

NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for: PG- Master in Computer Applications

A1: Name of the Institute: - AMC Engineering College

Year of Establishment: 1999

Location of the Institute: Bannerghatta
Main Road, Bengaluru

A2: Institute Address: -

City : Bengaluru

State : Karnataka

Pin Code : 560083

Website:
[https://amcwebsite.clickcra
wl.net](https://amcwebsite.clickcra wl.net)

E-mail :
principal@amceducation.in

Phone No (with STD Code):
+91 9902044111

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

Name of the University : Visvesvaraya Technological University City : Belagavi

State : Karnataka Pin Code: 5900 018

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

Institute of National Importance

☐

Deemed University

☐

University

☐

Autonomous

☐

Non-Autonomous (Affiliated)

☒

Any other (Please specify) *

☐

***Provide Details:** _____

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

Central Government

☐

State Government

☐

Government Aided

☐

Self-financing

☒

Any Other (Please specify) *

☐

***Provide Details:** _____

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

❖ No. of UG programs: 11

❖ No. of PG programs: 07

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

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year close*	Name of the Department
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1.	UG	Computer Science and Engineering	1999		Computer Science and Engineering
2.	UG	Electronics & Communication Engineering	1999		Electronics & Communication Engineering
3.	UG	Electrical and Electronics Engineering	2004		Electrical and Electronics Engineering
4.	UG	Aeronautical Engineering	2020		Aeronautical Engineering
5.	UG	Artificial Intelligence and Machine Learning	2020		Artificial Intelligence and Machine Learning
6.	UG	Civil Engineering	2013		Civil Engineering
7.	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2021		Computer Science and Engineering (Artificial Intelligence & Machine Learning)
8.	UG	Computer Science and Engineering (Data Science)	2021		Computer Science and Engineering (Data Science)
9.	UG	Mechanical Engineering	2004		Mechanical Engineering
10.	UG	Information Science & Engineering	1999	Merged with CSE in 2025	Information Science & Engineering
11.	UG	Mechatronics Engineering	2004	2022	Mechatronics Engineering
12.	PG	VLSI Design & Embedded Systems	2012		Electronics & Communication Engineering
13.	PG	Digital Electronics & Communication Engineering	2004		Electronics & Communication Engineering
14.	PG	Computer Science and Engineering	2004		Computer Science and Engineering
15.	PG	Data Science	2021		Information Science & Engineering
16.	PG	Machine Design	2012		Mechanical Engineering
17.	PG	Master of Business Administration	2001		Master of Business Administration
18.	PG	Master in Computer Applications	2000		Master in Computer Applications

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

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

Cluster ID.	Name of the Department	Name of the Program
1.	Computer Science and Engineering	UG- Computer Science and Engineering
2.	Electronics & Communication Engineering	UG-Electronics & Communication Engineering
3.	Electrical and Electronics Engineering	UG-Electrical and Electronics Engineering
4.	Master in Computer Applications	PG: Master in Computer Applications

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)
1.	Computer Science and Engineering	Artificial Intelligence and Machine Learning
2.	Computer Science and Engineering	Computer Science and Engineering (Artificial Intelligence & Machine Learning)
3.	Computer Science and Engineering	Computer Science and Engineering (Data Science)
4.	Computer Science and Engineering	Information Science & Engineering

PART-B: Program information

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

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

Table No. B1: Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	MCA	2000	40	---	2000	F. No 411/KA-077/ET-MCA/2000	No	
2	MCA	2000	60	20 - Increase	2001	F. No 411/KA-077/ET-MCA/2000	No	
3	MCA	2000	45	15 - Decrease	2003	F. No 411/KA-077/ET-MCA/2000	No	
4	MCA	2000	60	15 - Increase	2004	F. No 411/KA-077/ET-MCA/2000	No	
5	MCA	2000	90	30 - Increase	2006	F. No 411/KA-077/ET-MCA/2000	No	
6	MCA	2000	120	30 - Increase	2007	F. No 411/KA-077/ET-MCA/2000	No	
7	MCA	2000	240	120 - Increase	2011	F.No. South-West/1-458605061/2011/EOA	Accredited	2008-11 for 3 Years
8	MCA	2000	360	120 - Increase	2012	F.No. South-West/1-757697402/2012/EOA	No	
9	MCA MCA 2 nd Year Direct	2000 2013	360 120		2013	F.No. South-West/1-1364056252/2013/EOA	No	
10	MCA MCA 2 nd Year Direct	2000 2013	240 120	120 - Decrease	2016	F.No. South-West/1-2812070092/2016/EOA	No	
11	MCA MCA 2 nd Year Direct	2000 2013	120 60	120 - Decrease 60 - Decrease	2018	F.No. South-West/1-3516136338/2018/EOA	No	
12	MCA MCA 2 nd Year Direct	2000 2013	120 00	60 - Decrease	2019	F.No. South-West/1-4266342520/2019/EOA	No	
13	MCA	2000	180	60 - Increase	2023	F.No. South-West/1-36491416843/2023/EOA	No	

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)

- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

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

A. Name of the HoD : Dr M S SHASHIDHARA

B. Nature of appointment: (Tick the applicable choice)

Regular	☒
❖	☐
❖ Contract	☐
❖ Ad hoc	

C. Qualification: (Tick the applicable choice)

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

****Please provide details: M.Phil (CS)***

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY	CAYm1	CAYm2	CAYm3	CAYm4 (LYG)	CAYm5 (LYGm1)	CAYm6 (LYGm2)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	120	120	120	180(120+60)	180(120+60)
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	114	155	119	118	108	11	6
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats						71	31
N3= Separate division if any	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	114	155	119	118	108	82	37

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.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY	CAYm1	CAYm2
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	180	180	120
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	114	155	119
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	-	-	-
Enrollment Ratio (ER)= (N1+N4)/N	63.33	86.11	99.16
Average ER= (ER_1+ ER_2+ ER_3)/3	82.86		

B5: Success Rate of the Students in the Stipulated Period of the Program**Table No.B5.1:** The success rate in the stipulated period of a program.

Item	LYG 23-25	LYGm1 22-24	LYGm221-23
A* = (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd 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).	155	119	118
B=No. of students who graduated from the program in the stipulated course duration	142	104	112
Success Rate (SR)= (B/A)*100	91.61	87.39	94.91
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	91.30		

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

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

Academic Performance	CAYm1 2023-24	CAYm2 2022-23	CAYm3 2021-22
X= (Mean of 1 st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10)	7.52	7.9	7.52
Y= Total no. of successful students	129	90	106
Z = Total no. of students appeared in the examination	154	119	118
API = X* (Y/Z)	6.29	5.97	6.75
Average API = (API_1 + API_2 + API_3)/3	6.33		

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	CAYm2	CAYm3
X= (Mean of 2 nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 rd year/10)	7.88	8.36	7.88
Y= Total no. of successful students	142	104	114
Z =Total no. of students appeared in the examination	150	119	118
API = X* (Y/Z)	6.94	7.30	7.47
Average API = (API_1 + API_2 + API_3)/3	7.23		

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	CAYm2	CAYm3
X= (Mean of 3 rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3 rd year/10)	-NA-	-NA-	-NA-
Y= Total no. of successful students	-NA-	-NA-	-NA-
Z= Total no. of students appeared in the examination	-NA-	-NA-	-NA-
API = X* (Y/Z)	AP_1	AP_2	AP_3
Average API = (API_1 + API_2 + API_3)/3			

B9: Placement, Higher Studies, and Entrepreneurship**Table No.B9.1:** Placement, higher studies, and entrepreneurship details.

Item	LYG 2023-25	LYGm1 2022-24	LYGm2 2021-23
FS*=Total no. of final year students	150	119	118
X= No. of students placed	47	32	29
Y= No. of students admitted to higher studies	2	3	2
Z= No. of students taking up entrepreneurship	1	4	1
X + Y + Z =	50	39	32
Placement Index (P) = (((X + Y + Z)/FS) * 100)	33.33	32.77	27.11
Average placement index = (P_1 + P_2 + P_3)/3	31.07		

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

PART C: Faculty Details in Department and Allied Departments

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

C1: Faculty details of Department and Allied Departments

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

The list of faculty members in the department as per the format for CAY: 2024-25

SN	Name of the Faculty	Highest degree	University	Area of Specialization,	Date of Joining the 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	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time Or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated 'No')
1	Dr.M.S.Shashidhara	Ph.D	Bharathidasan	Comp.Appln	15/02/2023	3.9	Professor & HOD	Professor & HOD	15/02/2023	Regular	--	Yes	
2	Dr.M.Charles Arockiaraj	Ph.D	Vels University	Comp.Appln	08/03/2023	3.8	Associate Professor	Associate Professor	08/03/2023	Regular	--	Yes	
3	Ms.Bamali Chakraborty	MCA	VTU	Comp.Appln	29/06/2011	14.4	Associate Professor	Associate Professor	29/06/2011	Regular	--	Yes	
4	Dr. Beena Kittur	Ph.D	Karnataka University	Comp.Appln	07/07/2017	6	Professor	Professor	07/07/2017	Regular	--	No	30/12/2025
5	Mr.Rajesh N	MCA	Anna University	Comp.Appln	31/08/2010	15.3	Assistant Professor	Assistant Professor		Regular	--	Yes	
6	Mr.Gunasekaran K	MCA	Anna University	Comp.Appln	20/02/2023	3.9	Assistant Professor	Assistant Professor		Regular	--	Yes	
7	Dr. Vidya Pol	Ph.D	KSWU	Comp.Appln	29/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	--	Yes	
8	Mrs.Sravanthi K	MCA	JNTU	Comp.Appln	4/4/2023	2.6	Assistant Professor	Assistant Professor		Regular	--	No	28/8/2025
9	Ms. Anusha N	MCA	VTU	Comp.Appln	27/03/2023	1	Assistant Professor	Assistant Professor		Regular	--	No	9/10/2025
10	Mrs. Padma Priya	MCA	Anna University	Comp.Appln	27/04/2023	1	Assistant Professor	Assistant Professor		Regular	--	No	23/11/2025
11	Mr.Achutha JC	MCA	VTU	Comp.Appln	22/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	--	Yes	
12	Mr.Roshan Vegas	MCA	VTU	Comp.Appln	4/3/2024	1.8	Assistant Professor	Assistant Professor		Regular	--	Yes	
13	Ms.Pallavi N	MCA	VTU	Comp.Appln	13/12/2024	1	Assistant Professor	Assistant Professor		Regular	--	Yes	

14	Ms.Manasa S	MCA	J S S Science and Technology University	Comp.Appln	12/12/2024	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
15	Ms Bhuvaneswari	MCA	VTU	Comp.Appln	18/08/2025	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
16	Mr. Mohanraj P	MCA	Barathiyar University	Comp.Appln	27/11/2023	1.4	Assistant Professor	Assistant Professor		Regular	--	No	6/11/2025
17	Mr. Santhoshkumar P	MCA	Barathiyar University	Comp.Appln	12/1/2023	1	Assistant Professor	Assistant Professor		Regular	--	No	08/12/2025

The list of faculty members in the department as per the format for CAY: 2023-24

SN	Name of the Faculty Member	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) If	If contractual mention Full time or (Part Time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated 'No')
1	Dr.M.S.Shashidhara	Ph.D	Bharathidasan University	Comp Appln	15/02/2023	2.9	Professor & HOD	Professor & HOD	15/02/2023	Regular	--	Yes	
2	Dr. Beena Kittur	Ph.D	Karnataka University	Comp Appln	07/07/2017	6	Professor	Professor	07/07/2017	Regular	--	Yes	
3	Dr.M.Charles Arockiaraj	Ph.D	Vels University	Comp Appln	08/03/2023	2.8	Associate Professor	Associate Professor	08/03/2023	Regular	--	Yes	
4	Dr. Chengappa M R	Ph.D	VTU	Comp Appln	02/1/2024	1	Associate Professor	Associate Professor	3/1/2024	Regular	--	Yes	10 /04/2024
5	Dr. Indrakumar S S	Ph.D	VTU	Comp Appln	22/01/2024	1	Associate Professor	Associate Professor	22/01/2024	Regular	--	Yes	19/12/2024
6	Ms .Barnali Chakraborty	MCA	VTU	Comp Appln	29/06/2011	13.4	Associate Professor	Associate Professor	29/06/2011	Regular	--	Yes	
7	Mr.Rajesh N	MCA	Anna University	Comp Appln	31/08/2010	14.3	Assistant Professor	Assistant Professor		Regular	--	Yes	
8	Mr.Gunasekaran K	MCA	Anna University	Comp Appln	20/02/2023	2.9	Assistant Professor	Assistant Professor		Regular	--	Yes	
9	Mr. Mithilesh K V	MSC	Mumbai University	Comp Appln	17/08/2022	1	Assistant Professor	Assistant Professor		Regular	--	No	19/12/2023
10	Mrs.Sravanthi K	MCA	JNTU	Comp Appln	4/4/2023	1.6	Assistant Professor	Assistant Professor		Regular	--	Yes	
11	Ms. Anusha N	MCA	VTU	Comp Appln	27/03/2023	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
12	Mr.Roshan Vegas	MCA	VTU	Comp Appln	4/3/2024	0.8	Assistant Professor	Assistant Professor		Regular	--	Yes	
13	Mrs. Padma Priya	MCA	Anna University	Comp Appln	27/04/2023	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
14	Mr. Mohanraj P	MCA	Barathiyar University	Comp Appln	27/11/2023	1.4	Assistant Professor	Assistant Professor		Regular	--	Yes	
15	Mr. Santhoshkumar P	MCA	Barathiyar University	Comp Appln	12/1/2023	1	Assistant Professor	Assistant Professor		Regular	--	Yes	

The list of faculty members in the department as per the format for CAY: 2022-2023

SN	Name of the Faculty Member	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) If	If contractual mention Full time or (Part Time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated 'No')
1	Dr.M.S.Shashidhara	Ph.D	Bharathidasan University	Comp.Appln	15/02/2023	1.9	Professor & HOD	Professor & HOD	15/02/2023	Regular	--	Yes	
2	Dr. Beena Kittur	Ph.D	Karnataka University	Comp.Appln	07/07/2017	5	Professor	Professor	07/07/2017	Regular	--	Yes	
3	Dr.M.Charles Arockiaraj	Ph.D	Vels University	Comp.Appln	08/03/2023	1.8	Associate Professor	Associate Professor	08/03/2023	Regular	--	Yes	
4	Mr. Vasanth C Bhagawat	MCA	Mangalore University	Comp.Appln	26/07/2012	11	Associate Professor	Associate Professor	26/07/2012	Regular	--	No	5/12/2022
5	Mrs.Lovely Shashidharn	MCA	Kochin University	Comp.Appln	26/07/2012	11	Associate Professor	Associate Professor	26/07/2012	Regular	--	Yes	
6	Ms. Barnali Chakraborty	MCA	VTU	Comp.Appln	29/06/2011	14.4	Associate Professor	Associate Professor	29/06/2011	Regular	--	Yes	
7	Mr.Rajesh N	MCA	Anna University	Comp.Appln	31/08/2010	15.3	Assistant Professor	Assistant Professor		Regular	--	Yes	
8	Mr.Gunasekaran K	MCA	Anna University	Comp.Appln	20/02/2023	3.9	Assistant Professor	Assistant Professor		Regular	--	Yes	
9	Mr. Mithilesh K V	MSC	Mumbai University	Comp.Appln	17/08/2022	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
10	Sravanthi K	MCA	JNTU	Comp.Appln	4/4/2023	2.6	Assistant Professor	Assistant Professor		Regular	--	Yes	
11	Mr. Anusha N	MCA	VTU	Comp.Appln	27/03/2023	1	Assistant Professor	Assistant Professor		Regular	--	Yes	
12	Mrs. Padma Priya	MCA	Anna University	Comp.Appln	8/10/2010	12	Assistant Professor	Assistant Professor		Regular	--	Yes	

Table No. C1: List of faculty details in the past 3 years including CAY

C2: Student-Faculty Ratio (SFR)

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

Year	CAY	CAYm1	CAYm2
PG ₁ . A // 1 st year students of PG ₁ program	180	180	120
PG ₁ . B // 2 nd year students of PG ₁ program	180	120	120
PG ₁ // Total no.of students(1 st , 2 nd) in PG ₁ program	360	300	240
DS=Total no. of students in all UG and PG programs in the Department			
AS=Total no. of students of all UG and PG programs in allied departments			
S=Total no. of students in the Department (DS) and allied departments (AS)	$S1=UG_1+UG_2+..+UG_n+PG_1+...PG_m$	$S2=UG_1+UG_2+..+UG_n+PG_1+...PG_m$	$S3=UG_1+UG_2+..+UG_n+PG_1+...PG_m$
DF=Total no. of faculty members in the Department	17	15	12
AF= Total no. of faculty members in the allied Departments			
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	17	15	12
FF=The faculty members in F who have a 100% teaching load in the first-year courses	FF1	FF2	FF3
Student Faculty Ratio (SFR)=S/(F-FF)	21	20	20
Average SFR for 3 years Average SFR=(SFR1+SFR2+SFR3)/3	20		

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	FQI= $2.5 * [(10X + 4Y)/RF]$
CAY	3	14	18	11.94
CAYm1	5	10	15	15
CAYm2	3	9	12	13.75

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 Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY	1	2	4	2	12	13
CAYm1	1	2	3	4	10	9
CAYm2	1	2	3	4	8	6
Average Numbers	2	2	3	3	10	10

C5: Visiting/Adjunct Faculty/Professor of Practice

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

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1				
1	---	-----	-----	-----
..	----	-----	-----	-----
Total no. of hours:				
CAYm2				
1	---	-----	-----	-----
..	----	-----	-----	-----
Total no. of hours:				

CAYm3				
1	---	-----	-----	-----
..	-----	-----	-----	-----
Total no. of hours:				

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1	CAYm2	C
1	No. of peer reviewed journal papers published	6	23	
2	No. of peer reviewed conference papers published	3	--	
3	No. of books/book chapters published	Book (2)+ Chapter(4) = 6	2	

C7: Sponsored Research Project

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	
CAYm1							
1	..	..	..	..	..	..	
..	..	..	..	..	..	..	
Amount received (Rs.)							
CAYm2							
1	..	..	..	..	..	..	
...	..	..	..	..	..	..	
Amount received (Rs.)							
CAYm3							
1	..	..	..	..	..	..	
..	..	..	..	..	..	..	
Amount received (Rs.)							
Total Amount (Lacs) Received for the Past 3 Years							

C8: Consultancy Work

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	
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CAYm1						
1	Gunasekaran K	..	MCA	Revamping of Institution website	Paramahamsa Education Trust	6 Months
2	J C Achutha	..	MCA	Students Performance Analysis System(SPAS)	Paramahamsa Education Trust	3 Months
Amount received (Rs.)						
CAYm2						
1	..	..	..	..	..	..
...	..	..	..	..	..	..
Amount received (Rs.)						
CAYm3						
1	..	..	..	..	..	..
..	..	..	..	..	..	..
Amount received (Rs.)						
Total amount (Lacs) received for the past 3 years						

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.

	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount	Outcomes of the project
CAYm1					
ra	AI Based Student Performance Prediction and Academic Intervention System	One year	0.5	5000.00	- Developed an AI-based system to predict student academic performance and identify at-risk students using learning and assessment data. - The system enables timely academic interventions, improving student performance, engagement, and overall educational outcomes.
es	Intelligent Chatbot for Academic and Administrative support	One year	0.5	5000.00	- Developed an intelligent chatbot system to provide automated academic and administrative support for students and faculty through real-time query handling. - The system improves communication efficiency,

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

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

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

S. No.	No. of students per setup (Batch Size)	Name of major equipment	Weekly utilization Status (all the courses for which the lab is utilized)	Technical Manpower support		
				Name of the technical staff	Designation	Qualification
	Per Batch 30 Students. One System for 2 Student.	Computer System with Required Software MONITOR -DELL CPU-DELL, RAM-16 GB, processor- 12 TH GEN INTEL® CORE™ I5-12400,graphics-128 MB, storage - 466 GB with 42 systems(monitor, mouse and keyboard), printer cannon, printer name :- lbp2900b, Ethernet, Wifi, projectors EPSON- Model -H971C EB-E01 EPIL, CCTV	30 Hrs /Week utilized to conduct both I Yr and II Yr Subjects	Anil Kumar	Lab Instructor	BC

Per Batch 30 Students. One System for 2 Student.	Computer System with Required Software MONITOR -DELL CPU-DELL, RAM-16 GB, processor-12 TH GEN INTEL® CORE™ I5-12400,graphics-128 MB, storage - 466 GB with 42 systems(monitor, mouse and keyboard), printer cannon, printer name :- lbp2900b, Ethernet, Wifi, projectors EPSON- Model -H971C EB-E01 EPIL, CCTV	30 Hrs /Week utilized to conduct both I Yr and II Yr Subjects	Vinutha Basker	Lab Instructor	MC
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D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1.	Five Number of Computers with Intel(R) Core(TM) i5-7500 CPU @ 3.40GHz 3.41 GHz, 8.00 GB with 500 MBPS internet connectivity with MATLAB,
2	IOT Lab: IoT Development Kit with On board sensors, ESP 32, Thermister, LDR Buzzer relay, LED, DIP switches. Rasperry bi kit (30 Nos).

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= $\frac{\text{No. of faculty members ((NS1)+(NS2*0.2))}}{\text{No. of required faculty (RF4)}}$; Percentage= $\frac{((NS1*0.8)+(NS2*0.2))}{RF4}$
CAY	-NA-	-NA-	-NA-	-NA-	-NA-
CAYm1	-NA-	-NA-	-NA-	-NA-	-NA-
CAYm2	-NA-	-NA-	-NA-	-NA-	-NA-

E2: Budget Allocation, Utilization, and Public Accounting at Institute Level**Table No. E2.1:** Budget and actual expenditure incurred at Institute level.

Items	Budgeted in CFY 2024-25	Actual expenses in CFY 2024-25	Budgeted in CFYm1 2023-24	Actual Expenses in CFYm1 2023-24	Budgeted in CFYm2 2022-23	Actual Expenses in CFYm2 2022-23	Budgeted in CFYm3 2021-22	Actual Expenses in CFYm3 2021-22
Infrastructure Built-Up	10,00,00,000	7,43,66,567	3,80,00,000	12,45,01,443	3,30,00,000	4,90,48,548	5,00,00,000	7,22,54,687
Library	50,00,000	20,94,553	50,00,000	40,39,755	50,00,000	24,70,846	35,00,000	13,82,683
Laboratory equipment	1,00,00,000	2,19,865	1,00,00,000	2,39,186	1,00,00,000	13,13,752	2,20,00,000	00
Teaching and non-teaching staff salary	18,00,00,000	17,31,62,142	15,00,00,000	14,32,31,956	15,00,00,000	11,53,06,862	18,00,00,000	10,24,46,647
R&D	5,00,000		5,00,000		5,00,000		40,00,000	
Training, Placement and Industry linkage	50,00,000	15,53,039	1,11,00,000	11,67,604	50,00,000	13,13,697	11,00,000	00
Others*, pl. specify (FDP)	10,00,000	1,34,000	10,00,000	2,16,725	10,00,000		10,00,000	4,83,918
Total amount	30,15,00,000	25,15,30,166	21,56,00,000	27,33,96,669	20,45,00,000	16,94,53,705	26,16,00,000	17,65,67,935

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level**Table No. E3.1:** Budget and actual expenditure incurred at program level.

Items	Budgeted in CFY	Actual expenses in CFY (till ...)	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Laboratory equipment	15,00,000	1176812.5	17,00,000	1417532.5	500000	300000		
Software								
SDGs								
Support for faculty development	50,000	25,000	50,000	30,000	50,000	25,000		
R & D	1.50 000	1,37,501.00	1.75, 000	1,49,000.00	1,00,000	38352.00		
Industrial Training, Industry expert, Internship	4,00,000	3,00,000	3,00,000	2,28,000				
Miscellaneous expenses *	2,00,000	1,00,000	1,50,000	1,20,000	1,50,000	1,00,000		
Total amount	23,00,000	1739312.5	2375000	1944532.5	8,00,000	4,58,352		1