

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electronics & Communication Engineering	Discipline: Engineering & Technology
Level : Under Graduate	Tier: 1
Application No: 11866	Date of Submission: 04-06-2026

PART A- Profile of the Institute

A1.Name of the Institute: LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY	
Year of Establishment : 2002	Location of the Institute: Hyderabad
A2. Institute Address: Sy.No.32,HIMAYATSAGAR,NEAR POLICE ACADEMY JUNCTION,HYDERABAD-500091, ANDHRA PRADESH	
City:Ranga Reddy	State:Telangana
Pin Code:500091	Website:www.lords.ac.in
Email:principal.lords@gmail.com	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Osmania University Hyderabad	City: Ranga Reddy
State : Telangana	Pin Code: 500091
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **9**
- No. of PG programs: **3**

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 Machine Learning	2021	--	Artificial Intelligence and Machine Learning
2	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science	2023	2024	Information Technology
4	Engineering & Technology	UG	Computer Science and Engineering	2003	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2009	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2020	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
7	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2020	--	Computer Science and Engineering (Data Science)
8	Engineering & Technology	PG	Construction Management	2014	--	Civil Engineering
9	Engineering & Technology	UG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering
10	Engineering & Technology	UG	Information Technology	2018	--	Information Technology

11	Engineering & Technology	UG	Mechanical Engineering	2005	--	Mechanical Engineering
12	Engineering & Technology	PG	Structural Engineering	2012	--	Civil Engineering

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
Civil Engineering	No	Civil Engineering	UG
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Electronics and Communication Engineering	No	Electronics & Communication 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	Electronics & Communication Engineering	UG	2003 / --	60	Yes	2024	60	2024	South-Central/1-43658613103/2024/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	4	4

Sanctioned Intake for Last Five Years for the Electronics & Communication Engineering	
Academic Year	Sanctioned Intake
2025-26	60
2024-25	60
2023-24	120
2022-23	120
2021-22	120
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. SHAIK MAHAMMAD RASOOL
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)	60	60	120	120	120	120	120
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	47	50	60	71	98	52	70
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	7	11	13	15	14	11
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.	47	57	71	84	113	66	81

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	47	0	78.33
2024-25 (CAYm1)	60	50	0	83.33
2023-24 (CAYm2)	120	60	0	50.00

Average [(ER1 + ER2 + ER3) / 3] = 70.55= 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).	132.00	132.00	131.00
B=No. of students who graduated from the program in the stipulated course duration	95.00	36.00	60.00
Success Rate (SR)= (B/A) * 100	71.97	27.27	45.80

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 48.35

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)	7.99	7.94	8.00
Y=Total no. of successful students	47.00	60.00	67.00
Z=Total no. of students appeared in the examination	47.00	60.00	67.00
API [X*(Y/Z)]	7.99	7.94	8.00

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)	7.85	7.95	7.84
Total number of successful students (Y)	66.00	79.00	106.00
Total number of students appeared in the examination (Z)	60.00	67.00	98.00
API [X * (Y/Z)]	8.64	9.37	8.48

Average API [(AP1 + AP2 + AP3)/3] : 8.83

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)	7.95	7.94	7.07
Y=Total no. of successful students	78.00	106.00	61.00
Z=Total no. of students appeared in the examination	79.00	106.00	61.00

Average API [(AP1 + AP2 + AP3)/3] : 7.60

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	132.00	132.00	131.00
X=No. of students placed	70.00	30.00	48.00
Y=No. of students admitted to higher studies	12.00	5.00	8.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	62.12	26.52	42.75

Average Placement Index = (P_1 + P_2 + P_3)/3: 43.80 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. MAJ RAVIKISHORE SINGH	XXXXXXX55N	Ph.D	Gitam University	Radar Signal Processing	01/04/2022	4.1	Professor	Professor	01/04/2022	Regular	Yes		No

2	DR. ABDUL WASAY MUDASSER	XXXXXXX78A	Ph.D	Himalayan University	Wireless Communication	01/07/2013	12.10	Assistant Professor	Associate Professor	20/06/2020	Regular	Yes		No
3	DR. ALTAF C.	XXXXXXX63D	Ph.D	Mewar University	Wireless Communication	21/07/2020	5.9	Assistant Professor	Associate Professor	17/12/2021	Regular	Yes		No
4	DR. SHAIK MAHAMMAD RASOOL	XXXXXXX89H	Ph.D	Himalayan University	Wireless Communication	11/02/2015	11.3	Assistant Professor	Associate Professor	29/06/2022	Regular	Yes		Yes
5	MRS.. SYEDA AMENA BANO	XXXXXXX82C	M.Tech	JNTU Hyderabad	Embedded Systems	18/07/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
6	MRS. SALMA NAAZNEEN	XXXXXXX63N	M.Tech	JNTU Hyderabad	VLSI System	03/08/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
7	MR. BASAVA DHANNE	XXXXXXX04N	M.Tech	JNTU Hyderabad	Embedded Systems	09/08/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
8	MRS. RUPALI TOSHNIWAL	XXXXXXX19N	M.Tech	JNTU Hyderabad	Image Processing	16/08/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	MR. BAJIBABU MUTTE	XXXXXXX47G	M.Tech	JNTU Hyderabad	Digital Electronics and Communication Systems	09/08/2024	1.9	Assistant Professor	Assistant Professor		Regular	No	16/05/2026	No
10	MR. MD KHAJA PASHA	XXXXXXX24N	M.Tech	JNTU Hyderabad	Embedded Systems	21/02/2024	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
11	MS. MADHAVUNI SANDHYA RANI	XXXXXXX93J	M.Tech	JNTU Hyderabad	VLSI Design System	02/06/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No
12	MS. ZAINAB UNNISA	XXXXXXX38M	M.E.	OU	Embedded Systems	02/06/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	MR. MOHD TOUSEEF SUMER	XXXXXXX60H	M.Tech	JNTU Hyderabad	Signal and System Design	04/08/2021	4.9	Assistant Professor	Assistant Professor		Regular	Yes		No
14	MRS. SAPNA GANGRADE	XXXXXXX19M	M.Tech	Rajiv Gandhi Technical University	Digital Communication	15/07/2019	6.10	Assistant Professor	Assistant Professor		Regular	Yes		No
15	DR. KAMEL ALI KHAN SIDDIQUI MOHAMMAD	XXXXXXX69C	Ph.D	Sheffield university.,UK	Electronics & Electrical Engineering	01/10/2021	4.7	Associate Professor	Associate Professor	01/10/2021	Regular	Yes		No
16	MS. AMENA TAMKEEN	XXXXXXX52E	M.Tech	JNTU Hyderabad	Embedded Systems	18/08/2022	1.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
17	DR. ABDUL MATEEN AHMED	XXXXXXX14B	Ph.D	IITH	Multi Radio Network	22/07/2025	0.9	Professor	Professor	22/07/2025	Regular	Yes		No
18	MR. MOHAMMED AKBAR HUSSAIN	XXXXXXX34Q	M.E.	OU	Digital Systems	19/08/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
19	DR. KOTAGIRI SHASHIDHAR	XXXXXXX53N	Ph.D	Gitam University	VLSI System and Design	11/05/2022	2.1	Professor	Professor	11/05/2022	Regular	No	29/06/2024	No
20	MR. MOHAMMAD SAIFUL ISLAM	XXXXXXX55B	M.Tech	VTU	Industrial Electronics	09/08/2022	1.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
21	MR.HARSHAVARDHAN VELAGAPUDI	XXXXXXX11P	M.Tech	Vignan's University	Embedded Systems	05/07/2018	6.11	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No

22	MR D SOUNDER	XXXXXXX18D	M.Tech	JNTU Hyderabad	VLSI SYSTEM DESIGN	01/08/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
23	MS. RESHMA ASMA	XXXXXXX83C	M.Tech	JNTU Hyderabad	Digital Electronics and Communication Systems	20/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	29/06/2024	No
24	DR. NARSAIAH DOMALA	XXXXXXX58Q	Ph.D	VELTEC	Digital Communication	08/07/2019	5.10	Assistant Professor	Associate Professor	13/11/2023	Regular	No	31/05/2025	No
25	MR. MD FURKHANUDDIN KORTI	XXXXXXX14Q	M.Tech	VTU	Electronics	08/05/2023	1.3	Assistant Professor	Assistant Professor		Regular	No	24/08/2024	No
26	MR. MIRZA NEMATH ALI BAIG	XXXXXXX13F	M.E.	OU	Digital Systems	03/08/2021	3	Assistant Professor	Assistant Professor		Regular	No	08/08/2024	No
27	MRS. GEETHANJALI MANGA	XXXXXXX08P	M.Tech	JNTU Hyderabad	VLSI System Design	25/09/2017	6.10	Assistant Professor	Assistant Professor		Regular	No	25/07/2024	No
28	DR. MOHAMMAD JABIRULLAH	XXXXXXX58J	Ph.D	Sri Satya Sai University of Technology and Medical Science,M.P.	Wireless Communication and Networks	30/11/2020	3.8	Associate Professor	Associate Professor	01/04/2021	Regular	No	31/07/2024	No
29	MR. NAJEEMULLA BAIG	XXXXXXX20R	M.Tech	JNTU Hyderabad	VLSI SYSTEM DESIGN	02/08/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
30	MRS. SHAREA TAKREEM	XXXXXXX33H	M.Tech	JNTU Hyderabad	Embedded Systems	01/10/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
31	MRS. DORNALA VENKATRAVAMMA	XXXXXXX55F	M.Tech	JNTU Hyderabad	Embedded Systems	09/11/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mr. Mohammed Imaduddin	XXXXXXX75F	M.Tech	JNTUH	Digital Electronics and Communication Systems	01/12/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		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	66	132	132
UG1.C	132	132	132
UG1.D	132	132	132
UG1: Electronics & Communication Engineering	330	396	396
DS=Total no. of students in all UG and PG programs in the Department	330	396	396
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= 330	S2= 396	S3= 396
DF=Total no. of faculty members in the Department	21	21	23
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= 21	F2= 21	F3= 23
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 15.71	SFR2= 18.86	SFR3= 17.22
Average SFR for 3 years	SFR= 17.26		

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	15	16.00	18.75
2024-25(CAYm1)	6	15	19.00	15.79
2023-24(CAYm2)	7	16	19.00	17.63

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	2.00	4.00	4.00	11.00	15.00
2024-25	2.00	1.00	4.00	5.00	13.00	15.00
2023-24	2.00	2.00	4.00	5.00	13.00	16.00
Average	RF1=2.00	AF1=1.67	RF2=4.00	AF2=4.67	RF2=12.33	AF2=15.33

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	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Analog and Digital Communication	16.00
2	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Antennas and Wave Propagation	14.00
3	Dr Baladastagiri	Technical Project Manager	Techfluent solutions Pvt , Hyd	Electromagnetic Theory and Transmission Lines	15.00
4	Dr Baladastagiri	Technical Project Manager	Techfluent solutions Pvt , Hyd	Microwave Engineering	17.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr Baladastagiri	Technical Project Manager	Techfluent solutions Pvt , Hyd	DSD	14.00
2	Dr Baladastagiri	Technical Project Manager	Techfluent solutions Pvt , Hyd	VLSI	14.00
3	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Microprocessor & Microcontrollers	16.00
4	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Microwave Theory and Techniques	16.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. SK Chowdary	Director, Rtd	DRDO, Hyderabad	Control systems	16.00
2	Dr. SK Chowdary	Director, Rtd	DRDO, Hyderabad	Satellite Communication	16.00
3	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Analog communication	14.00
4	Mohd Shahid Hussain	Embedded Hardware Engineer	H-Labs, Hyd	Digital Communication	16.00

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	43	22	19
2	No. of peer reviewed conference papers published	1	0	5
3	No. of books/book chapters published	2	2	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. Kamel Ali khan Siddiqui Mohammed	Mr. Basava Dhanne	AI and Electronics	IoT-Driven Sensor Fusion Framework for Real-Time Abiotic Plant Stress Monitoring in Precision Agriculture	Aura Labs	12 months	3.30
Dr. Shaik Mahammad Rasool	Mrs. Amena Bano	Electronics	HydroBot: An Autonomous Robotic Platform for Rainwater Harvesting and Precision Agriculture	Virchow Labs	11 months	3.60
						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 .Abdul Wasay Mudassar	Mr. Najeemulla Baig	Electronics	TVWS:Lownoise Amplifier using active Inductor	Virchow Labs	11 months	2.90
Dr. Jabirullah	Mrs. Sapna Gangrade	Electronics	Real Electrical Tilt LTE Design and deployment	Winstar Cellular	9 months	2.70
						Amount received (Rs.):5.60

(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. Shashidhar	Mr.TouseefSumeer	Electronics	Securing Building Automation Systems	Hepta Chemicals	12 months	2.40
Dr. Narsaiah Domala	Dr.Altaf C	Electronics	Design and Fabrication of Fire Extinguishing Drone	Star Nio Chemicals	10 months	2.00
						Amount received (Rs.):4.40

Total Amount (Lacs) Received for the Past 3 Years: 16.90**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. Shaik Mahammad Rasool	Dr .Abdul Wasay Mudassar	Electronics and Communication Engineering	AI Based smart drip irrigation and water optimization system with IOT	Boomibandhan Welfare Foundation	1 Year	2.18
Dr .Abdul Wasay Mudassar	Dr. Shaik Mahammad Rasool	Electronics and Communication Engineering	Automatic Manure Spreader with IoT and AI	Boomibandhan Welfare Foundation	1 year	2.10
Dr. Kamel Ali khan Siddiqui	Mr. Basava Dhanne	Electronics and Communication Engineering	Ventilation Studies	BMR Projects	1 year	5.00
Dr. Altaf C	Mrs. Sapna	Electronics and Communication Engineering	ALOHA testing	BMR Projects	1 year	5.00
						Amount received (Rs.):14.28

(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.Abdul Wasay Mudassar	Mr. Najeemulla Baig	Electronics and Communication Engineering	IoT Based Organic Resedue collection	HARA Everest organics	1 year	1.87
Dr. Jabirullah	Mrs. Sapna Gangrade	Electronics and Communication Engineering	HARA Report	Porus Labs	1 year	2.50
Dr. Narsaiah Domala	Dr.Altaf C	Electronics and Communication Engineering	HARA, EMP, SMP	Vijaya Telangana	1 year	2.50
						Amount received (Rs.):6.87

(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 .Abdul Wasay Mudassar	Dr. Kamel Ali Khan Siddiqui Mohammed	Electronics and Communication Engineering	Gembha Walk	LASA B1	1 year	0.80
Dr. Shaik Mahammad Rasool	Mr. Najeemullah	Electronics and Communication Engineering	Aloha Testing	LASA B2	1 Year	0.80
						Amount received (Rs.):1.60

Total amount (Lacs) received for the past 3 years: 22.75

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
Mr. Md Khaja Pasha	IoT-Driven Smart Waste Segregation System	1 year	1.50	1.50	1 Publication and Prototype
			Amount received (Rs.): 1.50		

(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
Mr. Najeemullah	Next Generation Neuromorphic Semiconductor Architecture for Autonomous systems	6 months	1.50	1.50	1Publication and prototype
Dr. Narsaiah Domala	AI-Native Framework for Enterprise Workforce Economic Modeling and Analytics	6 months	1.00	1.00	1 publication and Prototype
			Amount received (Rs.): 2.50		

(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. Venkata Narasimhulu Chinthaginjala	PoultryGuard: Autonomous Robotic Platform for Early Avian Disease Detection	8 months	1.40	1.40	1 publication and Prototype
Dr.Shashidhar	Development of an Edge-AI Powered Autonomous Patrolling Robot for Commercial Facilities	6 months	1.00	1.00	1 publication and Prototype
			Amount received (Rs.): 2.40		

Total amount (Lacs) received for the past 3 years : 6.40

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	Communication Lab	3	1.CRO, 2.RPS, 3. FunctionGenerators, 4. Trainer Kits, 5. Spectrum Analyzer. 6. Microwave Benches	41.66%	Shaik Anwar Hussain	Lab Technician	ITI
2	Digital electronics lab	3	1.Power Supply, 2. Trainer Kits. 3. RPS, 4. Bread Boards	33.33%	Shaik Anwar Hussain	Lab Technician	ITI
3	COMPUTER LAB 1	1	1. Sci Lab, 2. 30 Systems 8gb Ram, 3. SSD 240 Gb 4. Keil microvision-3 5. Arduino UNO IDE 6. Arduino IOT Trainer kit	83%	Mr.Haji	Lab Assistant	Diploma
4	COMPUTER LAB 2	1	1. VLSI XILINX, 2. System 30 16GB RAM, 3. SSD 480 GB 4. FPGA Kits, 5. MS-DOS,Keil	45%	Mr Jagadeesh	Lab Assistant	B.Tech
5	Electronic Devices and Circuits Lab	3	1. Bread Boards, 2. Ammeter, 3. Multimeter, 4. Components, 5. Trainer Kits 6. RPS, Multimeter	41.66%	Mrs.M. Ashwini	Lab Assistant	B.Tech

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
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1	Computers Lab-1	Basic Safety Measures: 1. Use of Fire extinguisher during hazards. 2.Properly earthed equipment. 3.Medical first aid kit. 4.Electrical safety with proper earthing and chart for electrical shock. Lab Specific: 1.Use of UPS to provide safe shutdown of computer and save data prior to the UPS losing all electrical power. 2.Backup data for recovery.
2	Electronic Devices and Circuits Lab	Basic Safety Measures: 1) Medical first aid kit. 2) Use of Fire extinguisher during hazards. 3) Use of Insulated tools. 4)Use of Proper footwear to avoid electrical shocks. Lab Specific: 1) Electrical safety with proper earthing and chart for electrical shock. 2)Avoid of improperly earthed equipment. 3.)Operate the equipment within operating range.
3	Communication Lab	Basic Safety Measures: 1) Medical first aid kit. 2) Use of Fire extinguisher during hazards. 3) Use of Insulated tools. 4)Use of Proper footwear to avoid electrical shocks. Lab Specific: 1) Electrical safety with proper earthing and chart for electrical shock. 2)Avoid of improperly earthed equipment. 3.)Operate the equipment within operating range.
4	Digital Electronics Lab	Basic Safety Measures: 1) Medical first aid kit. 2) Use of Fire extinguisher during hazards. 3) Use of Insulated tools. 4)Use of Proper footwear to avoid electrical shocks. Lab Specific: 1) Electrical safety with proper earthing and chart for electrical shock. 2)Avoid of improperly earthed equipment. 3.)Operate the equipment within operating range.
5	Computers Lab-2	Basic Safety Measures: 1. Use of Fire extinguisher during hazards. 2.Properly earthed equipment. 3.Medical first aid kit. 4.Electrical safety with proper earthing and chart for electrical shock. Lab Specific: 1.Use of UPS to provide safe shutdown of computer and save data prior to the UPS losing all electrical power. 2.Backup data for recovery.

D3. Project Laboratory/Research Laboratory

Project Laboratory

Lab Name	Equipment's
Project Lab	1.Digital CRO 2.Multimeters 3. CRO 4.Soldering Rods 5.Function Generator

Project Laboratory			
	2024-25	2023-24	2022-23
No. of projects done	10	10	10
No. PO/PSO mapped	8	7-8	8
Working models	3	3	3
Prototypes	2	3	3

List of Projects done in Project lab..**2022-2023**

S.NO	ROLL NO.	NAME	NAME OF THE PROJECT	GUIDE	RELEVANT TO POS, PSOS.
1	160919735013 160919735026 160919735045	Syed Idrees Md Sarfaraz Hussain Shaik Zia Ur Rahman	Home security system using Arduino with IOT.	Mr. D. Narsiah	PO1, PO2, PO3, PO5, PO9, PO11 PSO1, PSO2
2	160919735022 160919735040 160919735019	Mohammed Hameedullah Sadia Anjum Mohammed Faizaan Ali	Embedded IOT car parking and billing system	Mrs.Geethanjali	PO1, PO2, PO3, PO5, PO6, PO10 PSO1, PSO2

3	160919735025 160919735046 160919735041	Md Saqlain Shifa Fathima Sadiq Hussain	Use of gesture recognition for differently abled people	Dr.SMD.Rasool	PO1, PO2, PO3, PO4, PO6, PO9 PSO1, PSO2
4	160919735032 160919735009 160919735011	M. Shashank K. Madhu Kiran M. Mahesh	IOT based surveillance and health monitoring system for elderly and physically challenged people	Mrs.Sapna Gangrade	PO1, PO3, PO4, PO5, PO6, PO11 PSO1, PSO2
5	160919735301 160919735310 160919735030	Md Omer Farooq Syed Aiyazuddin Zain Abdul Wasey	Low power IOT based implementation ECG & health monitoring system.	Dr.ALTAf C	PO1, PO2, PO3, PO5, PO9, PO11 PSO1, PSO2
6	160919735058 160919735309 160919735049	SatyanjalideviVudimudi Saif Ahmed AnasuddinKhadri	IOT Based smart shopping trolley with mobile cart Applications.	Mr.Najeemullah	PO1, PO2, PO3, PO5, PO6, PO10 PSO1, PSO2
7	160919735306 160919735307 160919735027	Md Tajammul Akram Md Khaja Pasha Md ShafahatullahAffan	Design of Medical prototype Robot for nurse assistance.	Mr.Touseef Sumer	PO1, PO2, PO3, PO4, PO6, PO9 PSO1, PSO2
8	160919735033 160919735060 160919735051	Nabeel Mohammed Akbar Syeda Juveriya Syed Faizuddin	Arduino based Lpg leakage detection and prevention system.	Mr.Md.Imaduddin	PO1, PO3, PO4, PO5, PO6, PO11 PSO1, PSO2
9	160919735024 160919735047 160919735035	Md Musharraf Ali Shoaib Zumair Noureen Fatima	Remotely controlled smart home system using voice and IOT.	Mr.Saifullah	PO1, PO2, PO3, PO5, PO9, PO11 PSO1, PSO2
10	160919735017 160919735039 160919735048	Md Touhidoddin P. Dinesh Anil Kumar	Low cost contact thermometry for screening and monitoring during the covid-19 pandemic.	Mr.mirza nemath ali baig	PO1, PO2, PO3, PO5, PO6, PO10 PSO1, PSO2

S.NO.	ROLL NO.	NAME	GUIDE	PROJEC TITLE	RELEVANT TO POS, PSOS
1	160921735008	Mohammedharis Khan	Dr.Altaf C	I2C Based College Bell	PO1, PO2, PO3, PO5, PO9 PSO1
	160921735015	Syedameenuddin Ali			
	160921735033	Mohammedkhaja Pasha Junaid			
	160921735013	Mohammadimran			
2	160921735009	Sayyed Ziayauddinsiraj	Dr.Narsaiah.D	Microcontroller Based Intelligent Car Parking Monitoring System	PO1, PO2, PO3, PO5, PO10, PO11 PSO1, PSO2
	160921735022	Mohammed Murtuzaalvi			
	160921735027	Aryanpatel			
	160921735035	Mohdmustafa Khan			
3	160921735011	Mohammed shafi Uddin	Mr.Touseef sumer	Design Annd Implementation Of A Smart Dustbin Using Arduino And Smart Sensors	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735001	Shaik numan Hussain			
	160921735047	Tanishka sharma			
	160921735043	Mohammed Amaanuddin			

4	160921735016	Mohammed Numan	Mrs.Sharea takreem	Child Incubation System	PO1, PO2, PO3, PO4, PO6, PO11 PSO1, PSO2
	160921735039	Tirumani eshwar Prakash			
	160921735005	Syed Abdul Rehman			
	160921735003	Mohammad Mustafa adnan			
5	160921735018	Sanjana thakur	Mr.Mohammed Imaduddin	LDR Based Street Light System	PO1, PO2, PO3, PO5, PO6, PO9 PSO1
	160921735002	Mohammed baqar Quadri			
	160921735007	Mohammed abu Naser			
	160921735048	Mohd Abdul Kareemghori			
6	160921735054	Mohammed Moinuddin nusair	Dr. SMD. Rasool	Intellegent Automatic Plant Irrigation System With Water Pump Control Based On Soil Moisture Condition	PO1, PO2, PO3, PO5, PO10, PO11 PSO1, PSO2
	160921735062	Mohammad shoaib			
	160921735076	Mohammed Muzammil			
	160921735315	Syedmeer touseef Hussain			
7	160921735055	Mohammed baqtiaar Hussain	Dr. Narsaiah. D	Intelligent Irrigation Control System Using Iot	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735061	Mohd Abdul Quddoos			
	160921735077	Md faisal			
	160921735312	Samaleti ajay			

8	160921735060	Mohd badaruddin	Mr. Touseef Sumer	An Intelligent Traffic Control System For Emergency Vehicle Using Wireless Communication	PO1, PO2, PO3, PO4, PO6, PO11 PSO1, PSO2
	160921735053	Syed hamedkhan			
	160921735059	Hussainbinalial Basarah			
	160921735368	Shaik omermuktar			
9	160921735088	Abdul rahman	Mr.Md Khaja Pasha	Arduino Based Earthquake Detector Using Adxl335	PO1, PO2, PO3, PO5, PO6, PO9 PSO1
	160921735066	Mohammed faizaan Ilyas			
	160921735094	Mohammed saifali			
	160921735303	Guntuka nithish			
10	160921735095	Mohammed sayeed Anwar	Mrs. Sharea Takreem	Power Cut Indication To Eb In The Transmission Line Using Rf Communication	PO1, PO2, PO3, PO5, PO9 PSO1
	160921735307	Mohammad imran			
	160921735064	Mohd arifuddin			
	160921735063	Mohammad irfan			

A.Y 2024-25

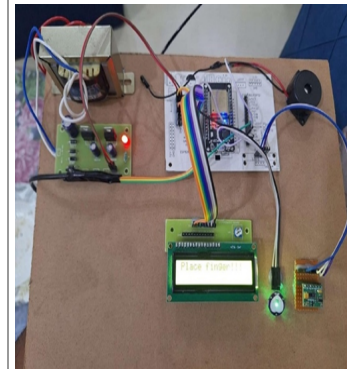
S.NO.	ROLLN.NO	NAME	GUIDE NAME	PROJECT TITLE	RELEVANT TO POS, PSOS
1	160921735054	Mohammed Moinuddin nusair	Dr. Shaik Mohammed Rasool	IOT Based Customer behavior analysis system	PO1, PO2, PO3, PO4, PO5, PO11 PSO1, PSO2
	160921735062	Mohammad shoaib			
	160921735076	Mohammed Muzammil			
	160921735315	Syed meer touseef Hussain			

2	160921735309	Mohammed saad Uddin	Mr. Basava Danne	A plant wearable system for its health monitoring system for Intra and Interplant communication	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735304	M razzak			
	160921735092	Syed mizbaali			
	160921735081	Obeidullah			
3	160921735301	A irfan	Mrs. Rupali Toshniwal	Automatic monitoring and controlling of Wi- Fi based Robotic car through WSN	PO1, PO2, PO3, PO4, PO5, PO9 PSO1, PSO2
	160921735051	Mohd ahrar hussain			
	160921735085	Mohammed abdul Muqet siddiqui			
	160921735074	Syed mohammed Aysermalik			
4	160921735088 160921735066 160921735094 160921735303	Abdulrahman	Mr. Md Khaja Pasha	Digital Twin of Atmospheric Environment: sensor PM2.5 Estimation and action policies recommendation	PO1, PO2, PO4, PO5, PO6, PO11 PSO1, PSO2
		Mohammed faizaan			
		Ilyas			
		Mohammed saifali			
		Guntuka nithish			
5	160921735306	Mohammad akbar Nizamuddin	Mr. Baji Babu	E Health monitoring system using IOT Technology	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735070	Mohammed arshad Ali			
	160921735098	Mohammed affan			
	160921735073	Mohammed faheem			
6	160921735313	Shaik mukthar	Ms. Sharea Tkreem	Design of mobile agriculture data collection equipment based on Raspberry PICO	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735057	Md awadh patel			
	160921735058	Mohammed kabir			
	160921735067	Md Rashad khan			

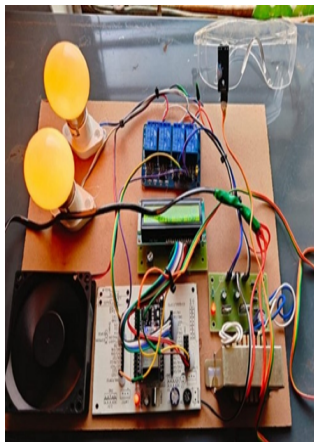
7	160921735314	Shaik saddam Hussain	Dr. Shaik Mohammad Rasool	R Pi PICO based Railway line tracking system for mitigating animal accidents	PO1, PO2, PO3, PO5, PO6, PO9 PSO1, PSO2
	160921735089	Syed mustafa			
	160921735002	Allaparthi dinesh			
	160921735090	Syed ahmed Qasimuddin			
	160921735071	Abdul faisal			
8	160921735095	Mohammed sayeed Anwar	Mrs. Amena Bano	Efficient mobile RFID authentication protocol for smart logistics target tracking	PO1, PO2, PO4, PO5, PO6, PO11 PSO1, PSO2
	160921735307	Mohammad imran			
	160921735064	Mohd arifuddin			
	160921735063	Mohammad irfan			
9	160921735080	Mohammed Abdull ahali irshad	Mr. Md Khaja Pasha	Design and Development of IOT Based weather and Air Quality monitoring station	PO1, PO2, PO3, PO4, PO5, PO11 PSO1, PSO2
	160921735072	Mohammed Ismailuddin			
	160921735096	Mohammed kashif Ali			
	160921735093	Mdaadiladeeb			
10	160921735079	Walkinmuneer syed	Mr. Touseef Sumer	A design Implementation and comparative analysis of AES algorithm	PO1, PO2, PO4, PO5, PO6, PO11 PSO1, PSO2
	160921735310	Mohammed Shafahad			
	160921735305	Md Amaan hussain			
	160921735056	Syed mudassir Ahmed			



Android Based Vehicle Weight Monitoring System for Bridges



Design of a medical prototype nurse assistance for ICU patient using IOT



Implementation of Home Automation



Solar Powered Home Automation and Control



Raspberry Pi Intranet Radio and Streaming Station



IOT Based Digital Notice Board Using Raspberry Pi

Research Lab:

Lab Name	Equipment's
Research Lab	1.Digital CRO 2.Multimeters 3. CRO 4. Computers 5. Function Generators

Research lab			
Faculty R&D projects lab			
	2024-2025	2023-2024	2022-2023
Consultancy	3	3	1
Seed money utilization	1	2	2
Patents	2	-	3
Papers	43	22	19

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)	1200	60	52	18	75
2024-25(CAYm1)	1380	69	54	24	70
2025-26(CAY)	1380	69	55	23	70

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	45000000	35987875	35000000	19380694	38500000	34732695	45000000	43881237
Library	2200000	1213402	2000000	1688694	1850000	1641236	1700000	1651749
Laboratory equipment	8600000	6775421	19400000	14715034	18000000	15573481	14600000	14350663
Teaching and non-teaching staff salary	340000000	338695386	320000000	307817300	325000000	308324416	187500000	186550372
Outreach Programs	2200000	1871287	2000000	1853521	1350000	1045064	100000	84236
R&D	10000000	9728053	9500000	8854558	9000000	8550097	5500000	5044117
Training, Placement and Industry linkage	5500000	3629734	6000000	4975380	5800000	3912920	2850000	2713417
SDGs	400000	165114	350000	285157	250000	205586	70000	58497
Entrepreneurship	2500000	715492	2200000	712893	600000	462569	280000	269087
Others, specify	80000000	55937382	75000000	55809421	55500000	52638687	33580000	32113223
Total	496400000	454719146	471450000	416092652	455850000	427086751	291180000	286716598

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	160000	144426	150000	110950	750000	694853	1650000	1604186
Software	0	0	0	0	0	0	440000	432593
SDGs	20000	9286	20000	19632	20000	14419	5000	4660
Support for faculty development	130000	91244	110000	102762	90000	82329	70000	64847
R & D	1950000	1844500	1850000	1742000	1350000	1254000	800000	726000
Industrial Training, Industry expert, Internship	250000	212903	280000	239777	350000	192101	155000	151309
Miscellaneous Expenses*	190000	159910	280000	190896	190000	165114	140000	123093

Total	2700000	2462269	2690000	2406017	2750000	2402816	3260000	3106688
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