

NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for: B.Tech. Fashion Technology

A1: Name of the Institute:

KCG COLLEGE OF TECHNOLOGY

Year of Establishment :1998

Location of the Institute: CHENNAI

A2: Institute Address: -

Rajiv Gandhi Salai, Chennai

City : Chennai

State : Tamil Nadu

Pin Code : 600097

Website : www.kcgcollege.com

E-mail : principal@kcgcollege.com

Phone No (with STD Code):044-28389001

A3: Name and Address of the Affiliating University (If any): -

Name of the University : Anna University

City : Chennai

State : Tamil Nadu

Pin Code:600025

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance

☐

Deemed University

☐

University

☐

Autonomous

☒

Non-Autonomous (Affiliated)

☐

Any other (Please specify)

☐

***Provide Details:** _____

A5: Ownership Status: - (Tick the applicable choice)

Central Government

☐

State Government

☐

Government Aided

☐

Self-financing

☒

Any Other (Please specify) *

☐

***Provide Details:** _____

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

❖ No. of UG programs: 15

❖ No. of PG programs: 07

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

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
		B.E / B.Tech			
1	UG	B.E. Computer Science & Engineering	1998	--	Computer Science & Engineering
2	UG	B.E. Electronics & Communication Engineering	1998	--	Electronics & Communication Engineering
3	UG	B.E. Electrical & Electronics Engineering	1998	--	Electrical & Electronics Engineering
4	UG	B.E. Mechanical Engineering	1998	--	Mechanical Engineering
5	UG	B.Tech. Information Technology	2001	--	Information Technology
6	UG	B.E. Aeronautical Engineering	2007	--	Aeronautical Engineering
7	UG	B.E. Civil Engineering	2011	--	Civil Engineering
8	UG	B.E. Automobile Engineering	2018	--	Automobile Engineering
9	UG	B.Tech. Fashion Technology	2018	--	Fashion Technology
10	UG	B.E. Aerospace Engineering	2019	--	Aerospace Engineering
11	UG	B.E. Mechatronics Engineering	2019	--	Mechatronics Engineering
12	UG	B.Tech. Artificial Intelligence & Data Science	2020	--	Artificial Intelligence & Data Science
13	UG	B.E. Computer Science & Engineering (Cyber Security)	2023	--	Computer Science & Engineering (Cyber Security)
14	UG	B.E. Computer Science and Engineering (AI&ML)	2025	--	Computer Science and Engineering (AI&ML)
15	UG	B.E. Biomedical Engineering	2026	--	Biomedical Engineering
		M.E / M.Tech./MCA			
16	PG	ME – Computer Science &Engg.	2010	--	Computer Science & Engineering
17	PG	ME – Communication Systems	2011	--	Electronics & Communication Engg
18	PG	ME – Manufacturing Engineering	2013	--	Mechanical Engineering
19	PG	ME – Power Electronics & Drives	2013	--	Electrical & Electronics Engineering
20	PG	ME – Aeronautical Engineering	2022	--	Aeronautical Engineering
21	PG	MCA – Master of Computer Applications	2025	--	Computer Applications
22	PG	ME – VLSI DESIGN	2026	--	Electronics & Communication Engg

A7: Programs to be considered for Accreditation vide this Application:**Table No. A7.1:** List of programs to be considered for accreditation.

Cluster ID.	Name of the Department	Name of the Program
1.	Fashion Technology	B.Tech Fashion Technology
2.	Mechanical Engineering	B.E. Mechanical Engineering

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)
NOT APPLICABLE		

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

B1: Provide the Required Information for the Program Applied For: -**Table No. B1:** Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	B.Tech. Fashion Technology	2018	60	--	--	F.No. Southern/1-3512546708/2018/EOA Date: 10-Apr-2018	Applying for the first time	Not APPLICABLE
				30	2021	F.No. Southern/1-9323232016/2021/EOA Date:10-Jun-2021		

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

B2: Detail of Head of the Department for the program under consideration:**A. Name of the HoD : Dr Bharani Murugesan****B. Nature of appointment: (Tick the applicable choice)**

- ❖ Regular ☒
- ❖ Contract ☐
- ❖ Ad hoc ☐

C. Qualification: (Tick the applicable choice)

- ❖ Ph.D. ☒
- ❖ ME/M.Tech ☐
- ❖ Any other* ☐

***Please provide details:** _____

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23	CAYm3 2021-22	CAYm4 (LYG) 2020-21	CAYm5 (LYGm1) 20219-20	CAYm6 (LYGm2) 2018-19
N= Sanctioned intake of the program (as per AICTE /Competent authority)	30	30	30	30	30	60	60
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	10	21	10	21	10	9	5
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	6	9	8	4	--
N3= Separate division if any	NA	NA	NA	NA	NA	NA	NA
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	NA	NA	NA	NA	NA	NA	NA
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	10	27	16	30	18	13	5

B4: Enrolment Ratio in the First Year**Table No. B4.1:** Student enrolment ratio in the 1st year.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
N= Sanctioned intake of the program in the 1st year (as per AICTE/Competent authority)	30	30	30
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	10	21	9
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	NA	NA	NA
Enrolment Ratio (ER)= (N1+N4)/N	33.33	70.00	30
Average ER= (ER_1+ ER_2+ ER_3)/3	44.44		

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	LYG 2020-21	LYGm1 2019-20	LYGm2 2018-19
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).	18	12	3
B=No. of students who graduated from the program in the stipulated course duration	18	12	3
Success Rate (SR)= (B/A)*100	100	100	100
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	100		

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

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
X= (Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10)	7.52	7.15	7.15
Y= Total no. of successful students	21	08	19
Z = Total no. of students appeared in the examination	21	09	19
API = $X * (Y/Z)$	7.52	6.36	7.15
Average API = $(API_1 + API_2 + API_3)/3$	7.01		

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 2 nd year/10)	7.53	7.94	6.05
Y= Total no. of successful students	13	23	17
Z =Total no. of students appeared in the examination	15	28	18
API = $X * (Y/Z)$	6.53	6.52	5.71
Average API = $(API_1 + API_2 + API_3)/3$	6.25		

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
(Mean of 3 rd 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 3 rd year/10)	7.6	8	7.44
Y= Total no. of successful students	26	17	11
Z= Total no. of students appeared in the examination	27	18	12
API = X* (Y/Z)	7.31	8.0	6.81
Average API = (API_1 + API_2 + API_3)/3	7.37		

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	18	12	03
X= No. of students placed	16	11	02
Y= No. of students admitted to higher studies	1	1	1
Z= No. of students taking up entrepreneurship	1	--	--
X + Y + Z =	18	12	03
Placement Index (P) = (((X + Y + Z)/FS) * 100)	100	100	100
Average placement index = (P_1 + P_2 + P_3)/3	100		

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

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**

S. No.	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time of Joining in this Institution	Present Designation	The date on which Designated as Professor / Associate Professor if any	Nature of Association (Regular / Contract / Ad hoc)	If contractual mention (Full time or Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case currently Associated is "No")
Academic Year 2024-25													
1	Dr.R.G.Panneerselvam	Ph.D.	Gandhigramam University	Weaving	18/06/18	8	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
2	Dr.V.Bhanu Rekha	Ph.D.	Anna University	Medical Textile	11/6/18	8	Associate Professor	Professor	01/07/22	Regular	--	Yes	10/06/2025
3	Dr.G.Mohamed Zakriya	Ph.D.	Anna University	Technical Textile	15/04/19	8	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
4	Ms. Gowri	M.Tech.	Anna University	Textile Technology	18/01/19	7	Assistant Professor	Assistant Professor		Regular	--	Yes	31/05/2025
5	Mr.S. Sudarsan	M.F. Tech.	Anna University	Fashion Technology	05/08/20	5.9	Assistant Professor	Assistant Professor		Regular	--	Yes	30/05/2025
6	Ms. Anitha Samuel	M.F.M	NIFT Chennai	Apparel Technology	21/09/20	5.8	Assistant Professor	Assistant Professor		Regular	--	Yes	31/05/2025
7	Ms. S.V. Dharaga Selvi	M.Des	NIFT, Kannur	Design Space	15/06/19	8	Assistant Professor	Assistant Professor		Regular	--	Yes	No
8	Ms. P.V Sri Tanush Pandian	M.Tech	NIFT, Bangalore	Fashion Technology	02/01/23	4.4	Assistant Professor	Assistant Professor		Regular	--	Yes	30/05/2025

S. No.	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time of Joining in this Institution	Present Designation	The date on which Designated as Professor / Associate Professor if any	Nature of Association (Regular / Contract / Ad hoc)	If contractual mention (Full time or Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case currently Associated is "No")
Academic Year 2023-24													
1	Dr.R.G.Panneerselvam	Ph.D.	Gandhigramam University	Weaving	18/06/18	7	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
2	Dr.V.Bhanu Rekha	Ph.D.	Anna University	Medical Textile	11/6/18	7	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
3	Dr.G.Mohamed Zakriya	Ph.D.	Anna University	Technical Textile	15/04/19	7	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
4	Ms. Gowri	M.Tech.	Anna University	Textile Technology	18/01/19	6	Assistant Professor	Assistant Professor		Regular	--	Yes	No
5	Mr.S. Sudarsan	M.F. Tech.	Anna University	Fashion Technology	05/08/20	4.9	Assistant Professor	Assistant Professor		Regular	--	Yes	No
6	Ms. Anitha Samuel	M.F.M	NIFT Chennai	Apparel Technology	21/09/20	4.8	Assistant Professor	Assistant Professor		Regular	--	Yes	No
7	Ms. S.V. Dharaga Selvi	M.Des	NIFT, Kannur	Design Space	15/06/19	7	Assistant Professor	Assistant Professor		Regular	--	Yes	No
8	Ms. P.V Sri Tanush Pandian	M.Tech	NIFT, Bangalore	Fashion Technology	02/01/23	3.4	Assistant Professor	Assistant Professor		Regular	--	Yes	No

S. No.	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time of Joining in this Institution	Present Designation	The date on which Designated as Professor / Associate Professor if any	Nature of Association (Regular / Contract / Ad hoc)	If contractual mention (Full time or Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case currently Associated is "No")
Academic Year 2022-23													
1	Dr.R.G.Panneerselvam	Ph.D.	Gandhigramam University	Weaving	18/06/18	6	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
2	Dr.V.Bhanu Rekha	Ph.D.	Anna University	Medical Textile	11/6/18	6	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
3	Dr.G.Mohamed Zakriya	Ph.D.	Anna University	Technical Textile	15/04/19	6	Associate Professor	Professor	01/07/22	Regular	--	Yes	No
4	Ms. Gowri	M.Tech.	Anna University	Textile Technology	18/01/19	5	Assistant Professor	Assistant Professor		Regular	--	Yes	No
5	Mr.S. Sudarsan	M.F. Tech.	Anna University	Fashion Technology	05/08/20	3.9	Assistant Professor	Assistant Professor		Regular	--	Yes	No
6	Ms. Anitha Samuel	M.F.M	NIFT Chennai	Apparel Technology	21/09/20	3.8	Assistant Professor	Assistant Professor		Regular	--	Yes	No
7	Ms. S.V. Dharaga Selvi	M.Des	NIFT, Kannur	Design Space	15/06/19	6	Assistant Professor	Assistant Professor		Regular	--	Yes	No
8	Ms. P.V Sri Tanush Pandian	M.Tech	NIFT, Bangalore	Fashion Technology	02/01/23	2.4	Assistant Professor	Assistant Professor		Regular	--	Yes	No

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

S. No.	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time of Joining in this Institution	Present Designation	The date on which Designated as Professor / Associate Professor if any	Nature of Association (Regular / Contract / Ad hoc)	If contractual mention (Full time or Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case currently Associated is "No")
NOT APPLICABLE													

C2: Student-Faculty Ratio (SFR)

Year	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
UG1. B // 2 nd year students of UG1 program	33	33	33
UG1. C // 3 rd year students of UG1 program	33	33	33
UG1. D // 4 th year students of UG1 program	33	33	66
UG1 // Total no.of students(2 nd , 3 rd , 4 th) in UG1 program	99	99	132
DS=Total no. of students in all UG and PG programs in the Department	99	99	132
AS=Total no. of students of all UG and PG programs in allied departments	NA	NA	NA
S=Total no. of students in the Department (DS) and allied departments (AS)	99	99	132
DF=Total no. of faculty members in the Department	08	08	08
AF= Total no. of faculty members in the allied Departments	--	--	--
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	08	08	08
FF=The faculty members in F who have a 100% teaching load in the first-year courses	FF1	FF2	FF3
Student Faculty Ratio (SFR)=S/(F-FF)	12.38	12.38	16.50
Average SFR for 3 years	13.75		

C3: Faculty Qualification**Table No.C3.1:** Faculty qualification.

Year	X	Y	RF	$FQI = 2.5 * [(10X + 4Y)/RF]$
CAY 2024-25	03	05	06	20.8
CAYm1 2023-24	03	05	06	20.8
CAYm2 2022-23	03	05	06	20.8
Average Assessment				20.8

C4: Faculty Cadre Proportion**Table No.C4.1:** Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY	1	3	1	0	4	5
CAYm1	1	3	1	0	4	5
CAYm2	1	3	1	0	4	5
Average Numbers	RF1=1	AF1=3	RF2=1	AF2=0	RF3=4	AF3=5

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.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1(2023-24)				
1	Prof. Dr. Subramanian Senthil Kannan Muthu	Professor Chief Sustainability Officer- Green story, Hongkong	FT3009 - Garment Finishing and Care FT3405 – Textile Chemical Processing	54
Total no. of hours:				54
CAYm2 (2022-23)				
1	Prof. Dr. Subramanian Senthil Kannan Muthu	Professor Chief Sustainability Officer- Green story, Hongkong	FT3009 - Garment Finishing and Care FT3405 – Textile Chemical Processing	56
Total no. of hours:				56
CAYm3 (2021-22)				
1	Prof. Dr. Subramanian Senthil Kannan Muthu	Professor Chief Sustainability Officer- Green story, Hongkong	FT8401 Textile Chemical Processing FT8702 Garment Finishing and Clothing Care	55
Total no. of hours:				55

C6: Academic Research**Table No. C6.1:** Faculty publication details.

S.N.	Item	CAYm1 2023-24	CAYm2 2022-23	CAYm3 2021-22
1	No. of peer reviewed journal papers published	05	03	06
2	No. of peer reviewed conference papers published	03	02	01
3	No. of books/book chapters published	--	--	--

C7: Sponsored Research Project**Table No. C7.1:** List of sponsored research projects received from external agencies.

S.N.	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)
CAYm1(2023-24)							
1	Dr.G. Mohamed Zakriya	Ms. Dharaga selvi	Fashion Technology	Development of Bilayer sportswear fabric	Rheefit Pvt Ltd., Bengaluru	02 year	08 Lacs
Amount received (Rs.)							
CAYm2(2022-23)							
1	Dr.G. Mohamed Zakriya	-	Fashion Technology	Development comfort fabric for inner wears	Reley Intimate, Komarapalaya m	01 Year	05 lacs
Amount received (Rs.)							
CAYm3(2021-22)							
1	Dr. V. Bhanu Rekha	Dr.G. Mohamed Zakriya	Fashion Technology	Development of Technical Apparels	Arunai Creations, Gobichettipalay am	1.5 year	05 lacs
Amount received (Rs.)							18 lacs
Total Amount (Lacs) Received for the Past 3 Years							18 lacs

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

S.N.	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)
CAYm1 (2023-24)							
1	Dr. V. Bhanu Rekha	Ms. S. V. Dharagaselvi	Fashion Technology	Annual Day costume designing and construction	Hindustan International School, Karapakkam	03 months	07 Lacs
2	Ms. S. V. Dharagaselvi	Ms. S.Sowmya	Fashion Technology	Knit Design developments on forecas	Nirandharan Fashion Studio, Tambaram	06 months	02 lacs
Amount received (Rs.)							09 Lacs
CAYm2 (2022-23)							
1	Dr.G. Mohamed Zakriya	-	Fashion Technology	Development of Bio Box	TVS Flexol Pvt Ltd., Chennai	01	3.5 lacs
Amount received (Rs.)							3.5 Lacs
CAYm3 (2021-22)							
1	Dr. V. Bhanu Rekha	Ms.S.Gowri	Fashion Technology	Development of medical Textile (COVID) products	KRISH INC., Coimbatore	01	5.0 lacs
Amount received (Rs.)							5.0 Lacs
Total amount (Lacs) received for the past 3 years							17.5 Lacs

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.

S.No.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1(2023-24)						
1	Ms. Dharagaselvi & Dr.G. Mohamed Zakriya	Sustainable apparel product development using natural indigo dyes and propagating the rich south Indian tribal art forms	02 year	01	-	Ongoing project
2	Ms. Dharagaselvi	Upcycling and recycling of waste cloth	06	7.5	7.5	Cause for culture : Fashion show
Amount received (Rs.)				8.5		
CAYm2(2022-23)						
1	Dr.G. Mohamed Zakriya	Design and Development of Foot wears for diabetic patients	06	01	01	Proof of concept Prototype developed – Patent applied.
2	Ms. Dharagaselvi	Design and development of fashion garments for Madras couture fashion	06	03	03	Participated in Fashion Show
Amount received (Rs.)				4		
CAYm3(2021-22)						
1	Dr. V. Andal & Dr.G. Mohamed Zakriya	Hydrogen gas Production	06	01	01	Developed the proof of concept – Patent Applied
2	Ms. Dharagaselvi	Development of Fashionable garments for Avantgarde	06	1.5	1.5	Participated in Fashion Show
Amount received (Rs.)				2.5		
Total amount (Lacs) received for the past 3 years				15		

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.

S. No.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Fabric Analysis and Textile Quality Evaluation Laboratory	15	- GSM Cutter, - Fabric counting glass, - Beesley Balance, Electronic balance	32 hours per week	Mr. Vasantharaj	Lab Instructor	B.Sc. Chemistry
2.	Fashion Designing Laboratory	15	Tablets, Designing Tables, Tools, Accessories	30 hours per week	Mr. Vetrivel J	Lab Instructor	Diploma in Garment Technology
3.	Pattern Making Laboratory	15	Pattern Tables, Tools and accessories, Electronic drafting	27 hours per week	Ms. S. Carolin	Lab Instructor	Diploma in Garment Technology
4	Garment Construction Laboratory	15	Sewing machines, Button hole and making machine, Embroidery machine, Overlock machine	52 hours per week	Ms. I. Anu Samuel	Lab Instructor	B.Sc. Fashion Design
5.	Computer Aided Fashion and Garment Design Laboratory	15	Tuka Software, Marvelous software, Gemini CAD	30 hours per week	Ms. Jerlin Jeba	Lab Instructor	Diploma in Garment Technology
6.	Textile Chemical Processing Laboratory	15	HTHP dyeing machine, Padding mangle, Cheese dyeing machine, Water Baths	32 hours per week	Mr. K.P.Kumar	Lab Instructor	Diploma in Printing Technology

D2: Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures
1	Fabric Analysis and Textile Quality Evaluation Laboratory	Ensure calibration of all instruments before taking readings. • Always wear shoes to avoid electrical shocks. • Follow the Standard Operating Procedures (SOP) provided in the laboratory manual.
2	Fashion Designing Laboratory	Use thick paper sheets for watercolour paints. Handle sharp-edged paintbrushes carefully. • Wear shoes and a lab coat. • Follow the SOP as per the laboratory manual.
3	Pattern Making Laboratory	Pins and needles must be stored in designated pearl-head pin folders. Handle measuring tools with care. • Wear shoes and a lab coat. • Handle scissors and shears carefully.
4	Textile Chemical Processing Laboratory	Do not touch, taste, or smell any reagents. Never inhale vapours directly from containers. Do not mix or use chemicals not specified in the experiment. • Wear shoes and a lab coat
5	Garment Construction Laboratory	Ensure needle safety guards are in place. Dispose of broken pins and needles safely. Turn off the sewing machine before changing needles. Do not stretch power cords across the floor. • Wear shoes and a lab coat. • Use ergonomically designed tools.
6	Computer Aided Fashion and Garment Design Laboratory	• Wear shoes and a lab coat while working in the CAD laboratory to ensure personal safety. • Do not install software or connect external storage devices (pen drives, hard disks, etc.) without the permission of the Lab In-charge.

D3: Project Laboratory/Research Laboratory**Table No. D3.1:** List of project laboratory/research laboratory /Centre of Excellence.**Project / Research Laboratories and Facilities**

S. No.	Name of the Laboratory
1	Project Laboratory
2	Textile Chemical Processing Lab
3	Garment Construction Laboratory
4	Garment Quality Assurance Laboratory
5	Fabric Analysis & Textile Quality Evaluation Laboratory

Centre of Excellence

S. No.	Centre of Excellence
1	Centre for Gemini CAD
2	Centre for Sustainable Textiles

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))/RF4
CAY 2024-25	870	44	35	57	89.55
CAYm1 2023-24	810	41	34	70	100
CAYm2 2022-23	660	33	33	32	99.39

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 CFY	Actual Expenses in CFY	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
	2024-25	2024-25	2023-24	2023-24	2022-23	2022-23	2021-22	2021-22
Infrastructure Built-Up	3,60,00,000	3,59,25,689	5,60,00,000	5,61,63,123	1,90,00,000	1,87,29,613	2,00,00,000	2,01,08,831
Library	20,00,000	19,36,280	35,00,000	34,85,117	19,00,000	18,84,910	13,50,000	13,08,569
Laboratory equipment	1,80,00,000	1,80,12,060	65,00,000	63,54,644	1,10,00,000	1,16,51,630	2,60,00,000	2,55,47,392
Teaching and non-teaching staff salary	18,50,00,000	18,55,94,081	15,50,00,000	15,33,50,809	14,25,00,000	14,14,16,661	11,50,00,000	11,38,23,783
Outreach Programs			30,00,000	29,11,763	34,00,000	33,75,312		
R&D	50,00,000	50,94,808	35,00,000	34,38,811	14,50,000	14,59,483	23,00,000	22,68,788
Training, Placement and Industry linkage	2,60,00,000	2,61,18,718	1,80,00,000	1,85,83,528	80,00,000	80,14,359	55,00,000	54,14,957
SDGs	11,00,000	11,00,000	9,00,000	8,80,000	8,00,000	7,74,000		
Entrepreneurship	10,00,000	9,97,948	8,00,000	7,62,000	4,00,000	3,75,000		
Others, specify#	19,20,00,000	19,08,88,840	17,25,00,000	17,14,52,268	11,75,00,000	11,65,36,563	10,50,00,000	10,57,75,896
Total amount	46,61,00,000	46,56,68,424	41,97,00,000	41,73,82,063	30,59,50,000	30,42,17,531	27,51,50,000	27,42,48,216

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 CFY	Actual Expenses in CFY	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
	2024-25	2024-25	2023-24	2023-24	2022-23	2022-23	2021-22	2021-22
Laboratory equipment	14,00,000	14,05,000						
Software	2,00,000	2,10,820	2,75,000	2,75,320	90000	90000	90000	90000
SDGs	78,571	78,571	64,285	62,857	57,143	55,286		
Support for faculty development	78,000	82,000	75,000	80,000	70,000	67,500		
R & D	3,50,000	3,63,915	9,00,000	8,50,000	4,20,000	4,00,000	2,40,000	2,50,000
Industrial Training, Industry expert, Internship	200000	1,92,500	2,00,000	1,85,150	50,000	42,500	50,000	40,000
Miscellaneous expenses *	3814286	37,89,307	18,58,810	18,55,227	176905	172112	62500	54797
Total amount	61,20,857	61,22,113	33,73,095	33,08,554	8,64,048	8,27,397	4,42,500	4,34,797

