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**: 1
Application No: 11673	**Date of Submission**: 13-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: P.E.S. COLLEGE OF ENGG.	
Year of Establishment : 1962, 1994	Location of the Institute: mandya
A2. Institute Address:NIL	
City:MANDYA	State:Karnataka
Pin Code:571401	Website:www.pescemandya.org
Email:PRINCIPAL@PESCE.AC.IN	Phone No(with STD Code):08232-220043
A3. Name and Address of the Affiliating University (if any):	
Name of the University : VISVESWARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM 590018	City: Mandya
State : Karnataka	Pin Code: 571401
A4. Type of the Institution: Government Aided Institute	
A5. Ownership Status: Government Aided	

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

- No. of UG programs: **11**
- No. of PG programs: **4**

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 of Computer Application	1992	--	Computer Application
2	Engineering & Technology	UG	Civil Engineering	1962	--	Civil Engineering
3	Engineering & Technology	PG	Computer Aided Design of Structures	2002	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Business Systems	2023	--	Computer Science and Business System
5	Engineering & Technology	UG	Computer Science and Engineering	1983	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2022	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
7	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2023	--	Computer Science and Engineering (Data Science)

8	Engineering & Technology	UG	Electrical & Electronics Engineering	1962	--	Electrical and Electronics Engineering
9	Engineering & Technology	UG	Electronics & Communication Engineering	1967	--	Electronics and Communication Engineering
10	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2025	--	Electronics and Communication Engineering
11	Engineering & Technology	UG	Information Science & Engineering	2000	--	Information Science and Engineering
12	Engineering & Technology	UG	Mechanical Engineering	1962	--	Mechanical Engineering
13	Engineering & Technology	UG	Robotics and Artificial Intelligence	2025	--	Robotics and Artificial Intelligence
14	Engineering & Technology	PG	VLSI & Embedded Systems	2012	--	Electronics and Communication 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
Information Science and Engineering	Yes	Information Science & Engineering	UG
Mechanical Engineering	Yes	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)

Allied Department/Cluster Name	Program Name	Program Level
Robotics and Artificial Intelligence	Robotics and Artificial Intelligence	UG

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	1962 / --	120	Yes	2022	120	2022	F. No. South-West/1-10975437566/2022/EOA Dated:03-07-2022	Granted accreditation for 3 years for the period (specify period)	2023	2026	4	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	120
2024-25	120
2023-24	120
2022-23	120
2021-22	180
2020-21	180

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	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 ACCREDITE
1	Robotics and Artificial Intelligence	Robotics and Artificial Intelligence	UG	2025 / --	60	No	NA	60	2025	F. No. South-West/1-44642957179/2025/EOA Dated:07-04-2025	Not eligible for accreditation	--	--	0

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

A. Name of the HoD :	Dr. M.R. Srinivasa
B. Nature of appointment:	Regular
C. Qualification:	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)	120	120	120	120	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	109	82	63	44	77	79	123

N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	48	66	87	66	64	41
N3=Separate division if any	0	0	3	1	1	1	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	6	6	6	6	9	9	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	115	136	138	138	153	153	173

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)	120	109	6	95.83
2024-25 (CAYm1)	120	82	6	73.33
2023-24 (CAYm2)	120	63	6	57.50

Average [(ER1 + ER2 + ER3) / 3] = 75.55≡ 14.00

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).	246.00	244.00	221.00
B=No. of students who graduated from the program in the stipulated course duration	126.00	118.00	138.00
Success Rate (SR)= (B/A) * 100	51.22	48.36	62.44

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 54.01

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)	5.21	4.31	4.86
Y=Total no. of successful students	75.00	65.00	48.00
Z=Total no. of students appeared in the examination	88.00	69.00	50.00
API [X*(Y/Z)]	4.44	4.06	4.67

Average API[(AP1+AP2+AP3)/3] : 4.39

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)	4.34	4.50	4.99

Y=Total no. of successful students	124.00	118.00	136.00
Z=Total no. of students appeared in the examination	131.00	135.00	149.00
API [X * (Y/Z)]	4.11	3.93	4.55

Average API [(AP1 + AP2 + AP3)/3] : 4.20

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)	4.90	5.14	5.67
Y=Total no. of successful students	115.00	128.00	140.00
Z=Total no. of students appeared in the examination	118.00	136.00	147.00
API [X*(Y/Z)]:	4.78	4.84	5.40

Average API [(AP1 + AP2 + AP3)/3] : 5.01

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	246.00	244.00	221.00
X=No. of students placed	118.00	116.00	135.00
Y=No. of students admitted to higher studies	0.00	1.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	47.97	47.95	61.09

Average Placement Index = (P_1 + P_2 + P_3)/3: 52.34 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 .S. Ghanaraja	XXXXXXX64N	Ph.D	IITR	Nano-Composites	09/07/2003	22.8	Assistant Professor	Professor	20/01/2011	Regular	Yes		No

2	Dr. Rudresh Addamani	XXXXXXX74G	Ph.D	VTU	Welding, Acoustic Emission, Machine Vision	02/07/2009	16.8	Assistant Professor	Professor	01/07/2020	Regular	Yes		No
3	Dr. Mahendra Babu K.J.	XXXXXXX41J	Ph.D	VTU	Thermal Engineering	26/04/1995	30.10	Lecturer	Professor	13/01/2020	Regular	Yes		No
4	Mr. Ganapathy Bawge	XXXXXXX61H	M.Tech	VTU	Maintenance Engineering	05/08/2003	22.7	Lecturer	Associate Professor	05/08/2017	Regular	Yes		No
5	Dr. M.R. Srinivasa	XXXXXXX50Q	Ph.D	VTU	Machine Design	14/12/2007	18.2	Lecturer	Associate Professor	20/10/2022	Regular	Yes		Yes
6	Dr. S.V. Anil Kumar	XXXXXXX51J	Ph.D	Anna University	Joining Composite Materials	15/02/2008	18	Lecturer	Associate Professor	20/10/2022	Regular	Yes		No
7	Mr. V.C. Chandra shekara	XXXXXXX16M	M.Tech	NITK	Materials Engg	14/02/2008	18	Lecturer	Assistant Professor		Regular	Yes		No
8	Mr. T.M. Devegowda	XXXXXXX93M	M.Sc. (Engineering)	Mysore	SE	14/02/2008	18	Lecturer	Assistant Professor		Regular	Yes		No
9	Dr. Mohammedrafi. H. Kerur	XXXXXXX69P	Ph.D	VTU	Tribology (Fluid film Bearing)	08/06/2009	16.8	Lecturer	Assistant Professor		Regular	Yes		No
10	Dr. Sadashiva M.	XXXXXXX11C	Ph.D	JNTU	Composite Materials, Friction Stir Welding	28/01/2014	12.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr. Pavan K.N.	XXXXXXX94L	Ph.D	VTU	Thermal Engineering	11/12/2017	8.2	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Dr. Gurupavan H.R	XXXXXXX09B	Ph.D	VTU	Condition Monitoring, Vision System, Composite Material	06/08/2013	12.7	Assistant Professor	Associate Professor	11/01/2025	Regular	Yes		No
13	Dr. Rupesh S	XXXXXXX86R	Ph.D	NITC	Biomass Gasification	17/08/2020	5.6	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Dr. C.K. Vikram	XXXXXXX77P	Ph.D	VTU	Flow past cylinders in computational fluid dynamics.	13/09/2007	18.5	Lecturer	Assistant Professor		Regular	Yes		No
15	Dr. S.Raghavendra	XXXXXXX06C	Ph.D	VTU	Computer-integrated manufacturing	02/02/2012	14.1	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. Syed Imran Ali	XXXXXXX87Q	M.Tech	VTU	Computer-integrated manufacturing	13/08/2012	13.6	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. Somashekar B.R.	XXXXXXX18R	M.Tech	VTU	Thermal Engineering	04/02/2015	11.1	Assistant Professor	Assistant Professor		Regular	Yes		No

18	Mr. Doddaswamy V	XXXXXXX91Q	M.Tech	VTU	Machine Design	24/07/2015	10.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Dr. Lakshmi Narasimha Murthy H.R.	XXXXXXX39M	Ph.D	VTU	Composites	01/08/2019	6.6	Assistant Professor	Assistant Professor		Regular	No	11/02/2026	No
20	Mr. Avinash M	XXXXXXX09H	M.Tech	VTU	Computer Integrated Engineering	01/10/2020	5.5	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr. Srikanth Shekar K C	XXXXXXX52B	Ph.D	VTU	Thermal Engineering	05/10/2020	5.5	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. Anand K	XXXXXXX15M	M.Tech	VTU	Thermal Power Engineering	01/10/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Dr. H M Nanjundaswamy	XXXXXXX36L	Ph.D	IITR	Production Engineering	01/01/2001	25	Professor	Professor	13/11/2010	Regular	No	13/01/2026	No
24	Mr. M Sreenivasa	XXXXXXX03C	M.Sc. (Engineering)	VTU	Composites	03/03/2010	16	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. Hemanth M	XXXXXXX02V	M.Tech	VTU	Machine Design	04/10/2021	3.9	Assistant Professor	Assistant Professor		Regular	No	26/07/2025	No
26	Mr. Abdul Raheem	XXXXXXX46R	M.Tech	VTU	Production Engineering	16/10/2021	3.9	Assistant Professor	Assistant Professor		Regular	No	26/07/2025	No
27	Dr. Madhusudana C K	XXXXXXX10F	Ph.D	NITK	Condition monitoring, Dynamics and Mechanical Vibrations	01/01/2021	4.7	Assistant Professor	Assistant Professor		Regular	No	02/08/2025	No
28	Mr. Sukruth Sagar B P	XXXXXXX67E	M.Tech	VTU	Machine Design	13/07/2017	6.10	Assistant Professor	Assistant Professor		Regular	No	14/05/2024	No
29	Mr. Santhosh V	XXXXXXX42L	M.Tech	VTU	Production Engineering (Tool Engineering)	07/10/2021	3.9	Assistant Professor	Assistant Professor		Regular	No	26/07/2025	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 Department0

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

Description	**CAY(2025-26)**	**CAYm1 (2024-25)**	**CAYm2 (2023-24)**
UG1.B	132	132	132
UG1.C	132	132	198
UG1.D	132	198	198
UG1: Mechanical Engineering	**396**	**462**	**528**
UG2.B	0	0	0
UG2.C	0	0	0
UG2.D	0	0	0
UG2: Robotics and Artificial Intelligence	**0**	**0**	**0**
DS=Total no. of students in all UG and PG programs in the Department	396	462	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)	**S1=** 396	**S2=** 462	**S3=** 528
DF=Total no. of faculty members in the Department	22	28	29
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=** 22	**F2=** 28	**F3=** 29
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= 22.00**	**SFR2= 19.25**	**SFR3= 21.12**
Average SFR for 3 years	**SFR= 20.79**		

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)	12	10	19.00	21.05
2024-25(CAYm1)	14	14	23.00	21.30
2023-24(CAYm2)	14	15	26.00	19.23

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	2.00	3.00	4.00	3.00	13.00	16.00
2024-25	2.00	4.00	5.00	2.00	15.00	22.00
2023-24	2.00	4.00	5.00	2.00	17.00	23.00
Average	RF1=2.00	AF1=3.67	RF2=4.67	AF2=2.33	RF2=15.00	AF2=20.33

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	Mr. Amarpreet	Design Engineer	Skill Lync, Chennai-600097	Automotive Plastic Design using CATIA V5, Sheet metal design using CATIA V5	60.00
2	Mr. Muthanna	Trainee, Audaz Ventures Pvt Ltd.	AUDAZ , Audaz Ventures Pvt Ltd., #33, Sai lotus 2nd floor, RR Nagar, Bangalore-560098	Employability Enhancement Skill -V/VI	90.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Prabhu Churi	Project Manager	HCL Tech, Bangalore	Production management	52.00
2	Mr. Sharath Anand S	Manager-Engineering	Collins Aerospace, Bangalore	Finite Element Methods	52.00
3	Mr. Amar Preet	Design Engineer	Skill LYNC Chennai-600097	Design of mechanical components using CATIA software	84.00
4	Mr. Prasanna Venktesha R	Project Engineer	Skill LYNC Chennai-600097	Hypermesh for FEA, Sheet metal and plastic applications	36.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Asgar Pasha	Trainee, Audaz Ventures Pvt Ltd.	AUDAZ , Audaz Ventures Pvt Ltd., #33, Sai lotus 2nd floor, RR Nagar, Bangalore-560098	Employability Enhancement Skill -IV	90.00
2	Mrs. Meghana	Trainee, Audaz Ventures Pvt Ltd.	AUDAZ , Audaz Ventures Pvt Ltd., #33, Sai lotus 2nd floor, RR Nagar, Bangalore-560098	Communicative English- I/II	60.00

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	5	13	12
2	No. of peer reviewed conference papers published	14	10	11
3	No. of books/book chapters published	3	0	3

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. Sadashiva M	Dr. Srinivasa M R	Dept. of ME	Sugarcne Bagasse Waste Management	Dept. of IT,BT and S&T, GoK	1 Year	130000.00
Dr. Srikanth Shekhar	Dr. P A Prashanth	Dept. of ME	Eco Friendly Pliant	Dept. of IT,BT and S&T, GoK	1 year	170000.00
Bhavya D	Dr. Sadashiva M	Dept. of ME	Smart Solid Waste Management System using Machine Learning on social IoT	Dept. of IT,BT and S&T, GoK	1 year	187500.00
Dr. S Ghanaraja	Ganapathy Bawge	Dept. of ME	Portable coffee Harvester	Dept. of IT,BT and S&T, GoK	1 year	160000.00
Dr. Mohammad Rafi H Kerur	Dr. Srinivasa M R	Dept. of ME	Design and fabrication of Smart Wheel Chair with voice Control for Physically Challenged People	Dept. of IT,BT and S&T, GoK	1 year	155000.00
T M Devegowda	Dr. Raghavendra S	Dept. of ME	Multi Speed Transmission Engine with Artificial Sound	Dept. of IT,BT and S&T, GoK	1 year	100000.00
						Amount received (Rs.):902500.00

(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. Srinivasa M R			Smart solid waste management system using machine learning on social IoT	New Age Innovation Network (NAIN) Goverment of Karnataka	1 Year	187500.00
Dr. Madhusudhana C K	Dr. K M Jagadisha	Dept. of ME	Study of Dynamic Stability and Effect of Vehicular Parameters on Road Fatalities of Indian Light Motor vehicles	VTU, Belagavi, Karnataka Under RGS 2021 Scheme	2 Years	1000000.00
						Amount received (Rs.):1187500.00

(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. Sadashiva M	Dr. Srinivasa M R	Dept. of ME	A novel method to form the inter metallics in aluminum metal matrix composite while Friction stir processing and welding	AICTE-RPS	3 Years	1876000.00
Dr. Madhusudhana C K	Dr. K M Jagadisha	Dept. of ME	Study of Dynamic Stability and Effect of Vehicular Parameters on Road Fatalities of Indian Light Motor vehicles	VTU, Belagavi, Karnataka Under RGS 2021 Scheme	2 Years	1000000.00
Dr. S Ghanaraja		Dept. of ME	Development of Functionally Graded Hybrid Fibre Reinforced Green Composite sheets for Rural Housing Applications	VTU, Belagavi, Karnataka Under RGS 2021 Scheme	2 Years	1000000.00
						Amount received (Rs.):3876000.00

Total Amount (Lacs) Received for the Past 3 Years: 5966000.00

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)

(CAYm2)

(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. Srinivasa M R	Dr. Gurupavan H R	Commisioner City Muncipal Council Mandya	Thirty party inspection of trailors	Commisioner City Muncipal Council Mandya	16/07/2022	16262.00
Dr. Srinivasa M R	Dr. Gurupavan H R	Commisioner City Muncipal Council K R Pet	Third party inspection of weed cutters- 2 No.s, Sanitary Napkin pad Incenerators-5 No.s.	Commisioner City Muncipal Council K R Pet	07/07/2022	19022.00
Dr. Srinivasa M R	Dr. Gurupavan H R	Commisioner City Muncipal Council K R Pet	Third party inspection of Fogging machine-1 No.	Commisioner City Muncipal Council K R Pet	08/07/2022	13576.00
Dr. Srinivasa M R	Dr. Gurupavan H R	Commisioner City Muncipal Council Mandya	Thirty party inspection of tractor and trailor -2 no.s each	Commisioner City Muncipal Council Mandya	08-08-2022 & 12-09-2022	23057.00
Dr. Srinivasa M R	Dr. Gurupavan H R	Commisioner City Muncipal Council Mandya	Supplying, Installing and Commissioning of 60mm, 35mm and 4mm-3 Stage Screener With Hopper and Conveyer System to CMC Mandya, Mandya District.	Commisioner City Muncipal Council Mandya	03/08/2022, 04/08/2022, 26/08/2022 29/08/2022	53295.00
Dr. Srinivasa M R		Commisioner City Muncipal Council Mandya	Supply of mini Escavator suitable for drain desilting, claening and solid waste management at CMC Mandya limits.	Commisioner City Muncipal Council Mandya	21/03/2023	27376.00
Dr. Srinivasa M R		Chief officer, TMC, Pandavapura	Stainless Steel Commercial Twin Litter Bins	Chief officer, TMC, Pandavapura	21/09/2022	24384.00
Dr. Srinivasa M R	Dr. Gurupavan H R	Chief officer, TMC, Malavalli	AUTO MOUNTED MAN HOLE DE-SILTING MACHINE	Chief officer, TMC, Malavalli	22/07/2022	27140.00
Dr. Srinivasa M R		CHIEF OFFICER TOWN MUNCIPAL COUNCIL, NAGAMANGALA	STAINLESS STEEL COMMERCIAL TWIN LITTER BINS	CHIEF OFFICER TOWN MUNCIPAL COUNCIL, NAGAMANGALA	10/08/2022	16411.00
Dr. Srinivasa M R		CHIEF OFFICER TOWN MUNCIPAL COUNCIL, NAGAMANGALA	AUTO MOUNTED MAN HOLE DE-SILTING MACHINE	CHIEF OFFICER TOWN MUNCIPAL COUNCIL, NAGAMANGALA	14/07/2022	27140.00
Dr. Srinivasa M R		Chief officer, TMC, Malavalli	Supply and installation of Auto Mounted Fogging Machine	Chief officer, TMC, Malavalli	07/02/2023	12095.00
Dr. Srinivasa M R		Chief officer, TMC, Pandavapura	Supplying and Installation of Sanitary Napkins Incinerator Machine with Smoke Control Unit	Chief officer, TMC, Pandavapura	04/02/2023	14160.00
Dr. Srinivasa M R		(DUDC), Mandya and Town Municipal Council (TMC), Sri Ranga Pattana	Supplying, Installing and Commissioning of 60mm, 35mm and 4mm-3-Stage Screener with Hopper and Conveyer System	(DUDC), Mandya and Town Municipal Council (TMC), Sri Ranga Pattana	03/01/2023, 15/01/2023, 24/02/2023, 01/03/2023 06/01/2023	69876.00
Dr. Srinivasa M R		(DUDC), Mandya and Town Municipal Council (TMC), Sri Ranga Pattana	Supplying, Installing and Commissioning of 60mm, 35mm and 4mm-3-Stage Screener with Hopper and Conveyer System	(DUDC), Mandya and Town Municipal Council (TMC), Sri Ranga Pattana	03/01/2023, 15/01/2023, 24/02/2023, 01/03/2023 06/01/2023	69876.00

Dr. Srinivasa M R		Commisioner City Muncipal Council Mandya	Supplying and Installation of Sanitary Napkins Incinerator Machine with Smoke Control Unit	Commisioner City Muncipal Council Mandya	16/03/2023	7401.00
						Amount received (Rs.):421071.00

Total amount (Lacs) received for the past 3 years: 421071.00

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
			Amount received (Rs.): 0		

(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
			Amount received (Rs.): 0		

(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
			Amount received (Rs.): 0		

Total amount (Lacs) received for the past 3 years : 0

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	Fitting, Welding and sheet metal lab	15	1. Bench vice (32) 2. Leg vice (2) 3. Stakes (26) 4. Arc welding machine (1) 5. Drilling machine (1)	No of students:	B. Sathish Chandran	Instructor	PUC
2	Foundry and Forging Lab	15	1. LPG Gas fired hearth furnace (2) 2. Anvil (7) 3. Swage block (15)	No of students:	B. Sathish Chandran	Instructor	PUC
3	Fluid Mechanics & Machinery Lab	15	1. Venturimeter (1) 2. Orifice (1) 3. V-notch (1) 4. Friction of flow through pipe (1) 5.	No of students:	Hanumantha Shetty Shara	Instructor	DME
4	Machine shop	15	1. Lathe machines (32) 2. Shaping machines (7) 3. Milling machine (2) 4. Surface grinding machine (1)	No of students:	H Madegowda	Asst. Instructor	DME
5	I. C. Engine Lab	15	1. Cleveland apparatus (1) 2. Gas Calorimeter (1) 3. Redwoods, Say bolt and Torsion Viscometers (3)	No of students:	Hanumantha Shetty	Instructor	DME
6	CAD/CAM & CAMA Lab	15	1. Computers (No. 50) 2. Master CAM software (40Lic) 3. ANSYS Software (50 Lic)	No of students:	M.Y. Manjesh	Asst. Instructor	DME
7	Design Lab	15	1. Spring mass system (2) 2. Equivalent Spring mass system (1) 3. Single DOF damped torsional free	No of students:	Hanumantha Shetty	Instructor	DME
8	Energy conversion lab	15	1. Junkers gas calorimeter (1) 2. Flash and fire point apparatus (1) 3. Thermocouple apparatus (1)	No of students:	Hanumantha Shetty	Instructor	DME
9	Computer Aided Engineering Drawing Lab	15	1. Computers (74 Nos.) 2. Solid Edge Software (120 licences)	No of students:	J. Ramesh	Asst. Instructor	DME
10	Heat Transfer Lab	15	1. Thermal conductivity of solid/liquid setup (1). 2. Heat Transfer coefficient of a composite Wall setup. (1)	No of students:	Hanumantha Shetty	Instructor	DME
11	Mechanical Measurements & Metrology Lab	15	1. Profile Projector (1) 2. Tool Makers Microscope (1) 3. Autocollimator (1) 4. Floating Carriage	No of students:	Kiran Kumar K	Instructor	DME

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Fitting, Welding and sheet metal lab	1. Do's and Don'ts are displayed in laboratories. 2. Goggles and welding gloves are used while welding. 3. Proper insulation to the electric cables has been done. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Display of Emergency Contact Numbers. 7. First aid box is available. 8. Working area is maintained clean and tidy.
2	Foundry & Forging Lab	1. Do's and Don'ts are displayed in laboratories. 2. Goggles, hand gloves are used while forging. 3. Proper insulation to electric cables has been done. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Display of Emergency Contact Numbers. 7. Wearing shoes is made compulsory. 8. Laboratory is equipped with Fire Extinguishers. 9. First aid box is available. 10. Working area is maintained clean and tidy.

3	Fluid Mechanics & Machinery Lab	1. Do's and Don'ts are displayed in laboratories. 2. Proper measures are taken to avoid slipping. 3. The electricity cables have been properly insulated. 4. Instructions for equipment or machine usages are displayed. 5. Display of Lab Safety Rules. 6. Displayed emergency contact information. 7. First aid box is available. 8. Clean and organised workspace is maintained.
4	Machine shop	1. Do's and Don'ts are displayed in laboratories. 2. Wearing shoes is made compulsory. 3. Proper insulation to the electric cables has been done. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Display of Emergency Contact Numbers. 7. Fire Extinguisher is made available. 8. First aid box is available. 9 The workspace is kept tidy and clean.
5	I C Engine Lab	1. Do's and Don'ts are displayed in laboratories. 2. Proper insulation to the electric cables has been done. 3. Working area is maintained clean and tidy. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Adequate provisions are made to exhaust the flue gases. 7. Display of Emergency Contact Numbers. 8. Fire Extinguisher is available. 9. First aid box is available. 10. Wearing shoes is made compulsory.
6	Computer Aided Machine Drawing	1. Do's and Don'ts are displayed in laboratories. 2. Entry with footwear is not permitted. 3. Proper insulation to the electric cables has been done. 4. Instructions for using the system are displayed. 5. Lab safety guidelines are displayed. 6. Displayed emergency contact numbers.
7	Design Lab	1. Do's and Don'ts are displayed in laboratories. 2. Wearing shoes is made compulsory. 3. Proper insulation to the electric cables is done. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Display of Emergency Contact Numbers. 7. First aid box is available. 8. Working area is maintained clean and tidy.
8	Energy conversion lab	1. Do's and Don'ts are displayed in laboratories. 2. Proper heat insulation is ensured. 3. Proper insulation to the electric cables has been done. 4. Equipment or machine operating instructions are displayed. 5. Display of Lab Safety Rules. 6. Display of Emergency Contact Numbers. 7. Fire Extinguisher is available. 8. First aid box is available. 9. Working area is maintained clean and tidy.
9	Computer Aided Engineering Drawing	1. Do's and Don'ts are displayed in laboratories. 2. Entry with foot wares is prohibited. 3. The electrical cables have been properly insulated. 4. System operating instructions are displayed. 5. Lab Safety Rules are displayed. 6. Emergency phone numbers are displayed. 7. The workspace is kept tidy and clean.
10	Heat Transfer Lab	1. Do's and Don'ts are displayed in laboratories. 2. Working area is maintained clean and tidy. 3. Display of Lab Safety Rules. 4. Display of Emergency Contact Numbers. 5. Proper heat insulation is ensured. 6. Proper insulation to the electric cables has been done. 7. First aid box is available. 8. Equipment or machine operating instructions are displayed.
11	Mechanical Measurements & Metrology Lab	1. Do's and Don'ts are displayed in laboratories. 2. Proper insulation to the electric cables is done. 3. Equipment or machine operating instructions are displayed. 4. Display of Emergency Contact Numbers. 5. First aid box is available. 6. Working area is maintained clean and tidy.

D3. Project Laboratory/Research Laboratory

Project laboratory/research laboratory /centre of excellence :

https://drive.google.com/file/d/1EUPyqkkzOPiJRjeVAopINeQUx9ANQjW4/view?usp=drive_link (https://drive.google.com/file/d/1EUPyqkkzOPiJRjeVAopINeQUx9ANQjW4/view?usp=drive_link)

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)	900	45	32	16	64
2024-25(CAYm1)	960	48	35	18	66
2025-26(CAY)	1080	54	41	19	68

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	67750000	63153340	60200000	49514748	16027000	12124055	16500000	6541316
Library	1000000	636190	800000	624361	2950000	142503	3100000	6071
Laboratory equipment	39500000	33916424	25000000	8358253	21800000	17569147	10900000	9471700
Teaching and non-teaching staff salary	219000000	198448914	188900000	168448844	181500000	151263280	169000000	148471182
Outreach Programs	50000	40265	40000	25891	100000	94823	60000	51717
R&D	7400000	3733463	700000	641874	1548000	1295994	200000	135266
Training, Placement and Industry linkage	15000000	13609609	10000000	7735049	11000000	8923660	10000000	8033866
SDGs	40000000	35702667	30000000	26039786	13000000	11808318	10500000	8327823
Entrepreneurship	9000000	7500000	6000000	4783802	1800000	1080000	1500000	516550
Others, specify	81000000	76943300	73500000	64667674	65000000	57634918	53000000	42712347
Total	**479700000**	**433684172**	**395140000**	**330840282**	**314725000**	**261936698**	**274760000**	**224267838**

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	450000	433678	1700000	1624956	120000	112080	4500000	4323529
Software	750000	736007	290000	268039	430000	416374	150000	139079
SDGs	1700000	1676656	200000	186139	0	0	20000	18254
Support for faculty development	190000	183331	290000	267235	270000	254772	4000	3500
R & D	0	0	0	0	0	0	0	0
Industrial Training, Industry expert, Internship	1650000	1609917	1020000	976129	1320000	1264832	1250000	1183627
Salary & Miscellaneous Expenses	55000000	50905603	47000000	45513879	44500000	43141647	41000000	39378648
Total	**59740000**	**55545192**	**50500000**	**48836377**	**46640000**	**45189705**	**46924000**	**45046637**