NATIONAL BOARD OF ACCREDITATION

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

Program Name : Printing Technology	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 10682	**Date of Submission**: 07-07-2025

PART A- Profile of the Institute

A1.Name of the Institute: Guru Jambheshwar University of Science and Technology	
Year of Establishment : 1995	Location of the Institute: Guru Jambheshwar University of Science and Technology NH-10 Hisar
A2. Institute Address:Guru Jambheshwar University of Science and Technology NH-10 Hisar Haryana-125001(INDIA)	
City:Hissar	State:Haryana
Pin Code:125001	Website:www.gjust.ac.in
Email:nks54@gjust.org	Phone No(with STD Code):1662-263320
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Not Applicable	City: Hissar
State : Haryana	Pin Code: 125001
A4. Type of the Institution: University	
A5. Ownership Status: State Government	

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

- No. of UG programs: **13**
- No. of PG programs: **7**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master of Computer Application	1996	--	Computer Science and Engineering
2	Engineering & Technology	UG	Artificial Intelligence and Data Science	2024	--	Artificial Intelligence and Data Science
3	Engineering & Technology	UG	Civil Engineering	2018	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	1995	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2021	--	Computer Science and Engineering
7	Engineering & Technology	UG	Electrical Engineering	2019	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electrical and Electronics Engineering
9	Engineering & Technology	UG	Electronics & Computer Engineering	2024	--	Electrical and Electronics Engineering
10	Engineering & Technology	UG	Electronics and Biomedical Engineering	2021	--	Biomedical Engineering
11	Engineering & Technology	PG	Environmental Science & Engineering	1995	--	Environmental Science and Engineering
12	Engineering & Technology	UG	Food Technology	2007	--	Food Technology
13	Engineering & Technology	UG	Information Technology	2001	--	Computer Science and Engineering
14	Engineering & Technology	PG	Masters in Computer Applications	1996	--	Computer Science and Engineering
15	Engineering & Technology	UG	Mechanical Engineering	2004	--	Mechanical Engineering
16	Engineering & Technology	PG	Mechanical Engineering	2006	--	Mechanical Engineering
17	Engineering & Technology	UG	Printing & Packing Engineering	2016	--	Printing Technology
18	Engineering & Technology	UG	Printing Technology	1996	--	Printing Technology
19	Engineering & Technology	PG	Printing Technology	2010	--	Printing Technology
20	Management	PG	Master of Business Administration	1995	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Electrical and Electronics Engineering	No	Electrical Engineering	UG
Printing Technology	No	Printing Technology	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	Printing Technology	UG	1996 / --	60	No	NA	60	1996	1-44640956817	Applying first time	--	--	0	4

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 :	VANDANA
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)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	60	60	60	60
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	60	60	60	33	57	52	47
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	9	18	6	9	20
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	8	10	5	2	4	4	2
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	68	76	74	53	67	65	69

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]
2024-25 (CAY)	60	60	8	113.33
2023-24 (CAYm1)	60	60	10	116.67
2022-23 (CAYm2)	60	60	5	108.33

Average [(ER1 + ER2 + ER3) / 3] = 112.78≡ 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	(2020-21) LYG	(2019-20) LYGm1	(2018-19) 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).	67.00	69.00	80.00
B=No. of students who graduated from the program in the stipulated course duration	65.00	62.00	56.00
Success Rate (SR)= (B/A) * 100	97.01	89.86	70.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 85.62

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1(2023-24)	CAYm2(2022-23)	CAYm3 (2021-22)
Mean of CGPA or mean percentage of all successful students(X)	6.39	6.44	7.29
Y=Total no. of successful students	51.00	34.00	20.00
Z=Total no. of students appeared in the examination	70.00	64.00	33.00
API [X*(Y/Z)]	4.66	3.42	4.42

Average API[(AP1+AP2+AP3)/3] : 4.17

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	6.70	6.66	6.88
Y=Total no. of successful students	60.00	43.00	66.00
Z=Total no. of students appeared in the examination	43.00	38.00	66.00
API [X * (Y/Z)]	9.35	7.54	6.88

Average API [(AP1 + AP2 + AP3)/3] : 7.92

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.20	6.88	7.20
Y=Total no. of successful students	40.00	66.00	64.00
Z=Total no. of students appeared in the examination	43.00	66.00	64.00
API [X*(Y/Z)]:	6.70	6.88	7.20

Average API [(AP1 + AP2 + AP3)/3] : 6.93

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	66.00	69.00	80.00
X=No. of students placed	52.00	43.00	33.00
Y=No. of students admitted to higher studies	11.00	3.00	7.00
Z= No. of students taking up entrepreneurship	0.00	2.00	2.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	95.45	69.57	52.50

Average Placement Index = (P_1 + P_2 + P_3)/3: 72.51 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	A.K BARAL	XXXXXXX27Q	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	06/04/1998	27.1	Assistant Professor	Professor	22/04/2016	Regular	Yes		No
2	AMBRISH PANDEY	XXXXXXX96L	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	30/03/1998	27.1	Assistant Professor	Professor	22/04/2016	Regular	Yes		No
3	AROHIT GOYAT	XXXXXXX11E	M.Tech	GJUST, HISAR	PRINTING TECHNOLOGY	23/08/2004	20.9	Assistant Professor	Associate Professor	23/08/2018	Regular	Yes		No
4	PANKAJ KUMAR	XXXXXXX11C	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	30/08/2004	20.8	Assistant Professor	Associate Professor	30/08/2018	Regular	Yes		No
5	VANDANA	XXXXXXX55F	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	20/08/2004	20.9	Assistant Professor	Associate Professor	20/08/2018	Regular	Yes		Yes
6	ABHISEK SAINI	XXXXXXX93K	M.Tech	GJUST, HISAR	PRINTING TECHNOLOGY	03/05/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
7	SANJEEV KUMAR	XXXXXXX34P	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	03/05/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
8	SATISH	XXXXXXX33D	M.Tech	GJUST, HISAR	PRINTING TECHNOLOGY	03/05/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
9	ANKIT BOORA	XXXXXXX64Q	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	23/07/2014	10.10	Assistant Professor	Assistant Professor		Regular	Yes		No
10	BIJENDER	XXXXXXX71E	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	23/07/2014	10.10	Assistant Professor	Assistant Professor		Regular	Yes		No
11	VIKAS JANGRA	XXXXXXX19L	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	19/05/2017	8	Assistant Professor	Assistant Professor		Regular	Yes		No
12	MOHIT KUMAR	XXXXXXX85J	Ph.D	GJUST, HISAR	PRINTING TECHNOLOGY	19/05/2017	8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	CHETNA GUPTA	XXXXXXX75D	M.Tech	GJUST, HISAR	PRINTING TECHNOLOGY	30/07/2018	6.9	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
14	SUKHDEV SINGH	XXXXXXX19J	M.Tech	GJUST, HISAR	PRINTING TECHNOLOGY	27/07/2018	6.9	Assistant Professor	Assistant Professor		Contractual Fulltime	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 Department2 No. of PG Programs in the Department1

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

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	33	33	33
UG1.C	33	33	33
UG1.D	33	33	33
UG1: Printing & Packing Engineering	**99**	**99**	**99**
UG2.B	66	66	66
UG2.C	66	66	66
UG2.D	66	66	66
UG2: Printing Technology	**198**	**198**	**198**
PG1.A	20	20	20
PG1.B	20	20	20
PG1: Printing Technology	**40**	**40**	**40**
DS=Total no. of students in all UG and PG programs in the Department	337	337	337
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=** 337	**S2=** 337	**S3=** 337
DF=Total no. of faculty members in the Department	14	14	14
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=** 14	**F2=** 14	**F3=** 14
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= 24.07**	**SFR2= 24.07**	**SFR3= 24.07**
Average SFR for 3 years	**SFR= 24.07**		

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)]
2024-25(CAY)	9	5	16.00	17.19
2023-24(CAYm1)	2	12	16.00	10.62

2022-23(CAYm2)	2	12	16.00	10.62

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
2024-25	1.00	2.00	3.00	2.00	11.00	8.00
2023-24	1.00	2.00	3.00	0.00	11.00	10.00
2022-23	1.00	2.00	3.00	0.00	11.00	10.00
Average	RF1=1.00	AF1=2.00	RF2=3.00	AF2=0.67	RF2=11.00	AF2=9.33

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	Sh.Deepak Kumar	Guest Faculty	GJUST	Department of Printing	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sh.Deepak Kumar	Guest Faculty	GJUST	Department of Printing	50.00
2	Sh.Amandeep	Guest Faculty	GJUST	Department of Printing	50.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sh.Deepak Kumar	Guest Faculty	GJUST	Department of Printing	50.00
2	Sh.Amandeep	Guest Faculty	GJUST	Department of Printing	50.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	36	50	30
2	No. of peer reviewed conference papers published	2	4	3
3	No. of books/book chapters published	2	0	0

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

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. Pankaj Kumar	Dr. Vikas Jangra, Dr. Bijender	Printing Technology	Paper requirements for optimum print quality: Hands on training on paper & print quality testing instruments.	Khanna Paper Mills Ltd. B-26, Infocity-1, Sector-34, Gurugram - 122001 Haryana, India.	One Week	645047.00
						Amount received (Rs.):645047.00

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years: 645047.00

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
Dr. Sanjeev Kumar	Study of Ink Trapping in Inkjet Printing	6 Months	1.40	64132.00	Compared ink trapping on different paper substrates in inkjet printing
			Amount received (Rs.): 1.40		

(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)

Total amount (Lacs) received for the past 3 years : 1.40

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	Sheet-Fed Offset Lab	20	1. Sheet-Fed Offset Machine	9hrs	Sh.Ramesh	LAB ATTENDANT	B.Sc
2	Printing Process Lab	20	1. Letter Press Printing Machine 2. Machine A 500pH Steel Rubber Roller	9hrs	Sh.Ramesh	LAB ATTENDANT	B.Sc
3	Binding & Finishing Lab	20	1. Paper Perforating Machine 2. Paper Cutting Machine 3. Paper Rounding Machine 4. Comb Binding	9hr	Sh.Ramjeet	LAB ATTENDANT	BMC
4	Computer to Plate lab	20	1. Computer to Plate Machine	9hrs	Sh.Ravi	LAB ATTENDANT	BACHELOR OF ARTS
5	Gravure Printing Lab	20	1. Gravure Printing Machine	9hrs	Sh.Gulzari	LAB TECHNICIAN	BMC
6	Graphic & Packaging Design Lab	20	1. Hp Computer Set	9hrs	Sh.Pardeep	LAB TECHNICIAN	MASTER OF ARTS
7	Flexography Printing Lab	20	1. Flexographic Printing Machine	9hrs	Sh.Gulzari	LAB TECHNICIAN	MMC
8	Printing Image Generation Lab	20	1. Image Make Model-A (Printing Down Frame)	9hrs	Sh.Ramjeet	LAB ATTENDANT	BACHELOR OF ARTS
9	Reproduction Technology Lab	20	1. Process Camera	9hrs	Sh.Ramjeet	LAB ATTENDANT	BACHELOR OF ARTS
10	Web Offset Lab	20	1. Wed Fed Offset Machine	9hrs	Sh.Anil dalal	LAB TECHNICIAN	BACHELOR OF ARTS
11	Paper & Ink Testing Lab	20	1. Sample Cutter, 2. Digital Tensile Strength Tester, 3. GSM Tester, 4. Stiffness Tester, 5. Automatic hand	9hrs	Sh.Rohtash	LAB ATTENDANT	12th
12	Quality Control Lab	20	1. Spectrophotometer, 2. Eye One Basic Pro-2, 3. X-Rite Spectro-Densitometer, 4. 3D Printer Rapid	9hrs	Sh.Rohtash	LAB ATTENDANT	12th
13	Digital Print Work-flow Lab	20	1. Digital Printing Machine	9hrs	Sh.Rohtash	LAB ATTENDANT	12th
14	Packaging Technology Lab	20	1. Drop Tester 2. Collapsible Tube Sealer Machine 3. Moisture Meter Digital 4. Bottle Cap Sealing Machine	9hrs	Sh.Ravi	LAB ATTENDANT	Bachelor of Arts
15	Computer Application Lab	20	1. Hp Computer Set	9hrs	Sh.Ravi	LAB ATTENDANT	Bachelor of Arts

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Sheet-Fed Offset Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
2	Printing Process Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
3	Binding & Finishing Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
4	Computer to Plate lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
5	Gravure Printing Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
6	Graphic & Packaging Design Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
7	Flexography Printing Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
8	Printing Image Generation Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
9	Reproduction Technology Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.

10	Web Offset Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
11	Paper & Ink Testing Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
12	Quality Control Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
13	Digital Print Work-flow Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
14	Packaging Technology Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed,Students are allowed with lab coat.
15	Computer Application Lab	First- Aid Kits, Fire Extinguisher,All machines are earthed.

D3. Project Laboratory/Research Laboratory

Research Laboratory

PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2022-23(CAYm2)	630	32	32	5	83
2023-24(CAYm1)	630	32	33	6	86
2024-25(CAY)	810	40	34	7	72

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 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up	1040483000	99418000	318500000	40609000	343000000	60339000	321500000	76651000
Library	15810000	8151000	11675000	11208000	13925000	9161000	13925000	8469000
Laboratory equipment	110785000	43915000	40470000	27380000	42875000	18484000	38770000	20034000
Teaching and non-teaching staff salary	1842246000	1274800000	1625800000	1264301000	1628215000	1034925000	1483300000	993812000
Outreach Programs	2422500	1576500	1435000	515000	1350000	400000	1350000	103000
R&D	2560000	1468000	2560000	1717000	1520000	1484000	1520000	1433000
Training, Placement and Industry linkage	1425000	606000	1375000	389000	1500000	321000	1620000	262000
SDGs	2422500	1576500	1435000	515000	1350000	400000	1350000	103000
Entrepreneurship	4569000	1474000	6096000	1637000	16413000	1130000	30660000	14966000
Others, specify	0	0	0	0	0	0	0	0
Total	**3022723000**	**1432985000**	**2009346000**	**1348271000**	**2050148000**	**1126644000**	**1893995000**	**1115833000**

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 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Laboratory equipment	600000	175684	400000	237933	240000	99191	200000	3600
Software	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	0	0	0	0	0	0	0	0
R & D	0	0	0	0	0	0	0	0
Industrial Training, Industry expert, Internship	0	0	0	0	0	0	0	0
Miscellaneous Expenses*	150000	118763	60000	59570	60000	58495	50000	44790
Total	**750000**	**294447**	**460000**	**297503**	**300000**	**157686**	**250000**	**48390**