NATIONAL BOARD OF ACCREDITATION

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

Program Name : Mechanical Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 2
Application No: 11711	**Date of Submission**: 23-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: P.V.K.K. INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: Rudrampeta,
A2. Institute Address:RUDRAMPETA, SANAPA ROAD, ALAMURU (P), ANANTAPUR, ANDHRA PRADESH-515001	
City:Anantpur	State:Andhra Pradesh
Pin Code:515001	Website:www.pvkkit.ac.in
Email:principal.3n@jntua.ac.in	Phone No(with STD Code):08554-232268
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAP	City: Anantpur
State : Andhra Pradesh	Pin Code: 0
A4. Type of the Institution: Non-Autonomous (Affiliated)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **8**
- No. of PG programs: **7**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master in Computer Applications	2023	--	Computer Application
2	Engineering & Technology	PG	CAD/CAM	2014	--	Mechanical Engineering
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Design	2021	--	Computer Science and Design
5	Engineering & Technology	PG	Computer Science and Engineering	2013	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2024	--	Computer Science and Engineering
8	Engineering & Technology	PG	Digital Electronics & Communication Systems	2012	--	Electronics and Communication Engineering

9	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
10	Engineering & Technology	PG	Electrical Power Systems	2012	--	Electrical and Electronics Engineering
11	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering
12	Engineering & Technology	UG	Information Technology	2008	2009	Information Technology
13	Engineering & Technology	UG	Mechanical Engineering	2010	--	Mechanical Engineering
14	Engineering & Technology	PG	Structural Engineering	2013	--	Civil Engineering
15	Management	PG	Master of Business Administration	2009	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG

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)

No Record

PART-B: Program information

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

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/ DECREASE INTAKE (if any)	YEAR OF INCREASE/ DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Mechanical Engineering	UG	2010 / --	60	Yes	2024	60	2024	South-Central/1-44642707383/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2025	1	4

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/ DECREASE INTAKE (if any)	YEAR OF INCREASE/ DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION

Sanctioned Intake for Last Five Years for the Mechanical Engineering	
Academic Year	**Sanctioned Intake**
2025-26	60
2024-25	60
2023-24	30
2022-23	60
2021-22	60
2020-21	120

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr.L BALA SUBRAMANYAM
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and Ph.D.

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE / Competent authority)	60	60	30	60	60	120	108
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	36	28	21	19	31	78	53
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	15	13	16	35	53	30
N3=Separate division if any	0	0	0	2	3	4	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.	36	43	34	37	69	135	83

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.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]

2025-26 (CAY)	60	36	0	60.00
2024-25 (CAYm1)	60	28	0	46.67
2023-24 (CAYm2)	30	21	0	70.00

Average [(ER1 + ER2 + ER3) / 3] = 58.89≡ 8.00

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	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
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).	95.00	173.00	138.00
B=No. of students who graduated from the program in the stipulated course duration	38.00	74.00	58.00
Success Rate (SR)= (B/A) * 100	40.00	42.77	42.03

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 41.60

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(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
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)	5.91	5.89	6.04
Y=Total no. of successful students	28.00	20.00	21.00
Z=Total no. of students appeared in the examination	28.00	21.00	19.00
API [X*(Y/Z)]	5.91	5.61	6.68

Average API[(AP1+AP2+AP3)/3] : 6.07

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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)	5.98	5.95	6.27
Y=Total no. of successful students	29.00	35.00	58.00
Z=Total no. of students appeared in the examination	33.00	37.00	70.00
API [X * (Y/Z)]	5.26	5.63	5.20

Average API [(AP1 + AP2 + AP3)/3] : 5.36

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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)	5.95	6.21	5.94
Y=Total no. of successful students	33.00	56.00	127.00
Z=Total no. of students appeared in the examination	35.00	58.00	130.00

API [X*(Y/Z)]:	5.61	6.00	5.80

Average API [(AP1 + AP2 + AP3)/3] : 5.80

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	95.00	173.00	138.00
X=No. of students placed	58.00	61.00	54.00
Y=No. of students admitted to higher studies	5.00	4.00	2.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	66.32	37.57	40.58

Average Placement Index = (P_1 + P_2 + P_3)/3: 48.16 Placement Index Points:

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

Sr.No	Name of the Faculty	PAN No.	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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr.L BALA SUBRAMANYAM	XXXXXXX88M	M.Tech and Ph.D.	S.V. University	Alternate Fuels	01/07/2014	11.8	Associate Professor	Professor	08/11/2022	Regular	Yes		Yes
2	Dr. K MANOHAR REDDY	XXXXXXX20E	M.Tech and Ph.D.	JNTUA	Polymer Composite Material	02/07/2014	11.8	Associate Professor	Professor	07/05/2022	Regular	Yes		No
3	Dr. Y SANTHOSH KUMAR REDD	XXXXXXX60N	M.Tech and Ph.D.	JNTU A	OT	28/03/2016	9.11	Professor	Professor	28/03/2016	Regular	Yes		No
4	Dr. K.R YELLU KUMAR	XXXXXXX29Q	M.Tech and Ph.D.	NIT Srinagar	Thermal science	01/07/2021	4.8	Assistant Professor	Associate Professor	04/04/2024	Regular	Yes		No
5	DR.K.KIRAN KUMAR RAO	XXXXXXX93K	M.Tech and Ph.D.	Reva University Bangalore	Machine Design	09/07/2024	1.8	Professor	Professor	09/07/2024	Regular	Yes		No
6	Dr.H.S.ANANTHA PADMANABHA	XXXXXXX17B	M.Tech and Ph.D.	VIT-AP	Alternate Fuels	02/07/2025	0.8	Associate Professor	Associate Professor	02/07/2025	Regular	Yes		No

7	NADADUR KARTHIKEYAN	XXXXXXX93E	M.Tech	JNTU -H	AMS	22/09/2014	11.5	Assistant Professor	Assistant Professor		Regular	Yes		No
8	N SREENIVASULU	XXXXXXX57D	M.Tech	JNTU A	AIC Engines	02/07/2018	7.8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	N GOVINDA RAJULU	XXXXXXX83M	M.Tech	JNTU A	R &AC	07/12/2019	6.3	Assistant Professor	Assistant Professor		Regular	Yes		No
10	K SURESH	XXXXXXX10Q	M.Tech	JNTUA	CAD/CAM	06/06/2018	7.9	Assistant Professor	Assistant Professor		Regular	Yes		No
11	G VANI PRATHIBA	XXXXXXX55Q	M.Tech	JNTUH	Thermal Engg.	20/07/2018	7.7	Assistant Professor	Assistant Professor		Regular	Yes		No
12	C.SURESH	XXXXXXX72L	M.Tech	M.Tech	AMS	09/08/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	D.MADHU SREE	XXXXXXX64G	M.Tech	JNTU A	Product Design	18/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
14	P RAMU	XXXXXXX38E	M.Tech	JNTUA	Energy Systems	20/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
15	K BABY VATSALA	XXXXXXX07D	M.Tech	JNTUA	CAD/CAM	01/07/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
16	G VENKATESULU	XXXXXXX35D	M.Tech	JNTUA	R&AC	03/07/2017	8.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	C RAVISHANKAR KUMAR	XXXXXXX26H	M.Tech	JNTUA	CAD/CAM	10/07/2018	7.8	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Y RAMMOHAN	XXXXXXX64E	M.Tech	JNTUA	Machine Design	21/12/2019	6.2	Assistant Professor	Assistant Professor		Regular	Yes		No
19	T.GIRIKESAVA	XXXXXXX94E	M.Tech	JNTUA	CAD/CAM	09/11/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
20	K.SUBAHAN	XXXXXXX96M	M.Tech	JNTUA	TSES	07/08/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr.A.SRIKANTH A GOWD	XXXXXXX37P	M.Tech and Ph.D.	JNTUH	Thermal Engg.	05/07/2018	6.4	Professor	Professor		Regular	No	30/11/2024	No
22	Dr. D. HARSHAVARDH AN	XXXXXXX85N	M.Tech and Ph.D.	JNTUA	Polymer Composite Materials	06/12/2018	6.6	Professor	Professor	06/12/2021	Regular	No	30/06/2025	No
23	S JITHENDRA NAIK	XXXXXXX59L	M.Tech	JNTUA	R&AC	23/12/2011	13.1	Assistant Professor	Assistant Professor		Regular	No	03/02/2025	No
24	S PRANAVI	XXXXXXX63K	M.Tech	S.V. University	IE	01/07/2019	5.5	Assistant Professor	Assistant Professor		Regular	No	30/11/2024	No
25	C TRIVENI	XXXXXXX29L	M.Tech	JNTUA	AMS	21/07/2018	6.4	Assistant Professor	Assistant Professor		Regular	No	14/12/2024	No
26	G SUDHEER KUMAR	XXXXXXX71B	M.Tech	JNTUA	CAD/CAM	08/04/2020	4.7	Assistant Professor	Assistant Professor		Regular	No	18/11/2024	No

27	M HARI PRIYA	XXXXXXX37F	M.Tech	JNTUA	CAD/CAM	06/01/2014	10.10	Assistant Professor	Assistant Professor		Regular	No	27/11/2024	No
28	V SIDDALINGAPPA	XXXXXXX13M	M.Tech	JNTUA	AMS	29/07/2022	1.11	Assistant Professor	Assistant Professor		Regular	No	10/07/2024	No
29	B.MADAN GOPAL	XXXXXXX28M	M.Tech	JNTUA	CAD/CAM	07/02/2020	4.9	Assistant Professor	Assistant Professor		Regular	No	18/11/2024	No
30	S MADHAVI	XXXXXXX22P	M.Tech	JNTUA	AMS	24/09/2016	8.2	Assistant Professor	Assistant Professor		Regular	No	27/11/2024	No
31	V MANUNATHA REDDY	XXXXXXX12K	M.Tech	JNTUH	CAD/CAM	01/06/2020	4.6	Assistant Professor	Assistant Professor		Regular	No	04/12/2024	No
32	B.BHARGAVA	XXXXXXX96E	M.Tech	JNTUA	CAD/CAM	01/06/2020	4.6	Assistant Professor	Assistant Professor		Regular	No	04/12/2024	No
33	G HANUMANTHU	XXXXXXX49F	M.Tech	JNTUA	Thermal Engg.	01/06/2023	0.10	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
34	T. OBULESU	XXXXXXX98B	M.Tech	JNTUA	CAD/CAM	10/07/2020	3.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
35	B. MONIKA	XXXXXXX88E	M.Tech	JNTUA	AMS	20/07/2018	5	Assistant Professor	Assistant Professor		Regular	No	25/07/2023	No
36	K.VISWANATH	XXXXXXX34E	M.Tech	JNTUA	CAD/CAM	15/06/2019	4.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
37	D R MADHURI	XXXXXXX51B	M.Tech	JNTUA	CAD/CAM	20/07/2018	5.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
38	A.SANGAPPA	XXXXXXX17P	M.Tech	VTU-BELAGAVI	Machine Design	07/06/2021	2.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No

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

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):
PG1=1st PG program.
PGm=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)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1
Table No.C2.1: Student-faculty ratio.

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	33	66
UG1.C	33	66	66
UG1.D	66	66	132
UG1: Mechanical Engineering	**165**	**165**	**264**
PG1.A	24	24	24
PG1.B	24	24	24
PG1: CAD/CAM	**48**	**48**	**48**
DS=Total no. of students in all UG and PG programs in the Department	213	213	312
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)	**S1=** 213	**S2=** 213	**S3=** 312
DF=Total no. of faculty members in the Department	20	17	31
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)	**F1=** 20	**F2=** 17	**F3=** 31
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	4	4
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 13.31**	**SFR2= 16.38**	**SFR3= 11.56**
Average SFR for 3 years	**SFR= 13.75**		

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	FQ = 2.5 x [(10X + 4Y) / RF)]
2025-26(CAY)	6	14	10.00	29.00
2024-25(CAYm1)	6	11	10.00	26.00
2023-24(CAYm2)	5	26	15.00	25.67

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 RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3

2025-26	1.00	4.00	2.00	2.00	7.00	14.00
2024-25	1.00	5.00	2.00	1.00	7.00	11.00
2023-24	1.00	5.00	3.00	0.00	10.00	26.00
Average	RF1=1.00	AF1=4.67	RF2=2.33	AF2=1.00	RF2=8.00	AF2=17.00

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.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr T. Jayapal Reddy	Senior Design and Developer	sciverse solutions pvt ltd	Thermodynamics	27.00
2	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Metrology and Measurements	27.00
3	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Fluid Mechanics & Hydraulic Machinery	27.00
4	Dr T. Jayapal Reddy	Senior Design and Developer	sciverse solutions pvt ltd	Finite Element Methods	27.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr T. Jayapal Reddy	Senior Design and Developer	sciverse solutions pvt ltd	Thermodynamics	27.00
2	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Metrology and Measurements	27.00
3	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Fluid Mechanics & Hydraulic Machinery	27.00
4	Dr T. Jayapal Reddy	Senior Design and Developer	sciverse solutions pvt ltd	Finite Element Methods	27.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr T. Jayapal Reddy	Senior Design and Developer	sciverse solutions pvt ltd	CAD/CAM	5.00
2	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Metrology and Measurements	5.00
3	Mr Krishna Reddy	Assistant Manager at Ultra Tech	Ultra Tech	Manufacturing process	5.00
4	Mr K Siva Kumar	Principal Scientist	CSIR Bangalore	Heat Transfer	5.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	22	5	0
2	No. of peer reviewed conference papers published	0	0	1
3	No. of books/book chapters published	2	0	5

C7. Sponsored Research Project

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

(CAYm1)

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) i.e. 15,25,000=15.25
Dr. L. Balasubramanyam	N.karthikeyan	Mechanical, PVKK IT	Remodelling	Sri Balaji educational society	5 months	100000.00
						Amount received (Rs.):100000.00

(CAYm2)

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) i.e. 15,25,000=15.25
Dr. L. Balasubramanyam	C. Triveni	Mechanical, PVKK IT	Development of E-Tractor	M&A Constructions	12 Months	150000.00
						Amount received (Rs.):150000.00

(CAYm3)

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) i.e. 15,25,000=15.25
Dr. L. Balasubramanyam	C. Triveni	Mechanical, PVKK IT	Development of E-Tractor	M&A Constructions	12 Months	200000.00
						Amount received (Rs.):200000.00

Total Amount (Lacs) Received for the Past 3 Years: 450000.00

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

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) i.e. 15,25,000=15.25
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Online Exams	SAN PRINTS	03 months	100000.00
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Fabrication of Chairs & Stools	Sri Sai Engineering works	06 Months	100000.00
						Amount received (Rs.):200000.00

(CAYm2)

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) i.e. 15,25,000=15.25
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Fabrication of Chairs & Stools	Sri Sai Engineering works	05 Months	100000.00
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Online Exams	SAN PRINTS	03 Months	110000.00
						Amount received (Rs.):210000.00

(CAYm3)

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) i.e. 15,25,000=15.25
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Fabrication of Chairs & Stools	Sri Sai Engineering works	06 Months	100000.00
Dr.B.Ramesh Babu	Dr.L. Balasubramanyam	Mechanical, PVKKIT	Online Exams	SAN PRINTS	03 months	115000.00
						Amount received (Rs.):215000.00

Total amount (Lacs) received for the past 3 years: 625000.00

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

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.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
N. Karthikeyan	Development and Characterization of Sustainable materials	12 Months	125000.00	125000.00	A sustainably sourced material with proven mechanical and environmental performance, validated through characterization techniques.
C. Suresh	Design Analysis Fabrication of Composite Wind turbine Blade	12 Months	125000.00	125000.00	Successful development and validation of a lightweight, high-strength composite wind turbine blade with optimized aerodynamic performance.
			Amount received (Rs.): 250000.00		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
N. Karthikeyan	Development and Characterization of biodegradable Materials for Packing Application	06 Months	125000.00	105000.00	Development of a biodegradable packaging material with adequate mechanical strength and confirmed environmental degradability.
			Amount received (Rs.): 125000.00		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
D.Harshavardhan	Development of an Industrial Safety Helmet for Worker Protection	06 months	125000.00	125000.00	Design and fabrication of a high-impact-resistant safety helmet that enhances worker protection and comfort.
			Amount received (Rs.): 125000.00		

Total amount (Lacs) received for the past 3 years : 500000.00

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.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Engineering Workshop	35	Bench Vice, Hacksaw Frame,Carpentry Work Bench,Forge (Furnace),Arc Welding Machine,Hand	CSE,ECE,EEE	Mr.G.Mukesh Kumar	Lab Technician	ITI
2	Dynamics Lab	30	Kinematic of Four Bar,Slider Crank,Double Crank, Double Rocker, Oscillating Cylinder Mechanism,	MECHANICAL	Mr.Md.Rafeeq	Lab Technician	Diploma
3	Material Science Laboratory	30	Standard sample set, Dual Disc Polisher, Muffle Furnace, Binocular Metallurgical	MECHANICAL	Mr.E.Nagesh	Lab Technician	ITI
4	Manufacturing Technology Lab	30	Spot Welding Machine, Injection Moulding Machine, With Heater & Reg, Mechanical Fly Press With Wheel	MECHANICAL	Mr.P Firoz Khan	Lab Technician	ITI
5	Heat Transfer Lab	30	Thermal Conductivity of given metal rod, Heat transfer in forced convection apparatus Heat transfer in natural	MECHANICAL	Mr.Md.Rafeeq	Lab Technician	Diploma
6	Thermal Engineering Lab	30	I.C. Engines Valve / Port Timing Diagrams, I.C. Engines Performance Test(4 -Stroke Diesel Engines)	MECHANICAL	Mr.Md.Rafeeq	Lab Technician	Diploma
7	Metrology & Measurements Lab	30	vernier callipers (0-150)mm, vernier callipers (0-200)mm, SINE BARS – 200 MM (Indian made),	MECHANICAL	Mr.E.Nagesh	Lab Technician	Diploma
8	Machine Tools Lab	30	Lathe machine 4.5 feet (including all accessories), Slotting machine (including all accessories), Shaping	MECHANICAL	Mr.P Firoz Khan	Lab Technician	ITI
9	Instrumentation & Control systems Lab	30	Pressure measurement, Temperature measurement, LVDT trainer module, Strain measurement,	MECHANICAL	Mr.E.Nagesh	Lab Technician	ITI

10	Mechanics of Solids lab	30	Utm, Shear Test Attachment, Rockwell Hardness Cum Brinell Hardness Test, Impact Testing Machine, Torsion Testing Machine	MECHANICAL	Mr.Md.Rafeeq	Lab Technician	Diploma
11	Fluid Mechanics & Hydraulic Machinery Lab	30	Impact of Jet Vane, Tubine Flow Meter, Single Stage Centri Fugal Pump, Multi- Stage Centri Fugal Pump, Reciprocating Pump, Venturi Meter And Orifice Meter	MECHANICAL	Mr.Md.Rafeeq	Lab Technician	Diploma
12	3D PP Lab	30	FDM, Streo lithiography	MECHANICAL	Mr.G.Mukesh Kumar	Lab Technician	ITI
13	Industrial Automation Lab	30	PLCs, SCADA Systems, Distributed control system, Servo Motor Drives, Pnuematic Trainer Kits, Hydraulic Trainer kits	MECHANICAL	Mr.E Nagesh	Lab Technician	ITI

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Engineering Workshop.	Fire Extinguisher, First Aid Box.
2	Material Science & Engineering Lab	Fire Extinguisher, First Aid Box.
3	Manufacturing Technology Lab	Fire Extinguisher, First Aid Box.
4	Heat Transfer Lab	Fire Extinguisher, First Aid Box.
5	Thermal Engineering Lab	Fire Extinguisher, First Aid Box.
6	Metrology And Measurements Lab	Fire Extinguisher, First Aid Box.
7	Machine Tools Lab	Fire Extinguisher, First Aid Box.

8	Mechanics of Solids Lab	Fire Extinguisher, First Aid Box.
9	Fluid Mechanics & Hydraulic Machinery Lab	Fire Extinguisher, First Aid Box.
10	CAD / CAM	Fire Extinguisher, First Aid Box.
11	Dynamics Lab	Fire Extinguisher, First Aid Box.
12	3D Printing Lab	Fire Extinguisher, First Aid Box.
13	Industrial Automation Lab	Fire Extinguisher, First Aid Box.

D3. Project Laboratory/Research Laboratory

PART E: First 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))/RF
2023-24(CAYm2)	480	24	22	20	90
2024-25(CAYm1)	840	42	32	22	71
2025-26(CAY)	840	42	40	27	89

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	3500000	3344694	4200000	3970172	9000000	8544247	7500000	7317975
Library	1600000	1503753	1400000	1332343	1200000	1183757	1200000	1105478
Laboratory equipment	9700000	9674991	7700000	7348075	6000000	5535637	1450000	1291671
Teaching and non-teaching staff salary	157500000	154531703	140000000	134987227	100000000	97286777	95000000	93558300
Outreach Programs	2300000	2212375	1100000	1002340	900000	855770	1800000	1716821
R&D	2200000	2176335	1600000	1543568	1500000	1383000	1300000	1276850
Training, Placement and Industry linkage	4100000	4008484	2500000	2397997	2200000	2105065	3200000	3084914
SDGs	14500000	14324112	12000000	11682300	9000000	8549721	7100000	6935651
Entrepreneurship	350000	334500	300000	267300	300000	272500	400000	382500
Others, specify	70150000	69067799	67800000	64993970	60900000	59217233	43700000	39997987
Total	**265900000**	**261178746**	**238600000**	**229525292**	**191000000**	**184933707**	**162650000**	**156668147**

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	380000	372380	300000	265164	450000	391050	550000	508100
Software	0	0	0	0	0	0	0	0
SDGs	600000	589500	450000	445800	650000	628500	650000	638650
Support for faculty development	70000	66510	100000	94510	40000	36680	30000	29400
R & D	100000	98500	60000	55700	100000	97780	200000	196540
Industrial Training, Industry expert, Internship	300000	292000	170000	147873	300000	284435	250000	243650
Miscellaneous Expenses*	50000	46500	35000	31894	25000	22144	30000	27590

Total	**1500000**	**1465390**	**1115000**	**1040941**	**1565000**	**1460589**	**1710000**	**1643930**