

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 : 2
Application No : 11751	Date of Submission : 21-04-2026

PART A- Profile of the Institute

A1.Name of the Institute : DR. B.C. ROY ENGINEERING COLLEGE	
Year of Establishment : 2000	Location of the Institute: 235444 N 873417 E
A2. Institute Address :JEMUA ROAD, FUJTHORE, DURGAPUR-713206	
City:DURGAPUR	State:West Bengal
Pin Code:713206	Website:www.bcrec.ac.in
Email:PRINCIPAL@BCREC.ORG	Phone No(with STD Code):0343-2501353
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Nadia
State : West Bengal	Pin Code: 741249
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: **10**
- No. of PG programs: **6**

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	2005	--	Computer Application
2	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science and Design	2021	--	Computer Science and Design
4	Engineering & Technology	UG	Computer Science and Engineering	2000	--	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)	2022	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
7	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
8	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2022	--	Computer Science and Engineering (Data Science)
9	Engineering & Technology	UG	Electrical Engineering	2000	--	Electrical Engineering
10	Engineering & Technology	PG	Electronics & Communication Engineering	2009	--	Electronics and Communication Engineering
11	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2000	--	Electronics and Communication Engineering
12	Engineering & Technology	UG	Information Technology	2000	--	Information Technology
13	Engineering & Technology	UG	Mechanical Engineering	2003	--	Mechanical Engineering
14	Engineering & Technology	PG	Mechanical Engineering	2012	--	Mechanical Engineering

15	Engineering & Technology	PG	Power Systems	2007	--	Electrical Engineering
16	Management	PG	Master of Business Administration	2004	--	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
Computer Science and Engineering	Yes	Computer Science and 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)

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Design	Computer Science and Design	UG
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG
Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG
Information Technology	Information Technology	UG

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/COMPE AUTHORITY A DETAILS
1	Computer Science and Engineering	UG	2000 / --	60	Yes	2024	180	2024	F.No. Eastern/1 43660195230/2

Sanctioned Intake for Last Five Years for the Computer Science and Engineering**Academic Year** **Sanctioned Intake**

2025-26	180
2024-25	180
2023-24	120
2022-23	120
2021-22	120
2020-21	120

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	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
1	Computer Science and Design	Computer Science and Design	UG	2021 / --	60	No	NA	60	2021
2	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG	2022 / --	30	Yes	2024	60	2024

SR.NO.	ALLIED DEPARTMENT NAME	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
Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence & Machine Learning)									
Academic Year			Sanctioned Intake						
2025-26			60						
2024-25			60						
2023-24			30						
2022-23			30						
2021-22			0						
2020-21			0						
3	Information Technology	Information Technology	UG	2000 / --	60	No	NA	60	2000
4	Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG	2022 / --	60	No	NA	60	2022
5	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2024 / --	60	No	NA	60	2024

B2. Detail of Head of the Department for the program under consideration:

A. Name of the HoD :	Dr. Raj Kumar Samanta
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)	180	180	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	178	192	126	127	124	121	123
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	7	15	12	14	14	12
N3=Separate division if any	0	2	0	1	2	11	7
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.	178	201	141	140	140	146	142
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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]
2025-26 (CAY)	180	178	0	98.89
2024-25 (CAYm1)	180	192	0	106.67
2023-24 (CAYm2)	120	126	0	105.00

Average [(ER1 + ER2 + ER3) / 3] = 103.52≅ 100

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	134.00	141.00	140.00
B=No. of students who graduated from the program in the stipulated course duration	119.00	137.00	140.00
Success Rate (SR)= (B/A) * 100	88.81	97.16	100.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 95.32

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)
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 1st year/10)	7.84	7.59	7.26
Y=Total no. of successful students	190.00	123.00	123.00
Z=Total no. of students appeared in the examination	192.00	126.00	127.00
API [X*(Y/Z)]	7.76	7.41	7.03

Average API[(AP1+AP2+AP3)/3] : 7.40

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 2nd year/10)	7.48	7.66	7.51
Y=Total no. of successful students	136.00	135.00	132.00
Z=Total no. of students appeared in the examination	138.00	135.00	135.00
API [X * (Y/Z)]	7.37	7.66	7.34

Average API [(AP1 + AP2 + AP3)/3] : 7.46

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)	7.65	7.65	7.77
Y=Total no. of successful students	133.00	131.00	144.00
Z=Total no. of students appeared in the examination	135.00	132.00	146.00
API [X*(Y/Z)]:	7.54	7.59	7.66

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	134.00	144.00	140.00
X=No. of students placed	75.00	88.00	110.00
Y=No. of students admitted to higher studies	3.00	4.00	3.00
Z= No. of students taking up entrepreneurship	0.00	1.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	58.21	64.58	80.71

Average Placement Index = (P_1 + P_2 + P_3)/3: 67.83 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)	Cu As (Y
1	Dr. Raj Kumar Samanta	XXXXXXXX73A	Ph.D	NIT, Durgapur	Intelligent Systems, Computer Network	02/05/2013	12.10	Associate Professor	Professor	16/05/2019	Regular	Ye
2	Dr. Sumana Kundu	XXXXXXXX09P	Ph.D	NIT, Durgapur	Pattern Recognition	01/11/2022	3.1	Associate Professor	Associate Professor	01/11/2022	Regular	Nc
3	Dr. Arindam Ghosh	XXXXXXXX10M	Ph.D	NIT, Durgapur	Internet of things, Machine Learning	04/09/2012	13.4	Assistant Professor	Associate Professor	15/07/2022	Regular	Nc
4	Dr. Pabitra Kumar Dey	XXXXXXXX31J	Ph.D	NIT, Durgapur	Machine Intelligence	10/08/2007	18.7	Lecturer	Professor	01/11/2025	Regular	Ye
5	Dr. Chandan Bandopadhyay	XXXXXXXX86G	Ph.D	I.I.E.S.T, Shibpur	Quantum Computing	01/07/2022	3.9	Associate Professor	Associate Professor	01/07/2022	Regular	Ye
6	Dr. Falguni Chakraborty	XXXXXXXX01D	Ph.D	NIT, Durgapur	Computer Vision & AI	20/09/2008	17.6	Lecturer	Associate Professor	01/11/2025	Regular	Ye
7	Dr. Vedatrayee Chatterjee	XXXXXXXX42J	Ph.D	O S G University, Haryana	Optimization using Machine Learning	07/01/2026	0.2	Associate Professor	Associate Professor	07/01/2026	Regular	Ye
8	Dr. Bappaditya Das	XXXXXXXX77D	Ph.D	RAMA University, UP	Machine Intelligence	07/09/2005	20.6	Lecturer	Associate Professor	01/11/2025	Regular	Ye
9	Dr. Anirban Bose	XXXXXXXX57R	Ph.D	I.I.E.S.T, Shibpur	Image Water Marking	26/07/2006	19.8	Lecturer	Assistant Professor		Regular	Ye
10	Dr. Anandaprova Majumder	XXXXXXXX91D	Ph.D	NIT, Durgapur	Lexical steganography, Machine Learning	17/08/2012	13.7	Assistant Professor	Assistant Professor		Regular	Ye
11	Dr. Chandan Das	XXXXXXXX37Q	Ph.D	I.I.E.S.T, Shibpur	Routing Algorithms	03/07/2007	18.8	Lecturer	Assistant Professor		Regular	Ye
12	Dr. Deepa Naik	XXXXXXXX19N	Ph.D	NIT, Durgapur	Cloud Computing	11/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Ye
13	Dr. Sanjib Saha	XXXXXXXX18K	Ph.D	NIT, Durgapur	Machine learning for Data science and Analysis	07/01/2012	14.2	Assistant Professor	Assistant Professor		Regular	Ye
14	Hiranmay Samaddar	XXXXXXXX95N	M.E.	Jadavpur University	Optimization, AI, Soft Computing	17/07/2007	18.8	Assistant Professor	Assistant Professor		Regular	Ye
15	Saindhab Chattaraj	XXXXXXXX59M	M.Tech	NIT, Durgapur	SAP	02/08/2008	17.7	Lecturer	Assistant Professor		Regular	Ye

16	Amitabha Mandal	XXXXXXXX52H	M.Tech	N.I.T.T.R	Machine Intelligence, Image Processing, Medical Image Analysis	02/08/2008	17.7	Lecturer	Assistant Professor		Regular	Ye
17	Sabbir Reza Tarafdar	XXXXXXXX25A	M.E.	Anna University	Machine Intelligence, Image Processing	03/04/2009	16.11	Lecturer	Assistant Professor		Regular	Ye
18	Kalpna Roy	XXXXXXXX77G	M.Tech	WBUT	Network and Data Security	23/02/2010	16	Lecturer	Assistant Professor		Regular	Nc
19	Biswajit Mondal	XXXXXXXX67J	M.Tech	C.U	Network Security	23/02/2010	16.1	Lecturer	Assistant Professor		Regular	Ye
20	Biswadev Goswami	XXXXXXXX93F	M.Tech	Jadavpur University	Image Processing	16/04/2010	15.11	Assistant Professor	Assistant Professor		Regular	Ye
21	Syed Zahir Hasan	XXXXXXXX48M	M.Tech	NIT, Durgapur	Cloud Computing	16/08/2012	13.7	Assistant Professor	Assistant Professor		Regular	Ye
22	Ruma Ghosh	XXXXXXXX41L	M.Tech	Jadavpur University	Image Processing	04/09/2012	13.6	Assistant Professor	Assistant Professor		Regular	Ye
23	Rajib Kumar Mondal	XXXXXXXX47F	M.Tech	WBUT	Optimization, Genetic Algorithm	11/02/2016	10.1	Assistant Professor	Assistant Professor		Regular	Ye
24	Joyjit Patra	XXXXXXXX14G	M.Tech	WBUT	Machine learning, Soft Computing, Image Processing	18/12/2020	5.3	Assistant Professor	Assistant Professor		Regular	Ye
25	Dr. Sovan Bhattacharya	XXXXXXXX18N	Ph.D	NIT, Durgapur	Machine learning for Data science and Analysis	18/12/2020	5.3	Assistant Professor	Assistant Professor		Regular	Ye
26	Sayan De	XXXXXXXX42C	M.Tech	MAKAUT	Natural Language Processing, Deep Learning	05/02/2025	1.1	Assistant Professor	Assistant Professor		Regular	Ye
27	Priyanka Sarkar	XXXXXXXX92H	M.E.	Jadavpur University	IOT	03/11/2025	0.4	Assistant Professor	Assistant Professor		Regular	Ye
28	Kuntal Sarkar	XXXXXXXX12R	M.Tech	IIT, Patna	Image Processing	07/01/2026	0.2	Assistant Professor	Assistant Professor		Regular	Ye
29	Ravi Singh	XXXXXXXX22C	M.Tech	Uttarakhand Technical University	Natural Language Processing	19/03/2026	0	Assistant Professor	Assistant Professor		Regular	Ye
30	Santu Kundu	XXXXXXXX62B	M.Tech	NIT, Durgapur	Machine Intelligence	19/05/2025	0.10	Assistant Professor	Assistant Professor		Regular	Ye
31	Dr. Sayan Gupa	XXXXXXXX06Q	Ph.D	NIT, Durgapur	Image Processing	16/05/2023	2.10	Assistant Professor	Assistant Professor		Regular	Ye
32	SUVOBRATA SARKAR	XXXXXXXX46P	M.Tech	AAIDU	Soft Computing	01/09/2007	17.7	Assistant Professor	Assistant Professor		Regular	Nc

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	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	N A (F C A)
1	Monalisa Chakraborty	XXXXXXXX42E	NA	M.Tech	University of Burdwan	Soft Computing	18/12/2020	5.3	Assistant Professor	Assistant Professor		R
2	NASIM ANJUM HOQUE	XXXXXXXX15B	NA	M.Tech	University of Burdwan	Cellular Intelligent System	11/07/2022	3.8	Assistant Professor	Assistant Professor		R
3	SWADHIN KUMAR MONDAL	XXXXXXXX35R	NA	M.Tech	MAKAUT	Machine Intelligence	12/07/2022	3.8	Assistant Professor	Assistant Professor		R

4	Prabal Kumar Sahu	XXXXXXX11E	NA	M.Tech	Jadavpur University	Multimedia, AIML	01/04/2005	21	Assistant Professor	Assistant Professor		R
5	DR. MOUMITA PRADHAN	XXXXXXX10D	NA	Ph.D	NIT, Durgapur	Swarm Intelligence	02/09/2005	20.7	Assistant Professor	Assistant Professor		R
6	MD. KERAMOT HOSSAIN MONDAL	XXXXXXX62L	NA	M.Tech	NIT, Durgapur	QML	11/07/2006	19.9	Assistant Professor	Assistant Professor		R
7	MANAS KUMAR ROY	XXXXXXX25N	NA	M.Tech	WBUT	Network and Data Security	03/10/2007	18.6	Assistant Professor	Assistant Professor		R
8	PRIYANKA ROY	XXXXXXX50L	NA	M.Tech	WBUT	Network and Data Security	01/07/2010	15.9	Assistant Professor	Assistant Professor		R
9	AMIT KUMAR MUKHERJEE	XXXXXXX82C	NA	M.Tech	SMU	Machine Intelligence	07/03/2022	4	Assistant Professor	Assistant Professor		R
10	DR. DINESH KUMAR PRADHAN	XXXXXXX71J	NA	Ph.D	NIT, Durgapur	Data Science and AI	13/02/2003	23.1	Assistant Professor	Associate Professor		R
11	RAM PRASAD CHAKRABORTY	XXXXXXX94E	NA	M.Tech	SRM University	Cloud Computing	01/08/2022	3.8	Assistant Professor	Assistant Professor		R
12	PURNENDU RUJ	XXXXXXX66K	NA	M.Tech	WBUT	Machine Intelligence	26/07/2007	18.8	Assistant Professor	Assistant Professor		R
13	SARADA MALLIK	XXXXXXX38Q	NA	M.Tech	Jadavpur University	Soft Computing	16/05/2023	2.11	Assistant Professor	Assistant Professor		R
14	Dr. SUMAN BHATTACHARJEE	XXXXXXX67E	NA	Ph.D	I.I.E.S.T, Shibpur	Wireless Networks	01/10/2020	5.6	Associate Professor	Associate Professor		R
15	ARYA MANIKYA SINHA	XXXXXXX87D	NA	M.Tech	Jadavpur University	Natural Language Processing, Deep Learning	15/07/2025	0.8	Assistant Professor	Assistant Professor		R
16	SUDIPTA SAMANTA	XXXXXXX82G	NA	M.Tech	IIT, Guwahati	Data Security	10/03/2025	1	Assistant Professor	Assistant Professor		R
17	Banashree Chatterjee	XXXXXXX16E	NA	M.Tech	MAKAUT	Machine Learning	18/12/2020	5.3	Assistant Professor	Assistant Professor		R
18	DR. SAIBAL MAJUMDER	XXXXXXX93D	NA	Ph.D	NIT, DURGAPUR	DATA SCIENCE	11/07/2023	2.8	Assistant Professor	Assistant Professor		R
19	PRASENJIT MAJI	XXXXXXX42E	NA	M.Tech	WBUT	AR,VR	11/07/2023	2.8	Assistant Professor	Assistant Professor		R
20	DR. POULOMI MUKHERJEE (TEWARI)	XXXXXXX94G	NA	Ph.D	NIT, Durgapur	5G Communication	10/02/2025	1.1	Assistant Professor	Assistant Professor		R
21	ANUSRUTI MITRA	XXXXXXX77J	NA	M.Tech	MAKAUT	AIML	18/08/2025	0.7	Assistant Professor	Assistant Professor		R
22	DR. SUCHANDRA BANERJEE	XXXXXXX04B	NA	Ph.D	NIT, Durgapur	VLSI	05/02/2025	1.2	Assistant Professor	Assistant Professor		R
23	KINSHUK BANERJEE	XXXXXXX95R	NA	M.Tech	NIT, Durgapur	Software Engineering	10/03/2025	1.1	Assistant Professor	Assistant Professor		R
24	PURBA MUKHOPADHYAY	XXXXXXX72C	NA	M.Tech	MAKAUT	DATA SCIENCE	15/07/2025	0.9	Assistant Professor	Assistant Professor		R
25	SK MOFIZUL HAQUE	XXXXXXX44P	NA	M.E.	UIT, Burdwan University	Image Processing	07/01/2026	0.3	Assistant Professor	Assistant Professor		R
26	Suman Banerjee	XXXXXXX00R	NA	M.Tech	SEACOM SSU	Machine Learning	26/06/2025	0.9	Assistant Professor	Assistant Professor		R
27	Susanta Karmakar	XXXXXXX94H	NA	M.Tech	MAKAUT	Multimedia	02/07/2021	4.7	Assistant Professor	Assistant Professor		R
28	SUMAN DASGUPTA	XXXXXXX81B	NA	M.Tech	NIT, Durgapur	AMST	01/03/2003	23.1	Assistant Professor	Assistant Professor		R
29	BISWAJIT SAHA	XXXXXXX76R	NA	M.E.	Jadavpur University	Soft Computing	10/01/2014	12.3	Assistant Professor	Assistant Professor		R
30	DR. GOUR SUNDAR MITRA THAKUR	XXXXXXX47E	NA	Ph.D	NIT, Durgapur	Artificial Intelligence	01/02/2014	12.2	Assistant Professor	Professor	01/11/2025	R
31	DR. ARNAB BANERJEE	XXXXXXX90C	NA	Ph.D	Jadavpur University	Computer Vision, Deep Learning	07/07/2015	10.9	Assistant Professor	Assistant Professor		R

32	RAJA DEY	XXXXXXXX03K	NA	M.Tech	Jadavpur University	Machine Learning	03/06/2025	0.10	Assistant Professor	Assistant Professor		R
33	ATIN MUKHERJEA	XXXXXXXX48K	NA	M.Tech	WBUT	VLSI	02/05/2022	3.5	Assistant Professor	Assistant Professor		R
34	DEVLINA KARMAKAR	XXXXXXXX11N	NA	M.Tech	MAKAUT	Social Network Analysis	07/01/2025	1.3	Assistant Professor	Assistant Professor		R
35	DR. SOHAM BANDYOPADHYAY	XXXXXXXX39F	NA	Ph.D	IIT, Kharagpur	AIML	14/07/2025	0.9	Assistant Professor	Assistant Professor		R
36	AMIT KUMAR MONDAL	XXXXXXXX30A	NA	M.Tech	MAKAUT	Cyber Security	14/07/2025	0.9	Assistant Professor	Assistant Professor		R
37	Biswajit Sen	XXXXXXXX53F	NA	M.Tech	MAKAUT	Computer Networking	11/01/2021	5.3	Assistant Professor	Assistant Professor		R
38	Dr.Abhijit Aditya	XXXXXXXX32P	NA	Ph.D	Burdwan University	Cloud Computing	03/07/2018	7.9		Assistant Professor		R
39	Abhishek Mishra	XXXXXXXX94C	NA	M.Tech	MAKAUT	Computer Networking	11/01/2021	5.3	Assistant Professor	Assistant Professor		R
40	Dr. SUBIR PANJA	XXXXXXXX17D	NA	Ph.D	Central Institute of Technology Kokrajhar	IOT Security	14/02/2025	1.2	Associate Professor	Associate Professor		R
41	ABHISHEK PAL	XXXXXXXX90D	NA	M.Tech	MAKAUT	Cyber Security	19/05/2025	0.10	Assistant Professor	Assistant Professor		R
42	MS. PARAMITA MANNA	XXXXXXXX46Q	NA	M.E.	Jadavpur University	Multimedia	23/02/2010	15.4	Assistant Professor	Assistant Professor		R
43	SANDIP CHAKRABORTY	XXXXXXXX20C	NA	M.Sc	AAIDU	Machine Learning	02/07/2013	11.10	Assistant Professor	Assistant Professor		R
44	Parag Kanti Chattopadhyay	XXXXXXXX87J	NA	M.Tech	MAKUT	Machine Learning	14/01/2022	3.5	Assistant Professor	Assistant Professor		R

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(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	187	132	132
UG1.C	132	132	131
UG1.D	132	131	132
UG1: Computer Science and Engineering	451	395	395
UG2.B	66	0	0
UG2.C	0	0	0
UG2.D	0	0	0
UG2: Computer Science and Engineering (Cyber Security)	66	0	0
UG3.B	66	62	66
UG3.C	62	66	0
UG3.D	66	0	0
UG3: Computer Science and Engineering (Data Science)	194	128	66

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG4.B	64	60	66
UG4.C	60	66	66
UG4.D	66	66	66
UG4: Information Technology	190	192	198
UG5.B	63	31	33
UG5.C	31	33	0
UG5.D	33	0	0
UG5: Computer Science and Engineering (Artificial Intelligence & Machine Learning)	127	64	33
UG6.B	61	60	65
UG6.C	60	65	65
UG6.D	65	65	0
UG6: Computer Science and Design	186	190	130
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Computer Science and Engineering	36	36	36
DS=Total no. of students in all UG and PG programs in the Department	487	431	431
AS=Total no. of students of all UG and PG programs in allied departments	763	574	427
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1250	S2= 1005	S3= 858
DF=Total no. of faculty members in the Department	24	25	26
AF= Total no. of faculty members in the allied Departments	35	26	26
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 59	F2= 51	F3= 52
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= 21.19	SFR2= 19.71	SFR3= 16.50
Average SFR for 3 years	SFR= 19.13		

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	$FQ = 2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	22	38	62.00	15.00
2024-25(CAYm1)	17	35	50.00	15.50
2023-24(CAYm2)	14	39	42.00	17.62

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- RF2= No. of Associate Professors required = $2/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- RF3= No. of Assistant Professors required = $6/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- 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
2025-26	7.00	1.00	14.00	5.00	42.00	53.00
2024-25	6.00	1.00	11.00	6.00	34.00	44.00
2023-24	5.00	1.00	10.00	6.00	29.00	45.00

Average	RF1=6.00	AF1=1.00	RF2=11.67	AF2=5.67	RF2=35.00	AF2=47.33
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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	Mr Tuhin Sinha	Founder and CEO	AEM Technologies	Linux Administration and Automation with AI	10.00
2	Mr Apratim Guha	Sr. TechnicalTrainer	AEM Technologies	Exploring Linux administration and automation practices enhanced by AI-driven tools	10.00
3	Mr Tuhin Sinha	Founder and CEO	AEM Technologies	Managing Azure Cloud with DevOps Technologies	10.00
4	Mr Apratim Guha	Sr. TechnicalTrainer	AEM Technologies	Hands on learning on Azure DevOps Tools	10.00
5	Prof. Dr. Sheli Sinha Chaudhuri	Professor, Dept of ETCE	Jadavpur University	BREAKING FRAMES: On the UN Sustainable Development Goal 5 - Gender Equality	3.00
6	Dr.-Ing. Sian Lun Lau	Professor, School of Engineering and Technology	Sunway University, Malaysia	Ubiquitous computing, sustainable smart cities, context-awareness, and applied machine learning	3.00
7	Dr. Asit Kumar Das	Professor, Computer Science and Technology	IIST Shibpur	Deep Neural Network	3.00
8	Dr. Debasis Giri	Professor, CSE	MAKAUT	Secure Data Transmission	3.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Gulab Mondal	Director & Cyber Security Consultant	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	10.00
2	Mr. Samyajit Mukherjee	Cyber Security Expert / Trainer	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	10.00
3	Mr. Nafish Alam	Cyber Security Expert / Trainer	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	10.00
4	Mr. Rohan Chettri	CEO	Qi	Angel Investment VC Funding Opportunity for Early Stage Entrepreneurs	5.00
5	Mr. Subhrangshu Adhikary	Research Scholar	NIT, Durgapur	Converting Innovation into a Start-up	5.00
6	Dr. Sujoy Saha	Associate Professor, Dept of Computer Science and Engineering	NIT, Durgapur	ENIGMA 2025: Explore IoT Through Hands-On Learning and Expert Talks	12.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Gulab Mondal	Director & Cyber Security Consultant	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	7.00
2	Mr. Samyajit Mukherjee	Cyber Security Expert / Trainer	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	7.00
3	Mr. Nafish Alam	Cyber Security Expert / Trainer	Indian School of Ethical Hacking (formerly ISOAH)	Cyber Security & Ethical Hacking	7.00
4	Mr. Subhrangshu Adhikary	Research Scholar	NIT, Durgapur	Introduction to Python and Machine Learning	5.00
5	Mr. Subhrangshu Adhikary	Research Scholar	NIT, Durgapur	Deep Learning Applications	5.00
6	Dr. Prasenjit Dey	Assistant Professor	Coochbehar Government Engineering College	Machine Learning Applications	10.00
7	Mr. Amartya Chatterjee	Assistant Professor	St. Thomas College of Engineering & Technology	IOT and Smart Cities	10.00

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	10	17	9
2	No. of peer reviewed conference papers published	32	23	33
3	No. of books/book chapters published	1	8	4

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Prof. (Dr.) Sanjay S. Pawar	Dr. Anirban Bose	BCREC Artificial Intelligence and Emerging Technology (BAIET) Foundation	Digital Transformation System for Prefailure Alert Generation for Motors and Cobble Reduction based on IBA data in WRM	Univitt AI Technologies Pvt. Ltd	2 years	33.60
						Amount received (Rs.):33.60

Total Amount (Lacs) Received for the Past 3 Years: 33.60**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)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years:**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. Arindam Ghosh	Hackathon Expenses	1 year	10200.00	10200.00	Prototype
			Amount received (Rs.): 10200.00		

(CAYm2)

(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. Sovan Bhattacharya	A Smart Automated AGRO-BASED App to Detect Plant Diseases Using CNN and LSTM	2 year	164741.00	164741.00	Three Publications
Dr. Anirban Bose	Secure E-Vault System	1 year	11614.00	11614.00	One Prototype
			Amount received (Rs.): 176355.00		

Total amount (Lacs) received for the past 3 years : 186555.00

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	Lab 1 - Ada Basic Programming Laboratory	32	Desktop Computer, Switches	CS593-OOP L	Nayan Konar	Tech. Assista	M.C.A.
2	Lab 2 - Turing Fundamental Computing Laboratory (55)	32	Desktop Computer, Switches	PCC-CS494-D	Pranab Sinha	Online Progr	M.C.A.
3	Lab 3 - Aryabhatta Internetworking Laboratory	32	Desktop Computer, Switches	CS393-PYTHC	Bappaditya C	Sr. Tech. Assi	P.G.D.C.A.
4	Lab 4 - Mahalanobis Software Design	30	Desktop Computer, Switches	CS393-PYTHC	Saikat Dey	Sr. Tech. Assi	M.C.A.
5	Lab 5 - Pascal Advanced Programming Laboratory	32	Desktop Computer, Switches	CS391-DS, ES	Pravash Das	Computer Lal	Diploma in C
6	Lab 6 - Hollerith Information Technology Laboratory (60)	32	Desktop Computer, Switches	ES-CS291-PR	Kallol Chatter	Sr. Tech. Assi	Diploma in EI
7	Lab 7 - Von Neumann Computer Organization	30	Component Development System, Different ICs, IC Tester, Desktop Computer, Switches	PC CS392- Co	Indranil Bhatt	Sr. Tech. Assi	DOEACC A-L

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Lab 1 - Ada Basic Programming Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
2	Lab 2 - Turing Fundamental Computing Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box

3	Lab 3 - Aryabhatta Internetworking Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
4	Lab 4 - Mahalanobis Software Design Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
5	Lab 5 - Pascal Advanced Programming Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
6	Lab 6 - Hollerith Information Technology Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
7	Lab 7 – Von Neumann Computer Organization Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
8	Lab 8 – Project Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box
9	Lab 9 – Research Laboratory	1. Anti-skid tiles. 2. MCBs to prevent short-circuit. 3. Emergency exit. 4. Fire extinguisher. 5. Caution notice about electric shock related hazards. 6. First aid box

D3. Project Laboratory/Research Laboratory

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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
2023-24(CAYm2)	690	34	25	66	96
2024-25(CAYm1)	840	42	26	67	81
2025-26(CAY)	840	42	24	68	78

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	30000000	20384672	21736000	23194346	13000000	28189417	6500000	8764935
Library	2275500	1972526	3397000	2116995	2670000	2606893	3150000	2221767
Laboratory equipment	3255000	3408126	16610000	16782739	12325000	11945130	11000000	14600437
Teaching and non-teaching staff	244250000	244800755	232100000	243070793	223190000	222473566	208000000	211490803

Outreach Programs	200000	1615	50000	62458	20000	542	50000	10866
R&D	305000	143211	1770000	593088	1160000	723286	6150000	1881426
Training, Placement and	1777000	1600652	1970000	1151640	1520000	1049506	1250000	1082973
SDGs	110000	74134	75000	96170	0	0	0	0
Entrepreneurship	100000	0	25000	7448	20000	9455	0	0
Others, specify	108290000	108765877	111508000	109834684	88276000	99185926	84670500	87332551
Total	390562500	381151568	389241000	396910361	342181000	366183721	320770500	327385758

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	250000	247108	1010000	954464	2850000	2276161	6650000	7250126
Software	0	0	15000	0	70000	0	250000	265250
SDGs	10000	8680	0	0	0	0	0	0
Support for faculty development	50000	32789	50000	55660	50000	39289	100000	101630
R & D	50000	0	150000	54700	100000	92012	300000	192055
Industrial Training, Industry expert,	40000	0	50000	10200	50000	5749	50000	35780
Miscellaneous Expenses*	314000	239641	332000	304986	364000	316316	374000	360984
Total	714000	528218	1607000	1380010	3484000	2729527	7724000	8205825