

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Science and Engineering	Discipline: Engineering & Technology
Level : Under Graduate	Tier: 1
Application No: 10907	Date of Submission: 25-07-2025

PART A- Profile of the Institute

A1.Name of the Institute: National Institute of Technology Manipur	
Year of Establishment : 2010	Location of the Institute: Langol Imphal-795004 Manipur(INDIA)
A2. Institute Address: NIT Manipur, Langol, Imphal-795004, Manipur(INDIA) Dr. Kh. Manglem Singh	
City:Imphal East	State:Manipur
Pin Code:795004	Website:www.nitmanipur.ac.in
Email:nbanitmanipur@gmail.com	Phone No(with STD Code):0385-2058566
A3. Name and Address of the Affiliating University (if any):	
Name of the University : MHRD New Delhi	City:
State :	Pin Code: 795004
A4. Type of the Institution: NIT	
A5. Ownership Status: Central Government	

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

- No. of UG programs: **5**
- 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	Engineering & Technology	UG	Civil Engineering	2013	--	Civil Engineering
2	Engineering & Technology	PG	Communication & Signal Processing	2022	--	Electronics and Communication Engineering
3	Engineering & Technology	UG	Computer Science and Engineering	2010	--	Computer Science and Engineering
4	Engineering & Technology	PG	Computer Science and Engineering	2014	--	Computer Science and Engineering
5	Engineering & Technology	UG	Electrical Engineering	2014	--	Electrical Engineering
6	Engineering & Technology	UG	Electronics & Communication Engineering	2010	--	Electronics and Communication Engineering
7	Engineering & Technology	PG	Environmental & Water Resource Engineering	2014	--	Civil Engineering
8	Engineering & Technology	UG	Mechanical Engineering	2013	--	Mechanical Engineering
9	Engineering & Technology	PG	Power System & Control	2014	--	Electrical Engineering
10	Engineering & Technology	PG	Structural Engineering	2022	--	Civil Engineering
11	Engineering & Technology	PG	Thermal & Fluid Engineering	2014	--	Mechanical Engineering
12	Engineering & Technology	PG	VLSI & Embedded Systems	2014	--	Electronics and Communication 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
Electronics and Communication Engineering	No	Electronics & Communication Engineering	UG
Civil Engineering	No	Civil Engineering	UG
Computer Science and Engineering	No	Computer Science and 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 APPROVAL DETAILS
1	Computer Science and Engineering	UG	2010 / --	30	Yes	2019	60	2019	BOG Approved

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 :	Yambem Jina Chanu
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	69	65	67	71	63	62	57
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	0	0	0	0
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	13	12	14	13	0	0	0

Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	82	77	81	84	63	62	57
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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	69	13	136.67
2023-24 (CAYm1)	60	65	12	128.33
2022-23 (CAYm2)	60	67	14	135.00

Average [(ER1 + ER2 + ER3) / 3] = 133.33≡ 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).	63.00	62.00	60.00
B=No. of students who graduated from the program in the stipulated course duration	59.00	62.00	57.00
Success Rate (SR)= (B/A) * 100	93.65	100.00	95.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 96.22

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)	7.71	8.15	8.52
Y=Total no. of successful students	77.00	81.00	84.00
Z=Total no. of students appeared in the examination	65.00	67.00	71.00
API [X*(Y/Z)]	9.13	9.85	10.00

Average API[(AP1+AP2+AP3)/3] : 9.66

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 2nd year/10)	7.76	8.20	8.53
Y=Total no. of successful students	81.00	83.00	59.00
Z=Total no. of students appeared in the examination	81.00	84.00	61.00
API [X * (Y/Z)]	7.76	8.10	8.25

Average API [(AP1 + AP2 + AP3)/3] : 8.04

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)	8.21	8.42	8.16
Y=Total no. of successful students	83.00	59.00	62.00
Z=Total no. of students appeared in the examination	83.00	59.00	62.00
API [X*(Y/Z)]:	8.21	8.42	8.16

Average API [(AP1 + AP2 + AP3)/3] : 8.26

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	60.00	62.00	60.00
X=No. of students placed	35.00	56.00	51.00
Y=No. of students admitted to higher studies	10.00	3.00	7.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	75.00	95.16	96.67

Average Placement Index = (P_1 + P_2 + P_3)/3: 88.94 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)	Current Association (Y/N)
1	Khumanthem Manglem Singh	XXXXXXXX69D	Ph.D	IIT Guwahati	Image Processing	22/09/2014	10.10	Associate Professor	Professor	11/09/2018	Regular	Yes
2	Khelchandra Thongnam	XXXXXXXX33G	Ph.D	The University of Aizu, Japan	Artificial Intelligence	04/08/2011	13.11	Assistant Professor	Associate Professor	19/10/2023	Regular	Yes
3	Yambem Jina Chanu	XXXXXXXX38K	Ph.D	NERIST	Speech Processing	21/01/2015	10.6	Assistant Professor	Associate Professor	21/11/2022	Regular	Yes
4	Khundrakpam Jhonson Singh	XXXXXXXX89C	Ph.D	NIT Durgapur	Information Security	23/12/2019	5.7	Assistant Professor	Assistant Professor		Regular	Yes
5	Oinam Bidyapati Chanu	XXXXXXXX19C	Ph.D	NIT Nagaland	Information Security	26/12/2022	2.6	Assistant Professor	Assistant Professor		Regular	Yes
6	Yumnam Surajkanta	XXXXXXXX59D	Ph.D	NIT Silchar	Digital Geometry	26/10/2023	1.8	Assistant Professor	Assistant Professor		Regular	Yes
7	Ujjwal Biswas	XXXXXXXX44J	Ph.D	IIT Guwahati	Human Computer Interaction	13/03/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes
8	Moirangthem Dennis Singh	XXXXXXXX13Q	Ph.D	Kyungpook National University South Korea	Machine Learning	05/03/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes
9	Thiyam Susma Devi	XXXXXXXX74K	Ph.D	IIT Guwahati	Speech Processing	26/07/2016	9	Lecturer	Assistant Professor		Regular	Yes
10	Chingakham Neeta Devi	XXXXXXXX49N	Ph.D	Assam University	Natural Language Processing	01/01/2013	12	Assistant Professor	Assistant Professor		Contractual Fulltime	No
11	Anuradha Laishram	XXXXXXXX67C	Ph.D	NIT Manipur	Artificial Intelligence	15/01/2014	11.1	Lecturer	Assistant Professor		Contractual Fulltime	No
12	Maibam Mangalleibi Chanu	XXXXXXXX17C	Ph.D	NIT Manipur	Artificial Intelligence	15/01/2014	11.1	Lecturer	Assistant Professor		Contractual Fulltime	No
13	Teressa Longjam	XXXXXXXX19N	Ph.D	NIT Durgapur	Information Security	15/09/2014	10.10	Lecturer	Assistant Professor		Contractual Fulltime	No

14	Sanabam Bineshwar Singh	XXXXXXX42H	M.Tech	SRM Chennai	Artificial Intelligence	05/09/2014	10.3	Lecturer	Assistant Professor		Contractual Fulltime	No
15	D V L N SOMAAYJULU	XXXXXXX04H	Ph.D	IIT Delhi	Databases	01/06/2024	1.1	Professor	Professor	01/06/2024	Regular	Yes

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 Department1

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

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	60	60	60
UG1.C	60	60	60
UG1.D	60	60	60
UG1: Computer Science and Engineering	180	180	180
PG1.A	19	19	19
PG1.B	19	19	15
PG1: Computer Science and Engineering	38	38	34
DS=Total no. of students in all UG and PG programs in the Department	218	218	214
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= 218	S2= 218	S3= 214
DF=Total no. of faculty members in the Department	8	11	10
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= 8	F2= 11	F3= 10
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= 27.25	SFR2= 21.80	SFR3= 21.40
Average SFR for 3 years	SFR= 23.48		

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 = $2.5 \times [(10X + 4Y) / RF]$
2024-25(CAY)	8	0	10.00	20.00
2023-24(CAYm1)	8	3	10.00	23.00
2022-23(CAYm2)	7	3	10.00	20.50

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:}$.
- RF2= No. of Associate Professors required = $2/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$.
- RF3= No. of Assistant Professors required = $6/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$.
- 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	2.00	2.00	7.00	4.00
2023-24	1.00	1.00	2.00	1.00	7.00	4.00
2022-23	1.00	1.00	2.00	0.00	7.00	4.00
Average	RF1=1.00	AF1=1.33	RF2=2.00	AF2=1.00	RF2=7.00	AF2=4.00

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

(CAYm1)

(CAYm2)

(CAYm3)

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	21	10	26
2	No. of peer reviewed conference papers published	20	2	2
3	No. of books/book chapters published	1	0	0

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. Khelchandra Thongam	Dr. Kh. Johnson Dr. K. Anand Dr. Anuradha Laishram	CSE	Development of AI Translation Software from English to Manipuri Meitei Mayek (script) and Roman Alphabet	High Court of Manipur	1 year 3 months	16.52
Dr. Benjamin Shimray	Dr. Khelchandra Thongam Dr. Anuradha Laishram	CSE and EE	Development of mHealth Solution in Remote Tribal Areas of Manipur through a Customized Mobile Solution	DST (NM-ICPS), Govt. of India	2 years	40.34
Dr. Yambem Jina Chanu	Prof. Khumanthem Manglem Singh, Dr. Th. Rupachandra Singh, Dr. Ch. Neeta Devi	CSE	Mao Language Automatic Speech Recognition (ASR)	Tribal Area Sub Plan(TSP) scheme of IBITF	2 years	34.02
Dr. Oinam Bidyapati Chanu		CSE	Manipuri Sign Language Recognizer Based on AI	DST Manipur	1 Year	1.20
Dr.Khundrakpam Johnson Singh	Dr.Ch Neeta Devi	CSE	Developing printed Meitei Mayek recognition system and converting to speech to bridge a generation gap of the language	DST Manipur	1 Year	1.30
						Amount received (Rs.):93.38

(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. Yambem Jina Chanu	Prof. Khumanthem Manglem Singh	CSE	To Develop an Artificial Intelligence(AI) based Meiteilon Speech to Meitei Mayek Script System.	DST Manipur	1 year	0.90
Dr. Yambem Jina Chan	Prof. Khumanthem Manglem Singh	CSE	A Novel TDNN-LiGRU approach for CS ASR Meiteilon/Manipuri English	Agency-(CRG) SERB, DST	3 years	24.50
						Amount received (Rs.):25.40

(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. Yambem Jina Chanu	Prof. Khumanthem Manglem Singh	CSE	Speech Technologies in Indian Languages (Northeastern Languages)	MeitY, GOI	3 years	24.00
						Amount received (Rs.):24.00

Total Amount (Lacs) Received for the Past 3 Years: 142.78

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. Khelchandra Thongam	Dr. Kh. Johnson Dr. Anuradha Laishram Mr. S. Bineshwar Mr. Kh. Panthoi	CSE	Identifying the best practices for the High Court and District Court functioning, technical specification, technical evaluation and training of IT team	High Court of Manipur	1 year	0.45
						Amount received (Rs.):0.45

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years: 0.45

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)

(CAYm2)

(CAYm3)

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

PART D: Laboratory Infrastructure in the Department
(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Computer Programming Laboratory	30	Desktop Systems	12 hours per w	Premson Sing	Premson Sing	M Tech
2	Microprocessor and Digital Design Laboratory	25	Digital Circuit Trainer Kit, 8085 Microprocessor Trainer Kit 3 hrs per week	3 hrs per week	Surma Thiyan	Technical Assi	M. Tech
3	Microprocessor and Digital Design Laboratory	25	Digital Circuit Trainer Kit, 8085 Microprocessor Trainer Kit 3 hrs per week	3 hrs per week	Sanasam Ren	Technician	M Tech
4	System Programming Laboratory	35	Computer System	11 hrs per wee	Ksh Merina Dε	Technical Assi	M Tech

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Computer Programming Lab	1) C.C.TV (closed circuit Television) cameras in corridors 2) First Aid Box 3) Fire Safety

2	Systems Programming Lab	1) C.C.TV (closed circuit Television) cameras in corridors 2) First Aid Box 3) Fire Safety
3	Microprocessor Design Lab	1) C.C.TV (closed circuit Television) cameras in corridors 2) First Aid Box 3) Fire Safety

D3. Project Laboratory/Research Laboratory

a) Department of CSE has established Khonthok Lon Lab to pursue research on Human spoken language technology , namely ASR Mao, Code Switched ASR Manipuri-English, TTS Manipuri/Meiteilon, Keyword Spotting System, Acoustic analysis of endangered language of Manipur in collaboration with institutes like IIT Guwahati, IIIT Sricity, CDAC Kolkatta, IIT Madras, etc under project funded by various funding agencies namely (Bhashini for North Eastern Speech Technologies),MEITY, ANRF, IITBhillai. Around 10 project staff under two PIs are pursuing collaborative research, b) AI Lab: This lab has been established to pursue research on Machine Learning, Natural Language Processing, Digital Image Processing, Computer Vision, IoT, Healthcare, Robot Navigation, Smart Farming, etc. By using this lab facility, the faculties and students have executed projects such Translation services for High-court of Manipur.
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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)	180	9	12	3	113
2023-24(CAYm1)	180	9	13	3	122
2024-25(CAY)	180	9	14	3	131

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	13926794	13015695	9731860	9095196	7723205	7217949	5097581	4764094
Library	0	0	0	0	0	0	0	0
Laboratory equipment	2070000	2068136	1230000	1221377	660000	655196	1800000	178648
Teaching and non-teaching staff salary	149774808	146838047	123543035	121120623	107348540	105243667	93281864	91452808
Outreach Programs	435000	415690	3350000	3328043	3200000	3161529	8700000	8698971
R&D	76893488	74653872	73327228	71191483	58372811	56672632	48168353	46765391
Training, Placement and Industry	3317936	3252878	2072378	2031743	2153731	2111501	1174094	1151073

SDGs	2000000	1893957	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify (Consultancy fees,	1050000	1026121	3000000	2550731	35000000	3110228	500000	483730
Total	249468026	243164396	216254501	210539196	214458287	178172702	158721892	153494715

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	4178038	3904709	2919558	2728559	2316962	2165385	1529274	1429228
Software	626706	585706	437934	409284	347544	342808	229391	214384
SDGs	600000	568187	0	0	0	0	0	0
Support for faculty development	44932442	44051414	37062911	36336187	32204562	31573100	27984559	27435842
R & D	23068046	22396162	21998168	21357445	17511843	17001790	14450506	14029617
Industrial Training, Industry expert,	995381	975863	621713	609523	646119	633450	352228	345322
Miscellaneous Expenses*	315000	307836	1800000	1757912	1890000	1881527	255000	2537006
Total	74715613	72789877	64840284	63198910	54917030	53598060	44800958	45991399