model
4	Dr. Nagendra Panini Challa	Safe Handling Mechanism for Plam Leaf Man Script	4 Months	65,060/-	65,060/-	Mobile App
				Amount received (Rs.)	**3,30,368/-**	
		Total amount (Lacs) received for the past 3 years			**9,39,681/-**	

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.	Cyber Craft	72	LENOVO: M70T 3 rd Generation Desktop Core i5, 16 GB RAM, 1.5 TB HDD, LED Monitor, Key Board, Mouse-(22) HP Intel Core i3 4th Generation, H81 Chipset, 8 GB RAM, 500 GB HDD, 18.5 LED Monitor, Mouse, Keyboard Model: 280G1-(10)	100%	Mr.A. Satyanara yana	Programm er	B.Sc (CS), PGDCA
2.	Cyber Sphere	72	LENOVO : M70T G4 Desktop, intel Core i5, 13 th Gen, 16 GB Ram, 512 GB HDD, LED Monitor, Key Board, Mouse-(72)	100%	Ms.G.Sind huja	Programm er	B.Tech (CSE)
3.	Advanced technology and databases Lab	71	DELL OPTIPLEX 3090 MT PC with 10th Generation Intel Core Processor i5 3.1GHZ to 4.5 GHZ, 12MD Intel UHD Graphics 630 shared system memory 16 GB RAM, 512 GB SSD Add on, 1 TB HDD/ intel Q4 70 chipset, DELL Key board, DELL Optical wired Mouse, and	100%	Mr.K.Rath aiah	Programm er	MCA

			Keyboard, DELL 22" Monitor-(60) LENOVO: M70T 3 rd Generation Desktop Core i5, 16 GB RAM, 1.5 TB HDD, LED Monitor, Key Board, Mouse-(11)				
4.	Skill Development & Mobility Lab	69	Acer Lap Tops Intel Core i5 7th Generation, 2.5 GH,16GB RAM, 500 GB HDD, HD Graphics Card, Bos Linux Preload, 14" LED Monitor, MM Key Board, Optical Mouse-(37) Intel Core i5 4th Generation, H81 Chipset, 2X 8GB RAM, 500 GB ,HD 2000 Graphics Card, Win8 Preload,18.5/19.5 LED Monitor, Mouse, Keyboard-(4)	100%	Ms.BH.Radhika	Programmer	B.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.	Cyber craft	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
2.	Project lab	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
3.	Cyber sphere	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
4.	Advanced technologies and databases Lab	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
5.	Skill Development & Mobility Lab	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
6.	Research lab	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed
7.	Center of excellence lab	• First aid kit is available in lab and the department office • Fire extinguisher is available • All electric wires protected by MCB and fuses • Electrical earthing provided • Observe good housekeeping practices Do's and Don'ts and safety measure rules are displayed

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.	Cyber Byte (Project lab)
2.	Research lab
3.	IOT LAB (Center 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 (2024-25)	1046	52	43	13	0.73
CAYm1 (2023-24)	1032	52	44	13	0.72
CAYm2 (2022-23)	987	49	43	12	0.75

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 (2024-25)	Actual expenses in CFY (2024-25)	Budgeted in CFYm1 (2023-22)	Actual Expenses in CFYm1 (2023-22)	Budgeted in CFYm2 (2022-23)	Actual Expenses in CFYm2 (2022-23)	Budgeted in CFYm3 (2021-22)	Actual Expenses in CFYm3 (2021-22)
Infrastructure Built-Up	8500000	5836325	13600000	13142381	7800000	7578803	8100000	7889432
Library	2200000	2004588	700000	649520	1850000	1694023	1350000	1329356
Laboratory equipment	50000000	48017418	63150000	61292177	29000000	27893493	17500000	16892887
Teaching and non-teaching staff salary	255000000	251588597	227500000	220898071	184000000	182771049	163000000	161591196
Outreach Programs	900000	374081	800000	458794	900000	751328	1200000	952221
R&D	6300000	6137311	5200000	5157669	5400000	5290207	4300000	4262596
Training, Placement and Industry linkage	9500000	6129256	10500000	9983394	5300000	5070981	9000000	8726081
SDGs	5500000	5179756	5000000	4870082	4200000	3922106	2500000	2421773
Entrepreneurship	300000	250121	100000	69721	75000	29011	50000	5000
Others*, pl. specify	195000000	185097322	190000000	190456345	182000000	172759932	194000000	184627590
Total amount	533200000	510614775	516550000	506978154	420525000	407761033	401000000	388698132

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 (2024-25)**	**Actual expenses in CFY (2024-25)**	**Budgeted in CFYm1 (2023-24)**	**Actual Expenses in CFYm1 (2023-24)**	**Budgeted in CFYm2 (2022-23)**	**Actual Expenses in CFYm2 (2022-23)**	**Budgeted in CFYm3 (2021-22)**	**Actual Expenses in CFYm3 (2021-22)**
Laboratory equipment	0	0	3500000	3489264	2200000	2002334	3800000	3630000
Software	780000	769493	0	0	0	0	0	0
SDGs	1000000	971204	925000	913140	850000	735395	600000	518951
Support for faculty development	2000000	1949236	1900000	1871886	1500000	1450808	1100000	969875
R & D	1150000	1135861	1000000	918871	1000000	977400	950000	878375
Industrial Training, Industry expert, Internship	350000	346899	330000	313074	330000	305439	325000	301071
Miscellaneous expenses *	38000000	37875919	41000000	40500001	34000000	33831142	33000000	32238510
Total amount	43280000	43048612	48655000	48006236	39880000	39302518	39775000	38536782