

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 : 11923	Date of Submission : 17-06-2026

PART A- Profile of the Institute

A1.Name of the Institute: BRCM COLLEGE OF ENGINEERING & TECHNOLOGY	
Year of Establishment : 1999	Location of the Institute: 286079 N 756275 E
A2. Institute Address: BRCM COLLEGE OF ENGINEERING & TECHNOLOGY, VPO- BAHAL, DISTT. BHIWANI (HARYANA)	
City:Bhiwani	State:Haryana
Pin Code:127028	Website:www.brcmcet.edu.in
Email:registrar@brcm.edu.in	Phone No(with STD Code):1255-265101
A3. Name and Address of the Affiliating University (if any):	
Name of the University : MAHARSHI DAYANAND UNIVERSITY ROHTAK	City: Bhiwani
State : Haryana	Pin Code: 124001
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: 4
- No. of PG programs: 4

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	2009	--	Civil Engineering
2	Engineering & Technology	UG	Computer Science and Engineering	1999	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2010	--	Computer Science and Engineering
4	Engineering & Technology	PG	Electrical and Electronics Engineering	2009	--	Electrical Engineering
5	Engineering & Technology	UG	Electrical Engineering	1999	--	Electrical Engineering
6	Engineering & Technology	PG	Manufacturing & Automation	2007	2024	Mechanical Engineering
7	Engineering & Technology	UG	Mechanical Engineering	1999	--	Mechanical Engineering
8	Engineering & Technology	PG	Structural Engineering	2014	--	Civil Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Science and Engineering	No	Computer Science and Engineering	UG
Electrical Engineering	No	Electrical Engineering	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

No Record

PART-B: Program information

B1. Provide the Required Information for the Program Applied For:

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/ DECREASE INTAKE (if any)	YEAR OF INCREASE/ DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/ COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Computer Science and Engineering	UG	1999 / --	60	Yes	2023	120	2023	AICTE	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering

Academic Year	Sanctioned Intake
2025-26	120
2024-25	120
2023-24	120
2022-23	60
2021-22	60
2020-21	60

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. Dinesh Kumar
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and 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)	120	120	120	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	76	131	121	69	51	40	12

N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	7	12	6	9	7	6
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	76	138	133	75	60	47	18

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)	120	76	0	63.33
2024-25 (CAYm1)	120	131	0	109.17
2023-24 (CAYm2)	120	121	0	100.83

Average [(ER1 + ER2 + ER3) / 3] = 91.11≡ 20.00

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	66.00	66.00	66.00
B=No. of students who graduated from the program in the stipulated course duration	55.00	42.00	14.00
Success Rate (SR)= (B/A) * 100	83.33	63.64	21.21

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 56.06

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)	7.21	6.86	7.05
Y=Total no. of successful students	131.00	119.00	68.00
Z=Total no. of students appeared in the examination	131.00	121.00	69.00
API [X*(Y/Z)]	7.21	6.75	6.95

Average API[(AP1+AP2+AP3)/3] : 6.97

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)
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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)	6.70	6.85	6.94
Y=Total no. of successful students	112.00	67.00	56.00
Z=Total no. of students appeared in the examination	131.00	74.00	60.00
API [X * (Y/Z)]	5.73	6.20	6.48

Average API [(AP1 + AP2 + AP3)/3] : 6.14

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)	6.99	6.94	7.05
Y=Total no. of successful students	61.00	55.00	43.00
Z=Total no. of students appeared in the examination	67.00	56.00	43.00
API [$X \cdot (Y/Z)$]:	6.36	6.82	7.05

Average API [(AP1 + AP2 + AP3)/3] : 6.74

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	66.00	66.00	66.00
X=No. of students placed	55.00	42.00	14.00
Y=No. of students admitted to higher studies	0.00	6.00	2.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $\frac{(X + Y + Z)}{FS} \times 100$:	83.33	72.73	24.24

Average Placement Index = $(P_1 + P_2 + P_3)/3$: 60.10 Placement Index Points:

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD
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1	Dr. Anuj Kumar Sharma	XXXXXXX35A	M.Tech and Ph.D.	Singhania University	Computer Science & Engineering	28/02/2020	6.3	Professor	Professor	28/02/2020	Regular	Yes		No
2	Dr. Dinesh Kumar	XXXXXXX35R	M.Tech and Ph.D.	Sainath University Ranchi	Computer Science & Engineering	17/08/2009	16.9	Assistant Professor	Professor	01/08/2019	Regular	Yes		Yes
3	Dr. Kamal	XXXXXXX72N	M.Tech and Ph.D.	CMJU, Meghalaya	Computer Science & Engineering	28/01/2010	14.6	Assistant Professor	Associate Professor	03/08/2015	Regular	No	31/07/2024	No
4	Dr. Sandeep Sharma	XXXXXXX60A	M.Tech and Ph.D.	CMJU, Meghalaya	Computer Science & Engineering	07/09/2022	2	Associate Professor	Associate Professor	07/09/2022	Regular	No	21/09/2024	No
5	Dr. Sunil Kumar	XXXXXXX45A	M.Tech and Ph.D.	I. K. G. Punjab Technical University, Jalandhar	Computer Science & Engineering	23/07/2010	15.10	Assistant Professor	Associate Professor	01/03/2021	Regular	Yes		No
6	Amit Ranjan	XXXXXXX51D	M.Tech	GJU&ST, Hisar	Computer Science & Engineering	09/12/2021	4.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ghanshyam Rosewal	XXXXXXX11F	M.Tech	MDU, Rohtak	Computer Science & Engineering	01/05/2018	8.1	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Naveen Kumar	XXXXXXX17F	M.Tech	MDU, Rohtak	Computer Science & Engineering	01/06/2018	8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Neha	XXXXXXX94D	M.Tech	MDU, Rohtak	Computer Science & Engineering	21/11/2016	9.6	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Vipul Sethi	XXXXXXX01C	M.Tech	K.U. Kurukshetra	Computer Science & Engineering	01/04/2020	6.2	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Suruchi	XXXXXXX46P	M.Tech	CDLU, Sirsa	Computer Science & Engineering	24/07/2023	1	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
12	Alok Kumar	XXXXXXX13N	M.Tech	MDU, Rohtak	Computer Science & Engineering	31/03/2018	8.2	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Jyoti	XXXXXXX28K	M.Tech	GJU&ST, Hisar	Computer Science & Engineering	31/07/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No

14	Vikas	XXXXXXX18A	M.Tech	MDU, Rohtak	Computer Science & Engineering	02/09/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Manju	XXXXXXX17A	M.Tech	MDU, Rohtak	Computer Science & Engineering	02/09/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Deepika	XXXXXXX20L	M.Tech	GJU&ST, Hisar	Computer Science & Engineering	18/08/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Shivpal Singh	XXXXXXX97E	M.Tech	MDU, Rohtak	Computer Science & Engineering	02/09/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Rahul	XXXXXXX52R	M.Tech	MDU, Rohtak	Computer Science & Engineering	05/09/2017	8.9	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ankur Mittal	XXXXXXX19L	M.Tech	YMCA, Faridabad	Computer Science & Engineering	01/08/2016	8	Assistant Professor	Assistant Professor		Regular	No	13/08/2024	No
20	Surender Singh	XXXXXXX45L	M.Tech	GJU&ST, Hisar	Computer Science & Engineering	11/09/2023	2.7	Assistant Professor	Assistant Professor		Regular	No	30/04/2026	No
21	Satvender Kumari	XXXXXXX91E	M.Tech	GJU&ST, Hisar	Computer Science & Engineering	01/09/2017	8.7	Assistant Professor	Assistant Professor		Regular	No	30/04/2026	No
22	Jyoti Kumari	XXXXXXX65N	M.Tech	GJUST, Hisar	Computer Science & Engineering	16/11/2023	2.6	Associate Professor	Assistant Professor		Regular	Yes		No
23	Bijender Singh	XXXXXXX43R	M.Tech	MDU, Rohtak	Computer Science & Engineering	01/11/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Shyam Bir Singh Poonia	XXXXXXX01B	M.Tech	MDU, Rohtak	Computer Science & Engineering	01/11/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No

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

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)

D= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

Student Faculty Ratio (**SFR**) = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	127	131	66
UG1.C	131	63	66
UG1.D	63	66	66
UG1: Computer Science and Engineering	321	260	198
PG1.A	12	12	18
PG1.B	12	18	18
PG1: Computer Science and Engineering	24	30	36
DS=Total no. of students in all UG and PG programs in the Department	345	290	234
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= 345	S2= 290	S3= 234
DF=Total no. of faculty members in the Department	20	17	17
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= 20	F2= 17	F3= 17
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	1	1
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 18.16	SFR2= 18.13	SFR3= 14.63
Average SFR for 3 years	SFR= 16.97		

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)	3	17	17.00	14.41

2024-25(CAYm1)	3	14	14.00	15.36
2023-24(CAYm2)	5	12	11.00	22.27

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
2025-26	2.00	2.00	4.00	1.00	12.00	17.00
2024-25	2.00	2.00	3.00	1.00	10.00	14.00
2023-24	1.00	2.00	3.00	3.00	8.00	12.00
Average	RF1=1.67	AF1=2.00	RF2=3.33	AF2=1.67	RF2=10.00	AF2=14.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Dinesh Kumar Garg	Professor	PIET, Panipat	Machine Learning	12.00
2	Mr. Jitender Saini	CEO	Techknow Minds, Delhi	Machine Learning with Python Lab	22.00
3	Ms. Shivani Punj	CEO	Techknow Minds, Delhi	Project-III	24.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Prabhat Kumar Chand	Software Developer	Softcracy Solutions, Delhi	Software Testing	27.00
2	Mr. Deepak Kumar Mandal	Senior Software Developer	Softcracy Solutions, Delhi	Machine Learning with Python Lab	25.00
3	Mr. Abhishek Sharma	Digital Marketing Trainer	MSA Digital Skills, Delhi	Artificial Intelligence Lab using python	24.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Rohit Bajaj	Professor	Chandigarh University, Gharuan, Mohali, Punjab	Artificial Intelligence	24.00
2	Mr. Pankaj Kumar	Scientist	DRDO, Delhi	Mobile and Wireless Communication	12.00
3	Mr. Naveen Kumar Sharma	Senior Software Developer	NASSCOM	Artificial Intelligence Lab using python	26.00

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	9	6	31
2	No. of peer reviewed conference papers published	9	4	0
3	No. of books/book chapters published	1	3	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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

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

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

Total amount (Lacs) received for the past 3 years: 0.00**Note*:**

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mr. Amit Ranjan	Antena Device	6 Months	0.20	0.20	Patent Registered
			Amount received (Rs.): 0.20		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. Sandeep Sharma	AI Powered Decision Making Device	4 Months	0.20	0.20	Patent Registered
Mr. Amit Ranjan	AI Powered Decision Making Device	4 Months	0.15	0.15	Patent Registered
			Amount received (Rs.): 0.35		

(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. Dinesh Kuamr	Breadth Ventilator for Heart Care	6 months	0.20	0.20	Patent Registered
			Amount received (Rs.): 0.20		

Total amount (Lacs) received for the past 3 years : 0.75

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	Programming inC Lab	30	System with Configuration: Processor: - IntelCPU 2.93GHz, 2GB RAM, 320 GB HDD. •Software : JDK1.6, Turbo C++, Visual Studio 2010, MS Office 2010	60%	Ms. Monika	Instructor	B.Tech. CSE
2	DatabaseManagementSystem Lab	30	System with Configuration: Processor :- IntelCore i 5 CPU (7th Gen) 2.93GHz, 8GB RAM,1000 GB HDD. • Software : JDK1.6, Turbo C++, Visual Studio 2010	80%	Mr. Jyotish Kumar	Instructor	B.Tech. CSE
3	Data Structure& AlgorithmsLab using C	30	System with Configuration: Processor: - IntelCPU 2.93GHz, 2GB RAM, 320 GB HDD. •Software : JDK1.6, Turbo C++, Visual Studio 2010, MS Office 2010	80%	Ms. Monika	Instructor	B.Tech. CSE
4	Python Lab	30	System with Configuration: Processor: - IntelCore i 5 CPU (3rd Gen) 2.93GHz,4GBRAM,500 GB HDD. • Software : JDK1.6, Turbo C++, Visual Studio 2010	60%	Mr. Deepak	Instructor	B.Tech. CSE
5	ComputerNetwork Lab	30	System with Configuration: Processor: - IntelCore i 5 CPU (3rd Gen) 2.93GHz,4GBRAM,500 GB HDD. • Software : JDK1.6, Turbo C++, Visual Studio 2010	60%	Mr. Shakti Nandan	Instructor	B.Tech. CSE
6	Design &Analysis ofAlgorithmsUsing C++ Lab	30	System with Configuration: Processor: - IntelCPU 2.93GHz, 2GB RAM, 320 GB HDD. •Software : JDK1.6, Turbo C++, Visual Studio 2010, MS Office 2010	60%	Ms. Monika	Instructor	B.Tech. CSE
7	Java Lab	30	System with Configuration: Processor: - IntelCore i 5 CPU (3rd Gen) 2.93GHz,4GBRAM,500 GB HDD. • Software : JDK1.6, Turbo C++, Visual Studio 2010	80%	Mr. Jyotish Kumar	Instructor	B.Tech. CSE
8	NeuralNetworks Lab	30	System with Configuration: Processor: - IntelCore i 5 CPU (3rd Gen) 2.93GHz,4GBRAM,500 GB HDD. • Software : JDK1.6, Turbo C++, Visual Studio 2010	60%	Mr. Shakti Nandan	Instructor	B.Tech. CSE
9	OperatingSystem Lab	30	System with Configuration: Processor: - IntelCPU 2.93GHz, 2GB RAM, 320 GB HDD. •Software : JDK1.6, Turbo C++, Visual Studio 2010, MS Office 2010	60%	Mr. Shakti Nandan	Instructor	B.Tech. CSE

10	Object Oriented Programming Lab Using C++	30	System with Configuration: Processor: - Intel Core i 5 CPU (3rd Gen) 2.93GHz, 4GB RAM, 500 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010	80%	Mr. Deepak	Instructor	B.Tech. CSE
11	Web Technologies Lab	30	System with Configuration: Processor: - Intel Core i 5 CPU (3rd Gen) 2.93GHz, 4GB RAM, 500 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010	80%	Mr. Jyotish Kumar	Instructor	B.Tech. CSE
12	Compiler Design Lab	30	System with Configuration: Processor: - Intel CPU 2.93GHz, 2GB RAM, 320 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010, MS Office 2010	60%	Ms. Monika	Instructor	B.Tech. CSE
13	Artificial Intelligence Lab Using Python	30	System with Configuration: Processor: - Intel Core i 5 CPU (3rd Gen) 2.93GHz, 4GB RAM, 500 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010	80%	Mr. Deepak	Instructor	B.Tech. CSE
14	Big Data Analytics Lab	30	System with Configuration: Processor :- Intel Core i 5 CPU (7th Gen) 2.93GHz, 8GB RAM, 1000 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010	80%	Mr. Shakti Nandan	Instructor	B.Tech. CSE
15	Machine Learning with Python Lab	30	System with Configuration: Processor :- Intel Core i 5 CPU (7th Gen) 2.93GHz, 8GB RAM, 1000 GB HDD. • Software : JDK 1.6, Eclipse IDE, Visual Studio 2010	80%	Mr. Jyotish Kumar	Instructor	B.Tech. CSE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Programming in C Lab	1) Safety instructions are placed on the Lab Notice Board. 2) Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
2	Database Management System Lab	1) Safety instructions are placed on the Lab Notice Board. 2) Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
3	Python Lab	1) Safety instructions are placed on the Lab Notice Board. 2) Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
4	Computer Network Lab	1) Safety instructions are placed on the Lab Notice Board. 2) Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
5	Web Technologies Lab	1) Safety instructions are placed on the Lab Notice Board. 2) Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.

6	Compiler Design Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
7	JAVA Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
8	Operating System Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
9	Machine Learning Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
10	Artificial Intelligence Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
11	Big Data Analytics Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
12	Neural Network Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
13	Object-Oriented Programming Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
14	Data Structure and Algorithm Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
15	Design & Analysis of Algorithms Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.

16	Digital Electronics Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.
17	Microprocessor Lab	1) Safety instructions are placed on the Lab Notice Board. 2)Electrical MCVs are fitted in all power lines. 3) Power is supplied through UPS with safety measures. 4) CCTV installation for safety and Security. 5) Fire Extinguisher Installed.

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)	210	10	8	5	74
2024-25(CAYm1)	210	10	8	5	74
2025-26(CAY)	210	10	8	6	76

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	10	6.71	10	7.3	7	6.97	2.10	1.57
Library	2	2.1	2	1.9	2	1.8	1.15	0.33
Laboratory equipment	8	7.25	4.5	3.32	5.5	5.45	8	7.08
Teaching and non-teaching staff salary	145	147.37	140	139.87	140	135	149.55	97.26
Outreach Programs	2.5	1.27	2	3.99	1	0.84	1	0.79

R&D	2	1.02	3	3.19	2	1.87	0.25	1.16
Training, Placement and Industry linkage	10	10.33	8.5	6.65	7.5	7.68	1.05	0.41
SDGs	2	1.25	2.5	1.5	3	2	2	1.6
Entrepreneurship	1	0.52	1	0.52	1	0.38	1	0.41
Others, specify	168	163.07	198	191.68	163	166.34	143.62	97.6
Total	350.5	340.89	371.5	359.92	332.0	328.33	309.72	208.21

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	5.5	5.15	2.75	2.5	4	4.45	9	4.5
Software	2.15	1.97	2	1.75	1.5	1.5	2.10	1.6
SDGs	1.3	1	2	1.89	2.5	1.25	0.4	0.5
Support for faculty development	7	6.45	5.5	4.95	4	3.7	3	2.7
R & D	2	2.1	2.05	1.8	1.36	1.15	1.1	0.95
Industrial Training, Industry expert, Internship	1	0.34	0.9	0.77	1	0.97	0.70	0.40
Miscellaneous Expenses*	20	18.76	16	13.7	10	19.72	2.50	1.36
Total	38.95	35.77	31.20	27.36	24.36	32.74	18.80	12.01