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: 11511	**Date of Submission**: 27-01-2026

PART A- Profile of the Institute

A1.Name of the Institute: Yeshwantrao Chavan College of Engineering, Nagpur	
Year of Establishment : 1984/1993	Location of the Institute: Wanadongri 441110
A2. Institute Address:WANADONGRI, HINGNA ROAD, NAGPUR MAHARASHTRA NAGPUR 441110	
City:--Select--	State:Maharashtra
Pin Code:441110	Website:WWW.YCCE.EDU
Email:principal@ycce.edu	Phone No(with STD Code):07104-237919234623
A3. Name and Address of the Affiliating University (if any):	
Name of the University : RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NA	City: Nagpur
State : Maharashtra	Pin Code: 440033
A4. Type of the Institution: Autonomous CAY(2010-11)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **14**
- No. of PG programs: **10**

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	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Computer Technology
2	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2021	--	Computer Science and Engineering
3	Engineering & Technology	PG	Automation & Robotics	2023	--	Mechanical Engineering
4	Engineering & Technology	PG	CAD/CAM	2004	2023	Mechanical Engineering
5	Engineering & Technology	UG	Civil Engineering	1984	--	Civil Engineering
6	Engineering & Technology	PG	Communication Engineering	2010	2024	Electronics and Telecommunication Engineering
7	Engineering & Technology	UG	Computer Science and Design	2021	--	Information Technology
8	Engineering & Technology	UG	Computer Science and Engineering	2020	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering (Internet of Things)	2022	--	Computer Technology

10	Engineering & Technology	UG	Computer Technology	1985	--	Computer Technology
11	Engineering & Technology	PG	Data Sciences	2023	--	Computer Technology
12	Engineering & Technology	UG	Electrical Engineering	1986	--	Electrical Engineering
13	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Telecommunication Engineering
14	Engineering & Technology	PG	Electronics and Communication (VLSI Design)	2023	2024	Electronics Engineering
15	Engineering & Technology	UG	Electronics Engineering	1984	--	Electronics Engineering
16	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	--	Electronics Engineering
17	Engineering & Technology	PG	Environmental Engineering	2010	--	Civil Engineering
18	Engineering & Technology	UG	Industrial IoT	2021	2022	Electronics Engineering
19	Engineering & Technology	UG	Information Technology	2001	--	Information Technology
20	Engineering & Technology	PG	Intergrated Power Systems	2004	--	Electrical Engineering
21	Engineering & Technology	UG	Mechanical Engineering	1986	--	Mechanical Engineering
22	Engineering & Technology	PG	Structural Engineering	1996	--	Civil Engineering
23	Engineering & Technology	PG	VLSI Design	2025	--	Electronics and Telecommunication Engineering
24	Management	PG	Masters of Business Administration	2023	--	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 Engineering	No	Electrical 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	1986 / --	60	Yes	2021	120	2021	19 Mar 2013 Western/1-1347553836/2013/EOA 02 July 2021 Western/1-9320709151/2021/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	5	4

Sanctioned Intake for Last Five Years for the Automation & Robotics	
Academic Year	**Sanctioned Intake**
2025-26	120
2024-25	120
2023-24	120
2022-23	120
2021-22	120
2020-21	180

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. J. P. Giri
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	120	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	135	136	136	137	115	160	166
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	27	21	18	39	70	45
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0

Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	135	163	157	155	154	230	211

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	135	0	112.50
2024-25 (CAYm1)	120	136	0	113.33
2023-24 (CAYm2)	120	136	0	113.33

Average [(ER1 + ER2 + ER3) / 3] = 113.05≡ 100

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).	159.00	250.00	225.00
B=No. of students who graduated from the program in the stipulated course duration	123.00	197.00	175.00
Success Rate (SR)= (B/A) * 100	77.36	78.80	77.78

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 77.98

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)
Mean of CGPA or mean percentage of all successful students(X)	7.88	7.93	7.58
Y=Total no. of successful students	112.00	119.00	106.00
Z=Total no. of students appeared in the examination	136.00	136.00	137.00
API [X*(Y/Z)]	6.49	6.94	5.86

Average API[(AP1+AP2+AP3)/3] : 6.43

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)	7.97	7.83	7.48
Y=Total no. of successful students	131.00	122.00	125.00
Z=Total no. of students appeared in the examination	140.00	124.00	140.00
API [X * (Y/Z)]	7.46	7.70	6.68

Average API [(AP1 + AP2 + AP3)/3] : 7.28

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)	7.89	7.91	7.63
Y=Total no. of successful students	121.00	124.00	199.00
Z=Total no. of students appeared in the examination	122.00	125.00	220.00
API [X*(Y/Z)]:	7.83	7.85	6.90

Average API [(AP1 + AP2 + AP3)/3] : 7.53

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	159.00	250.00	225.00
X=No. of students placed	75.00	118.00	143.00
Y=No. of students admitted to higher studies	2.00	20.00	13.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	48.43	55.20	69.33

Average Placement Index = (P_1 + P_2 + P_3)/3: 57.65 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. J. P. Giri	XXXXXXX23K	Ph.D	RTM, Nagpur University	Production Engineering	10/10/2005	20.3	Lecturer	Professor	01/03/2024	Regular	Yes		Yes
2	Dr. S. S. Chaudhari	XXXXXXX47Q	Ph.D	RTM, NAGPUR UNIVERSITY	Production Engineering	16/07/2010	15.6	Assistant Professor	Professor	01/03/2024	Regular	Yes		No
3	Dr. S. G. Mahakalkar	XXXXXXX45J	Ph.D	RTM, Nagpur University	Design	27/08/1996	29.4	Lecturer	Professor	08/04/2015	Regular	Yes		No
4	Dr. S. V. Prayagi	XXXXXXX32D	Ph.D	VNIT, Nagpur	Thermal Engineering	14/01/2021	5	Professor	Professor	14/01/2021	Regular	Yes		No
5	Mr. D.I.Sangotra	XXXXXXX57F	M.Tech	VNIT, Nagpur	Design	15/12/1990	35.1	Lecturer	Associate Professor	02/01/2006	Regular	Yes		No

6	Mr. N.J.Giradkar	XXXXXXX23E	M.Tech	VNIT, Nagpur	Thermal Engineering	28/08/1991	34.5	Lecturer	Associate Professor		Regular	Yes		No
7	Mr. V.M.Korde	XXXXXXX32A	M.Tech	VNIT, Nagpur	Thermal Engineering	05/12/1991	34.1	Lecturer	Associate Professor	20/08/2004	Regular	Yes		No
8	Mr. A. S. Bonde	XXXXXXX57Q	M.Tech	Sant Gadge Baba Amravati University, Amravati	Production Engineering	31/12/1993	32	Lecturer	Associate Professor	02/09/2005	Regular	Yes		No
9	Dr. S. T. Bagde	XXXXXXX55H	Ph.D	RTM, Nagpur University	CAD/CAM	19/09/1996	29.4	Lecturer	Assistant Professor		Regular	Yes		No
10	Dr. S. R. Jachak	XXXXXXX85R	Ph.D	RTM, Nagpur University	Production Engineering	05/07/2003	22.6	Lecturer	Assistant Professor		Regular	Yes		No
11	Dr. R. B. Chadge	XXXXXXX05C	Ph.D	RTM, Nagpur University	CAD/CAM	08/07/2008	17.6	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. G. H. Waghmare	XXXXXXX20E	M.Tech	RTM, Nagpur University	CAD/CAM	08/07/2004	21.6	Lecturer	Assistant Professor		Regular	Yes		No
13	Dr. S. P. Ambade	XXXXXXX27F	Ph.D	VNIT, Nagpur	CAD/CAM	10/07/2007	18.6	Lecturer	Assistant Professor		Regular	Yes		No
14	Mr. Sharique Tufail	XXXXXXX56B	M.Tech	RTM, Nagpur University	CAD/CAM	09/07/2007	18.6	Lecturer	Assistant Professor		Regular	Yes		No
15	Mr. A. B. Amale	XXXXXXX15G	M.Tech	RTM, Nagpur University	Design	04/07/2005	20.6	Lecturer	Assistant Professor		Regular	Yes		No
16	Dr. R.G. Bodkhe	XXXXXXX14R	Ph.D	RTM, Nagpur University	Thermal Engineering	10/06/2008	17.7	Lecturer	Assistant Professor		Regular	Yes		No
17	Mr. P. N. Shende	XXXXXXX12R	M.Tech	VJTI, Mumbai	Production Engineering	01/01/2008	18	Lecturer	Assistant Professor		Regular	Yes		No
18	Mr. V. G. Thakre	XXXXXXX03B	M.Tech	RTM, Nagpur University	CAD/CAM	26/11/1997	28.2	Lecturer	Assistant Professor		Regular	Yes		No
19	Dr. S. S. Khedkar	XXXXXXX99D	Ph.D	RTM, Nagpur University	CAD/CAM	16/07/2010	15.6	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mr. A. P. Edlabadkar	XXXXXXX59D	M.Tech	RTM, Nagpur University	Design	15/07/2010	15.6	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr. P.D. Kamble	XXXXXXX23B	Ph.D	RTM, Nagpur University	CAD/CAM	10/08/2010	15.5	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. D. Y. Shahare	XXXXXXX89K	M.Tech	MANIT, Bhopal	Design	12/07/2010	15.6	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mrs. D. N. Kashyap	XXXXXXX39C	M.Tech	RTM, Nagpur University	CAD/CAM	18/12/2009	16.1	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. R. V. Adakane	XXXXXXX67B	M.Tech	RTM, Nagpur University	Production Engineering	13/07/2009	16.6	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. A. R. Narkhede	XXXXXXX95D	M.Tech	RTM, Nagpur University	CAD/CAM	01/01/2010	16	Assistant Professor	Assistant Professor		Regular	Yes		No

26	Dr. G. M. Dhote	XXXXXXX31G	Ph.D	RTM, Nagpur University	CAD/CAM	16/07/2020	5.6	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Dr. Mrs. S. P. Kamble	XXXXXXX33G	Ph.D	RTM, Nagpur University	Design	10/06/2009	16.7	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Dr. Y Y Nandurkar	XXXXXXX72D	Ph.D	RTM, Nagpur University	Heat Transfer	21/01/2013	13	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Mr. P. S. Barve	XXXXXXX61L	M.Tech	RTM, Nagpur University	Industrial Engineering	10/07/2013	12.6	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Dr. M.M. Dakhore	XXXXXXX05H	Ph.D	RTM, Nagpur University	CAD/CAM	08/07/2013	12.6	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Mr. N.D. Gedam	XXXXXXX02F	M.Tech	RTM, Nagpur University	Heat Transfer	11/07/2013	12.6	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Dr. V. R. Khawale	XXXXXXX09B	Ph.D	RTM, Nagpur University	Thermal Engineering	14/01/2020	6	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Dr. N. R. Sunheriya	XXXXXXX40B	Ph.D	NIT, Raipur	Thermal Engineering	16/06/2014	11.7	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Mr. P. V. Lande	XXXXXXX49C	M.Tech	RTM, Nagpur University	Design	25/06/2014	11.6	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mr. P. A. Hatwalne	XXXXXXX80J	M.Tech	RTM, Nagpur University	CAD/CAM	13/01/2021	5	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Mr. S. N. Nagpure	XXXXXXX77A	M.Tech	RTM, Nagpur University	CAD/CAM	02/07/2014	11.6	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mr. C. A. Mahatme	XXXXXXX05K	M.Tech	RTM, Nagpur University	CAD/CAM	10/10/2019	5.2	Assistant Professor	Assistant Professor		Regular	No	07/01/2025	No
38	Dr. N. Mungle	XXXXXXX54C	Ph.D	RTM, Nagpur University	Thermal Engineering	01/07/2022	3	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
39	Dr. A. P. Kedar	XXXXXXX69Q	Ph.D	RTM, Nagpur University	Production Engineering	14/01/2021	3.6	Professor	Professor		Regular	No	31/07/2024	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 Department2

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	132
UG1.D	132	132	198
UG1: Mechanical Engineering	**396**	**396**	**462**
PG1.A	12	12	12
PG1.B	12	12	0
PG1: Automation & Robotics	**24**	**24**	**12**
PG2.A	0	0	0
PG2.B	0	0	12
PG2: CAD/CAM	**0**	**0**	**12**
DS=Total no. of students in all UG and PG programs in the Department	420	420	486
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=** 420	**S2=** 420	**S3=** 486
DF=Total no. of faculty members in the Department	36	37	39
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=** 36	**F2=** 37	**F3=** 39
FF=The faculty members in F who have a 100% teaching load in the first-year courses	11	11	11
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 16.80**	**SFR2= 16.15**	**SFR3= 17.36**
Average SFR for 3 years	**SFR= 16.77**		

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)	15	21	20.00	29.25
2024-25(CAYm1)	15	22	20.00	29.75
2023-24(CAYm2)	15	24	24.00	25.62

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	4.00	4.00	0.00	14.00	32.00
2024-25	2.00	4.00	4.00	0.00	14.00	33.00
2023-24	2.00	3.00	5.00	2.00	16.00	34.00
Average	RF1=2.00	AF1=3.67	RF2=4.33	AF2=0.67	RF2=14.67	AF2=33.00

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	Harish Deshpande	Director	NDT Solutions Pvt Ltd	Machining Processes	30.00
2	Mr. Parag Pathak	Director	NDT Solutions Pvt Ltd	Machining Processes	20.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Harish Deshpande, Director, NDT solutions pvt, ltd,	Director	NDT Solutions Pvt Ltd	Machining Processes	24.00
2	Mr. Shounak Totade	Engineer	Nikhil Furniture, MIDC Nagpur	Project Management	6.00
3	Dr. Amit Dutta	Manager	Mecgale Pneumatics MIDC Nagpur	Project and Safety Management	6.00
4	Mr. Ajay Pethkar	Manager	, Parle-G Industry , Bahadura Nagpur	Production process	6.00
5	Mr. Tanmay Deshmukh	Owner	Tanmay Industry, MIDC Nagpur	Plastic Industry	6.00
6	Sourabh Jamdar	Owner	Mahalasa Tool craft	Supply Chain Management	6.00
7	Mr. Ashish Subhedar, Ms. Shivani, Ms. Priya Shanu	Engineer	Mahindra, MIDC Nagpur	Tractor Assembly	6.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.Anil Jain & Mr.amit Badwaik	Engineer	Virtual Simutech Pvt Ltd Pune	CATIA V5	30.00
2	Dr. R.S. Chandana	Advisor	Kinetic gears, MIDC, Nagpur	Supply Chain Management	6.00
3	Dr.Samir Kolte	Director	Antony waste handling cell, navi mumbai	Waste to Energy	6.00
4	Chandrashekhar Mankar	Director	Deepshikha castings , Nagalwadi, Nagpur	Industry 4.0	6.00
5	Harish Deshpande, Director, NDT solutions pvt, ltd,	Director	NDT Solutions Pvt Ltd	Machining Processes	30.00

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	163	105	9
2	No. of peer reviewed conference papers published	114	15	10
3	No. of books/book chapters published	9	11	1

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.S.S.Khedkar		Mechanical	iHub AwaDH/SAMRIDHI 4.0/IDEATION	IIT Ropar	1 Year	2.50
Dr. S.S.Khedkar		Mechanical	IDE BOOT CAMP	MoE/BOOTCAMP	1 Year	16.00
A.P.Edlabadkar		Mechanical	BRIDGING GAP BETWEEN MECHANICAL INDUSTRY	SERB/seminar/sym	1 Year	1.20
						Amount received (Rs.):19.70

(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.S.S.Chaudhari	D.N.Kashyap	Mechanical	Intricacies of Industrial IOT and agile manufacturing	SERB	1Year	1.40
Ajinkya Edlabadkar		Mechanical	Bridging the gap between theoretical and physical world in mechanical engineering	DST/seminar	1Year	1.28
						Amount received (Rs.):2.68

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 22.38

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. S. S. Khedkar	Surendra Nagpure	Mechanical	Solar Panel cleaning system	National Environmental Engineering Research Institute (NEERI), Nagpur	1 Year	0.42
Dr. S. S. Chaudhari	Prof. R. V. Adakane, Prof. G. M. Dhote, Prof. G. H. Waghmare	Mechanical	CNC and Lathe training	Budhwanti education and research foundation	1 Year	0.72
Dr. P. D. Kamble		Mechanical	Production Regulating Maintenance cost	H M R Engineering	1 Year	0.30
Dr. S. S. Khedkar		Mechanical	3D Printing, Additive manufacturing	Prof. Kamble madam, Electrical Department, YCCE	1 Year	0.42
Prof. V. M. Korde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Prof. N. J. Giradkar		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Dr. S G Mahakalkar		Mechanical	Design and general assembly drawing of different components	SST Solution	1 Year	0.30
Dr. Shrikant Jachak		Mechanical	Design and general assembly drawing of different components	SST Solution	1 Year	0.30
Prof. Dilip I Sangotra		Mechanical	Noise and Vibration analysis in Machining	Mahalasa Tool Craft Pvt Ltd.	1 Year	0.30
Prof. A S Bonde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Dr. Sunil Prayagi		Mechanical	Modification of Mechanical Press	Rounak Industries	1 Year	0.22
Prof. P. N. Shende		Mechanical	Improvement in Production on shop Floor	Mohan Engineering MIDC Nagpur	1 Year	0.20
Prof. S T Bagde		Mechanical	Consultation for Furniture Manufacturer Firm	Zee Wood Interiors	1 Year	0.20
Prof. Ajinkya Edlabadkar		Mechanical	Design of Die tools	NDT Solutions Surendra Nagar Nagpur	1 Year	0.20
Prof. D. N. Kashyap		Mechanical	Design of Die tools	NDT Solutions Surendra Nagar	1 Year	0.20
Prof. D Y Shahare		Mechanical	Design of Various Product	Khushi Enterprises	1 Year	0.20
Prof. S P Ambade		Mechanical	Design and general assembly drawing of different components	Oyster Technocon	1 Year	0.20
Prof. Vijay G. Thakare		Mechanical	Tool wear analysis and Optimization	Mahalsa Tool Craft Pvt Ltd.	1 Year	0.20
Prof. Alok Narkhede		Mechanical	Process parameters optimization of EDM	Mahalsa Tool Craft PVT. Ltd.	1 Year	0.20
Prof. Ashwin Amle		Mechanical	Design of Die tools	Mahalsa Tool Craft PVT. Ltd.	1 Year	0.20
Dr. N. P. Mungle	Dr. V. R. Khawale	Mechanical	Layout Design and Maintenance	Dattakrupa Printers Butibori	1 Year	0.20
Dr. S. P. Kamble Madam		Mechanical	Production Regulating Maintenance cost	H M R Engineering	1 Year	0.15

Prof. Y. N Nandurkar		Mechanical	Maintenance of Solar Pump	Manish Engineering and Sons	1 Year	0.10
Prof. P. S. Barve		Mechanical	Design and Load calculation of solar powered system implementation for the plant and machinery	Monish Engineering and Sons, Nagpur	1 Year	0.10
Prof. Nilesh D Gedam		Mechanical	Design solar tracking system using arduino and implementation for the plant and machinery	Monish Engineering and Sons, Nagpur	1 Year	0.10
Dr. S. S. Khedkar		Mechanical	Solar Panel cleaning system	National Environmental Engineering Research Institute (NEERI), Nagpur	1 Year	0.07
Prof. Neeraj Sunheria		Mechanical	Part Drawing of smoke detection system	SST Solution	1 Year	0.10
Prof. Pratik Lande		Mechanical	Circuit Design of fire alarm system	SST Solution	1 Year	0.10
Prof. P A Hatwalne		Mechanical	Periodic Maintenance of machines	R R Organic Food and Oil Industry Wardha	1 Year	0.10
Prof. Manish Dakhore		Mechanical	Overhauling	Supertech Mechanical Engineering Pvt. Ltd.	1 Year	0.10
Prof. Rajesh Bodkhe		Mechanical	Design and Load calculation of solar power system	Mahalsa Tool Craft PVT. Ltd.	1 Year	0.10
						Amount received (Rs.):6.90

(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. J. P. Giri		Mechanical	Testing report of wheel borrows, Twin bins, Hydraulic tractor troly	Swapnapurti Trading company, Nandanvan, Nagpur.	1 Year	0.20
Dr. S. S. Chaudhari,	Prof. R. V. Adkane, Prof. M. S. Tufail	Mechanical	CNC and Lathe training	Budhwanti education and research foundati	1 Year	1.12
Dr. Arun P Kedar		Mechanical	Training program of TPM b	Surya Enviotech Pvt Ltd	1 Year	0.05
Prof. V. M. Korde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Prof. A S Bonde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Prof. N. J. Giradkar		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.30
Prof. A B Amle		Mechanical	Design of Die Tools	Mahalasa Tool Craft Pvt. Ltd, Nagpur	1 Year	0.30
Prof. R G Bodkhe		Mechanical	Design and load calculation of solar powered system implementation for the plant and machinery	Mahalasa Tool Craft Pvt. Ltd, Nagpur	1 Year	0.30
Dr. Sunil Prayagi		Mechanical	Design and load calculation of solar system	Bhore Engineering consultants OPC	1 Year	0.20
Prof. D I Sangotra		Mechanical	Fire and Safety solutions	Shive Fire Engineering Solution, Jabalpur	1 Year	0.50
Dr. S T Bagde		Mechanical	Issues Regarding production planning	ZEE WOODS Interior Nagpur	1 Year	0.20
Dr. N. P. Mungle	Dr. V. R. Khawale	Mechanical	Inspection and Maintenance of machine	Dattakrupa Printers Butibori	1 Year	0.20
						Amount received (Rs.):3.97

(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
Prof. V. M. Korde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.10
Prof. V. M. Korde		Mechanical	Solutions for various Fluid power system problems	Mr. Prakash Hande Borkhedi, Nagpur	1 Year	0.08
Prof. N. J Giradkar		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.15
Prof. A S Bonde		Mechanical	Design and general assembly drawing of different components	SST Solution, Hingna MIDC	1 Year	0.15
Dr. S T Bagde		Mechanical	Factory layout Design	ZEE WOODS Interior Nagpur	1 Year	0.10
Dr. S T Bagde		Mechanical	Store Layout Design	JSK Techno Traders, Nagpur	1 Year	0.09
Dr. A. P. Kedar		Mechanical	Training program of 5 S Kaizen	Surya Envirotech Pvt Ltd.	1 Year	0.05
Dr. S. S. Chaudhari	Prof. R. V. Adakane Prof. M. S. Tufail	Mechanical	CNC and Lathe training	Budhwanti education and research foundation	1 Year	1.11
Dr. J. P. Giri	Dr. R. B. Chadge Prof. Pafull Shirpurkar	Mechanical	Design and general assembly drawing of different components	Chandrashekhar Agro Engineering Works, Wardha	1 Year	0.20
						Amount received (Rs.):2.03

Total amount (Lacs) received for the past 3 years: 12.90

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
Prof. N. R. Sunheriya and Dr R B Chadge	Performance and Optimization of Bifacial Solar Panels for maximum cell efficiency.-Minor research	1 year	0.94	0.48	Patent published and conference paper
Prof. P.V.Lande	Determination of natural frequency of spring damper (Suspension System)-Experimental setup	1 year	0.30	0.30	Developed Experimental setup for DoM Lab
Prof. P.V.Lande	Welded Joints of IS2062 E350C by Conventional and Unconventional Welding Process-Minor research	1 year	0.50	0.50	Writing a Research paper
Prof.M.M.Dakhore	Automated Lower Limb Continuous Passive Motion (CPM) Machine-Minor research	1 year	0.18	0.18	Paper published at non-Scopus journal
Prof.C.A.Mahatme	Minor research	1 year	0.15	0.15	Prototype developed
Prof. Y.Y.Nandurkar	Performance Improvement of MJT Heat Pipe with Fin-Minor research	1 year	0.25	0.25	Experimental setup developed and Scopus index paper submitted
Prof.S.S.Nagpure	Dry air cooler-Patentable product	1 year	0.13	0.13	Prototype developed
Prof.P.S.Barve	Portable electric power tiller machine-Patentable product	1 year	0.36	0.36	Prototype developed
Dr.N. P. Mungale	solar cooker by using Nanofluids for domestic and agriculture industries-Minor research	1 year	0.36	0.36	Paper published
Prof.M.M.Dakhore	solar operated fodder cutti-ng and collecting machineMinor research	1 year	0.25	0.25	Paper published at non-Scopus journal
D.Y.Shahare	Heat pipe Experimental setup-Minor research	1 year	0.31	0.31	SCI Research paper published at Journal of thermal and calorimetry
			Amount received (Rs.): 3.73		

(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
S.S.Nagpure	Cloth Drying Machine-Patentable product	1 year	0.20	0.20	Prototype developed
Dr.N. P. Mungale	SOLAR DRYERS FOR AGRICULTURE FOOD PRODUCT AND GREEN HURBES-Minor research	1 year	0.98	0.98	Paper published
C.A.Mahatme	Minor research	1 year	0.20	0.20	Prototype developed
G.H.Waghmare	DESIGN AND FABRICATION OF REUSABLE FUNCTIONAL AND EFFECTIVE WRIST ORTHOSIS-Minor research	1 year	0.25	0.25	Prototype developed
D.Y.Shahare	Multipurpose medicine container-Patentable product	1 year	0.30	0.30	Patent published
D.I.Sangotra	FABRICATION AND ANALYSIS OF AQUA SILENCER-Minor research	1 year	0.25	0.25	Prototype developed
			Amount received (Rs.): 2.18		

(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
Dr. Sunil Prayagi	Effect of cooling system on PV panel performance-Minor research	1 year	0.11	0.11	Prototype developed
Dr.V.R.Khawale	Study of various characteristics of PV Panel and DC Solar Water Pump-Minor research	1 year	0.17	0.17	Prototype developed
D.Y.Shahare	Design and Development of Experimental setup for Fatigue Testing Machine-Experimental setup	1 year	0.32	0.32	Developed Experimental setup for
			Amount received (Rs.): 0.60		

Total amount (Lacs) received for the past 3 years : 6.51

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	Computer Aided Design	20	Computers	26/40	Pravin Jagnade	Lab Assistant	BE
2	NAFFETIC/ Automation	20	Flexmill, Flexturn, CNC Controller, 3D Printer	24/40	Suhas Padwe	Lab Assistant	M Tech
3	Mechatronics	20	PLC Trainer Kit, PID Test Rig	24/40	Avantika Sontakke	Lab Assistant	ITI
4	Mechanical Measurement	20	Speed Measurement Module IT-01	24/40	Suhas Padwe	Lab Assistant	M Tech
5	Fluid Power	20	Pelton/Fransis& Kaplan Turbine Setup	24/40	Pravin Jagnade	Lab Assistant	BE
6	Material Science and Metallurgy	20	BH Tester, Rockwell H tester, Microscope	24/40	Komal Kubde	Lab Assistant	ITI
7	Metrology and Quality Control	20	Surface roughness tester	24/40	Bhushan Zade	Lab Assistant	BE
8	Dynamics of Machinery	20	Vibration Setup	24/40	Bhushan Zade	Lab Assistant	BE
9	Thermal Power	20	Air Compressor, Engine test rig	24/40	Atish Prasad	Lab Assistant	Diploma

10	Heat Transfer	20	Heat Exchanger, Thermal conductivity of metal bar, insulating powder, composite wall	24/40	Atish Prasad	Lab Assistant	Diploma
11	Automobile	20	Petrol and Diesel Engine	24/40	Sujeet Ingole	Lab Assistant	Diploma
12	Mechanics of Material	20	UTM, Impact testing, Torsion testing machine	24/40	Sujeet Ingole	Lab Assistant	Diploma
13	Engineering Graphics	20	Computers	36/40	Suhasini Tupkar	Lab Assistant	BE
14	Machine Shop	20	EDM, Lathe, Milling & Shaper	24/40	V. M. Vaidya	INSTRUCTOR	ITI
15	Tool Engineering Shop	20	Vertical Milling, Shaper	24/40	RAJU DAFARE	INSTRUCTOR	ITI
16	Foundry Shop	20	Pit Furnace	24/40	V. M. Vaidya	INSTRUCTOR	ITI
17	Machine Drawing	20	Cut Models	24/40	Avantika Sontakke	Lab Assistant	ITI
18	Earth Moving Lab	20	Models, Engine and important acessories	24/40	Komal Kubde	Lab Assistant	ITI
19	Welding Shop	20	Mig Welding Machine, Aec Welding Machine	24/40	RAJU DAFARE	INSTRUCTOR	ITI
20	Smithy Shop	20	Cupola Furnace	24/40	S. G. Shinde	INSTRUCTOR	ITI
21	Carpentry Shop	20	CNC Router, Bench Wise	24/40	R. P. Malamkar	INSTRUCTOR	ITI
22	Fitting Shop	20	Hack Saw, Bench Wise	24/40	Anil Wankhede	INSTRUCTOR	ITI

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Computer Aided Design	Fire Extinguisher, Centralize firefighting system, CCTV Camera, Stabilizer and battery backup

2	NAFFETIC/ Automation	Fire Extinguisher, Centralize firefighting system, CCTV Camera, Stabilizer
3	Mechatronics	Fire Extinguisher, Centralize firefighting system, CCTV Camera
4	Fluid Power	Fire Extinguisher, Centralize firefighting system, CCTV Camera
5	Material Science and Metallurgy	Fire Extinguisher, Centralize firefighting system, CCTV Camera
6	Metrology and Quality Control	Fire Extinguisher, Centralize firefighting system, CCTV Camera
7	Theory of Machine	Fire Extinguisher, Centralize firefighting system, CCTV Camera
8	Energy conversion	Fire Extinguisher, Centralize firefighting system, CCTV Camera
9	Mechanics of Materials	Fire Extinguisher, Centralize firefighting system, CCTV Camera
10	Engineering Graphics	Fire Extinguisher, Centralize firefighting system, CCTV Camera
11	Tool Room	Sand Buckets, Fire Extinguishers, Safety Gloves, Safety Boots, First Aid Kits, Display of safety Measures to be taken, What to do and what not to do display, use of proper protection systems
12	Earth Moving Laboratory (Industry Supported Lab)	Fire Extinguisher, Centralize firefighting system, CCTV Camera

13	Mechanical Measurement	Fire Extinguisher, Centralize firefighting system, CCTV Camera
14	Foundry Shop	Sand Buckets, Fire Extinguishers, Safety Gloves, Safety Boots, First Aid Kits, Display of safety Measures to be taken, What to do and what not to do display, use of proper protection systems
15	Machine Shop	Sand Buckets, Fire Extinguishers, Safety Gloves, Safety Boots, First Aid Kits, Display of safety Measures to be taken, What to do and what not to do display, use of proper
16	Automobile	Fire Extinguisher, Centralize firefighting system, CCTV Camera

D3. Project Laboratory/Research Laboratory

SN	Name of the Laboratory
1	Project Laboratory 1(Shade Building)
2	NAFFETIC SIEMENS Center of Excellence
3	Earth moving equipment lab
4	Incubation Centre (FAB Lab)
5	Elevate: Center for Skill Enhancement

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)	1500	75	36	180	86

2024-25(CAYm1)	1500	75	46	199	102
2025-26(CAY)	1500	75	51	223	114

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	54782000	13130840	65500000	69265060	60000000	55635815	50000000	45649640
Library	3540000	1520095	3000000	2956939	3000000	1929415	4000000	1724881
Laboratory equipment	7420000	8263534	5000000	4740952	3535000	2508142	5000000	5808044
Teaching and non-teaching staff salary	676237000	472658202	647500000	639747813	605000000	603257625	571300000	607936711
Outreach Programs	0	27130	0	20480	0	0	0	0
R&D	6000000	2272666	5500000	7827352	3000000	3254275	7000000	6308526
Training, Placement and Industry linkage	81000000	40904441	100000000	92595639	100000000	108445257	79000000	68931483
SDGs	5000000	1417911	4000000	4235157	0	837793	0	2798374
Entrepreneurship	500000	150719	500000	418427	0	0	0	0
Others, specify	244536000	127015085	200934000	211000871	171465000	161965490	131200000	133967027
Total	**1079015000**	**667360623**	**1031934000**	**1032808690**	**946000000**	**937833812**	**847500000**	**873124686**

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	1520000	1223269	1000000	990430	1600000	640762	500000	1186249
Software	750000	564040	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	100000	67416	75000	79350	50000	44521	20000	16343

R & D	1000000	452217	1000000	1208525	750000	746729	500000	477702
Industrial Training, Industry expert, Internship	8000000	3172585	7500000	7805379	12500000	12469197	10000000	10411275
Miscellaneous Expenses*	2000000	1003821	1000000	199248	1200000	1202375	1000000	226190
Total	**13370000**	**6483348**	**10575000**	**10282932**	**16100000**	**15103584**	**12020000**	**12317759**