NATIONAL BOARD OF ACCREDITATION

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

Program Name :	**Discipline**:
Level :	**Tier**:
Application No:	**Date of Submission**: 02-03-2026

PART A- Profile of the Institute

A1.Name of the Institute:	
Year of Establishment :	Location of the Institute:
A2. Institute Address:	
City:	State:
Pin Code:	Website:
Email:	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University :	City:
State :	Pin Code:
A4. Type of the Institution:	
A5. Ownership Status:	

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

- No. of UG programs: **7**
- No. of PG programs: **1**

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	Artificial Intelligence and Data Science	2022	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Biomedical Engineering	2014	--	Biomedical Engineering
3	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
4	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
5	Engineering & Technology	UG	Electronics & Communication Engineering	2008	--	Electronics and Communication Engineering
6	Engineering & Technology	UG	Information Technology	2024	--	Information Technology
7	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
8	Management	PG	Master of Business Administration	2009	--	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
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG
Biomedical Engineering	Yes	Biomedical Engineering	UG
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG
Electrical and Electronics Engineering	No	Electrical and Electronics 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
Biomedical Engineering	Biomedical Engineering	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/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRA DURATI
1	Electronics & Communication Engineering	UG	2008 / --	60	No	NA	60	2008	F.No.Southern/1-7013150656/2020/EOA	Granted accreditation for 3 years for the period (specify period)	2018	2025	1	4

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	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITE
1	Biomedical Engineering	Biomedical Engineering	UG	2014 / --	60	Yes	2024	30	2024	F.No.Southern/1-43656637770/2024/EOA	Applying first time	--	--	0

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	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITE

Sanctioned Intake for Last Five Years for the Biomedical Engineering	
Academic Year	**Sanctioned Intake**
2025-26	30
2024-25	30
2023-24	60
2022-23	60
2021-22	60
2020-21	60

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

A. Name of the HoD :	Dr.P.SIVAKUMAR
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)	(CAY)	(CAYm1)	(CAYm2)	(CAYm3)	(CAYm4)	(CAYm5)	(CAYm6)

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)	60	38	0	63.33
2024-25 (CAYm1)	60	54	0	90.00
2023-24 (CAYm2)	60	56	0	93.33

Average [(ER1 + ER2 + ER3) / 3] = 82.22≡ 17.00

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	0 LYG	0 LYGm1	0 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).	62.00	72.00	61.00
B=No. of students who graduated from the program in the stipulated course duration	39.00	21.00	38.00

Success Rate (SR)= (B/A) * 100	62.90	29.17	62.30

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 51.46

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( )	CAYm2( )	CAYm3 ( )
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)	6.95	7.06	7.97
Y=Total no. of successful students	54.00	56.00	56.00
Z=Total no. of students appeared in the examination	54.00	56.00	56.00
API [X*(Y/Z)]	6.95	7.06	7.97

Average API[(AP1+AP2+AP3)/3] : 7.33

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 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 2rd year/10)	6.89	7.08	7.16
Y=Total no. of successful students	57.00	56.00	58.00
Z=Total no. of students appeared in the examination	58.00	57.00	60.00
API [X * (Y/Z)]	6.77	6.96	6.92

Average API [(AP1 + AP2 + AP3)/3] : 6.88

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 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)	7.67	7.35	7.01
Y=Total no. of successful students	54.00	57.00	42.00
Z=Total no. of students appeared in the examination	56.00	58.00	46.00
API [X*(Y/Z)]:	7.40	7.22	6.40

Average API [(AP1 + AP2 + AP3)/3] : 7.01

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG ()	LYGm1()	LYGm2()
FS*=Total no. of final year students	62.00	72.00	61.00
X=No. of students placed	36.00	21.00	36.00
Y=No. of students admitted to higher studies	2.00	0.00	2.00
Z= No. of students taking up entrepreneurship	1.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	62.90	29.17	62.30

Average Placement Index = (P_1 + P_2 + P_3)/3: 51.46 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?
1	Dr.P.SIVAKUMAR	XXXXXXX86H	Ph.D	St.Peters University	Image Processing	03/12/2012	13.2	Associate Professor	Professor	02/01/2018	Regular	Yes		Yes
2	Dr.K.Periyarselvam	XXXXXXX56E	Ph.D	St.Peters University	VLSI	26/07/2013	12.7	Assistant Professor	Associate Professor	03/02/2023	Regular	Yes		No
3	Dr.S.Swapna	XXXXXXX53P	Ph.D	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Special electrical machine	03/06/2024	1.8	Associate Professor	Associate Professor	03/06/2024	Regular	Yes		No
4	Mr.S.Senthilkumar	XXXXXXX32A	M.Tech	VTU	Information and Communication Systems	18/01/2017	9.1	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mr.K.Balaji	XXXXXXX73E	M.E.	Anna University	Communication Systems	29/06/2015	10.7	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mr C.E Mohan Kumar	XXXXXXX02E	M.E.	Anna University	Industrial Engineering	28/09/2010	15.4	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr.D.Sarathy	XXXXXXX33R	M.E.	Anna University	Embedded systems and technology	03/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mrs.P.Arthi	XXXXXXX74K	M.E.	Anna University	Applied Electronics	28/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mrs.K.Vasanthi	XXXXXXX40P	M.E.	Sathyabama University	Applied Electronics	07/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr.S.Dinesh	XXXXXXX27E	M.E.	Anna University	Applied Electronics	14/08/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	31/12/2024	No
11	Ms. C P GOWTHAMI	XXXXXXX16R	M.E.	Anna University	Applied Electronics	28/07/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
12	Mr.G Vinoth	XXXXXXX39M	M.E.	Anna University	Embedded systems and technology	14/08/2023	0.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No

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	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr.S.A.Yuvaraj	XXXXXXX72F	XXXXXXXXX011	Ph.D	St. Peters University	Wireless Sensor Networks	28/06/2010	15	Assistant Professor	Professor	03/03/2020	Regular	Yes		Yes
2	Dr.G.UmaShankar	XXXXXXX21F	XXXXXXXXX149	Ph.D	Sathyabama University	Bio signal Processing	27/08/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Mr.S.Prasanth	XXXXXXX20N	XXXXXXXXX595	M.Tech	Birla Institute of Technology	Biomedical Instrumentation	02/01/2017	9.1	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Mr.K.Naresh Kumar	XXXXXXX93A	XXXXXXXXX194	M.E.	Anna University	Communication systems	29/06/2015	10.7	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mr.S.V.Dharani Kumar	XXXXXXX52Q	XXXXXXXXX085	M.E.	Anna University	Applied Electronics	11/10/2011	14.4	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Ms.R.Nathea	XXXXXXX57H	XXXXXXXXX822	M.E.	Anna University	Communication systems	20/01/2016	10.1	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ms.S.Bharathi	XXXXXXX73D	XXXXXXXXX035	M.E.	Anna University	Medical Electronics	08/08/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mrs.K.M.Dhanalakshmi	XXXXXXX03E	XXXXXXXXX920	M.E.	Anna University	Medical Electronics	08/05/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mrs.V.Manasa	XXXXXXX73H	XXXXXXXXX704	M.Tech	Anna University	Biopharmaceutical Technology	29/01/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrs.U.Vijayapreethy	XXXXXXX18N	XXXXXXXXX963	M.Tech	SRM University	Biomedical Engineering	27/12/2018	5.6	Assistant Professor	Assistant Professor		Regular	No	28/06/2024	No

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 Department No. of PG Programs in the Department

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

Description	**CAY()**	**CAYm1 ()**	**CAYm2 ()**
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=**	**S2=**	**S3=**
DF=Total no. of faculty members in the Department			
AF= Total no. of faculty members in the allied Departments			
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=**	**F2=**	**F3=**
FF=The faculty members in F who have a 100% teaching load in the first-year courses			
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1=**	**SFR2=**	**SFR3=**
Average SFR for 3 years	**SFR=**		

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.

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * 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 * 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 * 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.

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

(CAYm2)

(CAYm3)

C6. Academic Research

Table No. C6.1: Faculty publication details.

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

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)

(CAYm2)

(CAYm3)

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

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

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

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

D2. Safety Measures in Laboratories

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

D3. Project Laboratory/Research Laboratory

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.

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.