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ACEDEMIC COUNCIL MEETING

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AEC/ACM/2023-24/C03

Date: 24.01.2024

CIRCULAR

The Academic Council Meeting of our College has been scheduled under the Chairmanship of Dr.A.Anbuchezian, Principal, Annapoorana Engineering College in Board Room on 31.01.2024 at 11.00 am. All the Academic Council members are requested to attend the meeting to discuss on the following agenda.



Agenda:

- Agenda : 1 : Welcome note by the Principal
- Agenda: 2 : To review the Action Taken Report of the previous Academic Council Meeting
- Agenda : 3 : To note the Department BOS Meeting Minutes & approve the suggestions made by the members
- Agenda : 4 : To Review the Result Passing Board Meeting Minutes, Academic Results & Completion of program by readmitted student : S.Naveen (Reg.No:610214103023)
- Agenda: 5 : To Peruse the Academic Enrichments
- Agenda : 6 : To approve the Special Courses
- Agenda : 7 : To note and peruse the Research Activities since last meeting
- Agenda: 8 : To note the Conduct of Events
- Agenda: 9 : To note the Placement Records
- Agenda: 10 : To note the Infrastructural Facility Improvements
- Agenda : 11 : To peruse Strategic Plan

Agenda: 12 : Any other matters, with the approval of the Chairman

5. Subhaashiwa

Dr.S.Subhashini Director - Academics

Copy to:

- 1. Director Administration
- 2. All Academic Council Members
- 3. Main Notice Board
- 4. File

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Principal PRINCIPAL

Annapoorana Engineering College. Autonomous NH-47, Sankari Main Road, Periya Seeragapadi, Salem-636 3008



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ACADEMIC COUNCIL MEMBERS : 2023-2024

S.No	Name	Position	Category
1	Dr.A.Anbuchezian	Chairman	Principal
2	Dr.P.Suresh Kumar	Prof. & Head, Dept. of Bio-Technology, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli	Anna University
3	Dr.P.Karpagavalli	Professor, Department of EEE, GCE, Dharmapuri	Nominee
4	Dr.R.Valarmathi	Prof. & Head, Dept. of ECE, Government College of Engineering (IRTT), Erode	
5	Dr.V.Rajkumar	Vice-Principal, GCE, Dharmapuri	Academic Expert
6	Dr.T.Senthilkumar	Dean, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli	Academic Expert
7	Mr.R.Sadhanandhavel	Littlemore Innovations Lab, Chennai	Industry Expert
8	Dr.S.Subhashini	Director - Academics	Member Secretary
9	Dr.S.Sukumar	Director - Research	Member
10	Dr.N.Nedunchezian	HoD - Automobile	Member
11	Dr.R.S.Gandhimathi	HoD - Civil	Member
12	Dr.T.Buvaneswari	HoD - CSE	Member
13	Dr.B.Ramesh	HoD - ECE	Member
14	Dr.R.Venkatesh	HoD - EEE	Member
15	Dr.J.Shivakumar	HoD - Mechanical	Member
16	Dr.V.Anbazhagan	HoD - Chemistry	Member
17	Dr.R.Kumaravel	HoD - Physics	Member
18	Dr.A.Murugesan	ASP- Civil	Member
19	Mr.S.Karthick	AP - ECE	Member
20	Mr.S.Senthil Kumar	AP - EEE	Member
21	Mr.M.P.Mohanraj	ASP - Mechanical	Member

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ATTENDANCE

Academic Council Meeting 2023-2024 of Annapoorana Engineering College held on

31.01.2024 at 11.00pm at Board Room

S.No	Name	Position	Category	Signature
1	Dr.A.Anbuchezian	Chairman	Principal	Hulu 34/d
2	Dr.P.Suresh Kumar	Prof. & Head, Dept. of Bio- Technology, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli	Anna University	00/31112
3	Dr.P.Karpagavalli	Professor, Department of EEE, GCE, Dharmapuri	Nominee	2 m 3,11,12
4	Dr.R.Valarmathi	Prof. & Head, Dept. of ECE, Government College of Engineering (IRTT), Erode		Ban 31/11-
5	Dr.V.Rajkumar	Vice-Principal, GCE, Dharmapuri	Academic Expert	V. Salt and row
3	Dr.T.Senthilkumar	Dean, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli	Academic Expert	(1-Som 100 dung 31. 01.202
7	Mr.R.Sadhanandhavel	Littlemore Innovations Lab, Chennai	Industry Expert	R.S. Mhrugh
3	Dr.S.Subhashini	Director - Academics	Member Secretary	S. Subraashinie
Ð	Dr.S.Sukumar	Director - Research	Member	Alde
LO	Dr.N.Nedunchezian	HoD - Automobile	Member	X11001/202
11	Dr.R.S.Gandhimathi	HoD - Civil	Member	R.S. 9 3111



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				or AccileDitAlity
12	Dr.T.Buvaneswari	HoD - CSE	Member	Fuerd
13	Dr.B.Ramesh	HoD - ECE	Member	6
14	Dr.R.Venkatesh	HoD - EEE	Member	Rommet
15	Dr.J.Shivakumar	HoD - Mechanical	Member	J. Givalourf.
2.6	Dr.V.Anbazhagan	HoD - Chemistry	, Member	V. Mus
17	Dr.R.Kumaravel	HoD - Physics	Member	Bent
18	Dr.A.Murugesan	ASP- Civil	Member	Must
19	Mr.S.Karthick	AP - ECE	Member	Stating
20	Mr.S.Senthil Kumar	AP - EEE	Member	Con
521	Mr.M.P.Mohanraj	ASP - Mechanical	Member	Dri

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MINUTES OF THE ACADEMIC COUNCIL MEETING – 31.01.2024 (Wednesday)

Minutes of the Academic Council Meeting of Annapoorana Engineering College for the Academic year 2023-24 held at 11.00 Am on 31.01.2024 in Board Room.

Agenda 1: Welcome note by the Principal

The Chairman welcomed the Academic Council Members and made a presentation on points relating to the meeting agenda.

Agenda 2: To Review the Action Taken Report of the previous Academic Council Meeting

Resolution 2:

The Action Taken Report of the Previous Academic Council Meeting held on 25.04.2023 is placed before the Academic Council, incorporating the suggestions and observations of the members, duly rectified, and the details of the actions initiated thereon.

Agenda 3: To note the Department BOS Meeting Minutes & approve the suggestions made by the members.

Academic Alliance with IBM for Curriculum Integration through Joint Programs for Artificial Intelligence and Data Science, CSE and Information Technology Value Added Courses for remaining Programs is approved by the Academic Council

3.1. Automobile Engineering:

Agenda:

• Suggested changing the program name from a conventional B.E in to recent technologies for betterment of students's admission.

Resolution:

• The suggestion made by the BoS members in the BoS Meeting held on 21.12.2023 to change the nomenclature from a conventional B.E Automobile Engineering into any recent technologies for the benefit of the students rejected



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by the Academic Council and proposed to follow the uniform nomenclature B.E Automobile Engineering.

3.2. Civil Engineering:

Agenda:

- Suggested to Remove software names (EPANET 2.0) from Environmental Engineering and keep only as software application.
- Suggested to add 2 more experiments (Notches) in Hydraulic Engineering laboratory
- Suggested to add case studies in unit V Demolition in Advanced Construction Techniques.
- In the course 22CE302 Surveying, the following contents were added Curves, DGPS are added and Unit IV is renamed as Contouring and Curves in syllabus.

Resolution:

• The Academic Council approved the suggestion made by the BoS members in the BoS Meeting held on 09.12.2023.

3.3. Computer Science and Engineering:

Agenda:

- Suggested to introduce Augmented Reality and Virtual Reality courses, along with setting up a lab with at least 10 computers for practical learning
- Suggested to explore collaborations with industry experts for guest lectures or workshops, providing students with insights into real-world applications

Resolution:

• The Academic Council approved the suggestion made by the BoS members in the Bos Meeting held on 16.12.2023.

3.4. Artificial Intelligence and Data Science:

Agenda:

- Suggested to include relevant Mathematics papers as AI 1 and AI 2.
- Suggested to incorporate coding competitions or hackathons as part of the curriculum to foster a competitive and collaborative spirit among students.
- Proposed to organize regular industry visits to IT companies, enabling students to witness the application of theoretical knowledge in real-world settings.



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Resolution:

• The Academic Council approved the suggestion made by the BoS members in the BoS Meeting held on 16.12.2023.

3.5. Information Technology:

Agenda:

- Suggested to explore interdisciplinary courses, allowing IT students to gain insights from other domains like business, healthcare, or engineering.
- Recommended integrating 70% of the courses to enhance communication-related subjects.]
- Recommended the inclusion of soft skills training, such as effective communication and interpersonal skills, to enhance overall employability.
- Proposed creating a mentorship program, connecting students with industry professionals to provide guidance and insights into career development.

Resolution:

• The Academic Council approved the suggestion made by the BoS members in the Bos Meeting held on 16.12.2023.

3.6. Electronics and Communication Engineering:

Agenda 3.6.1:

Finalized the professional elective I,II & III List and syllabus

Resolution 3.6.1:

• Bos of ECE recommended that instead of vertical system to follow the elective courses. The Academic Council rejected the proposal made by the BoS members in the Bos Meeting held on 29.12.2023 and suggested to follow the uniform curriculum as followed by all remaining Programs of Annapoorana Engineering College.

Agenda 3.6.2:

- Recommended including High Speed Switching Networks and Sensors and Measurements in the upcoming Professional Electives.
- Recommended to put only one open elective for the fifth, sixth and seventh semester.
- Suggested to include advance topics like "5G and beyond" in unit five of Wireless Communication Syllabus and to add Goldsmith book as text book



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Resolution 3.6.2:

• The Academic Council approved the above suggestion made by the BoS members in the BoS Meeting

3.7. Bio Medical Engineering :

Agenda:

- Suggested to remove words like "Fundamentals and Introduction" from the syllabus.
- Suggested to remove the word for Biomedical Engineering from the Course "Signals and systems"
- Recommended to have only one open elective for the fifth, sixth and seventh semester.
- Suggested to have Professional Elective I & II in fifth semester, Professional Elective III & IV in sixth semester and Professional Elective V & VI in Seventh semester respectively.

Resolution:

• The Academic Council accepted the proposal made by the BoS members in the Bos Meeting held on 29.12.2023

3.8. Electrical and Electronics Engineering:

Agenda:

The BOS Members suggested to swap the following courses:

S.No	Existing	Suggestions			
	UG				
1.	Battery Management Systems	Renewable Energy Systems			
2.	Renewable Energy Systems	Solid State Drives			
3.	High Voltage Engineering	Electric Vehicle Technology			
	PO	T			
1.	Design and Analysis of Advanced	Embedded Processor and Controller			
	Power Converters				
2.	Analysis and Design of Inverters	Switched mode power conversion			



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Resolution:

• Suggestion made by the Bos Members in the BoS Meeting held on 03.01.2024 to swap the above courses is approved by the Academic Council.

3.9. Mechanical Engineering

Agenda:

• Approved the introduction of integration of Autodesk Fusion 360 in to the curriculum of 3rd semester and 5th Semester of Mechanical Engineering Program

Resolution:

• The Academic Council approved the suggestion made by the BoS members in the Bos Meeting held on 21.12.2023

3.10. Science & Humanities :

Agenda 3.10.1:

• Suggested for Bio-Medical Engineering , Bio-Chemistry Syllabus can be included instead of Engineering Chemistry Theory and Practicals from the Next Academic Year 2024-2025

Resolution 3.10.1:

• The Suggestion made by the BOS members for Bio-Medical Engineering, Bio-Chemistry Syllabus to be included instead of Engineering Chemistry Theory and Practicals was rejected by the Academic Council and also suggested to follow the uniform curriculum for 1st Semester.

Agenda 3.10.2:

- Suggested for Professional English I . Few topics from Listening can be excluded and topics regarding Soft Skills can be included
- Suggested that Mentor Hour can be included in Time Table for all departments



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Resolution 3.10.2:

• The Academic Council approved the above suggestion made by the BoS members in the Bos Meeting

Agenda 4: To Review the Result Passing Board Meeting Minutes and Academic Results & & Completion of program by readmitted student

Agenda 4.1: Abstracts from RPB Meeting:

- Dr.R.Saravanan, Professor, Department of Mechanical Engineering, Anna University, Chennai was the Anna University Nominee for the meeting
- Result Passing Board Meeting for UG 4th , 6th & 8th Semesters was held 26.07.2023
- Result Passing Board Meeting for UG 2nd semester and PG 2nd & 4th Semesters were held on 05.10.2023
- The Board approved the Examination results and also gave approval for result publication
- The Results of the End Semester April / May 2023 were published on 28.07.2023 and for July / August 2023 examinations were published on 06.10.2023
- The Board approved the ratio of internal and external examiners involved in the question paper setting (100% External Examiners), Question paper scrutiny (Internal and External Examiners are in the ratio of 54:46), Evaluation process (Internal and External Examiners are in the ratio of 51:49) of theory course examinations April / May 2023, Question paper scrutiny (Internal and External Examiners are in the ratio of 40:60), Evaluation process (Internal and External Examiners are in the ratio of 50:50) of theory course examinations July / August 2023, and Internal and External faculty members involved for practical examinations are in the ratio of 50:50.
- No moderation were proposed by the institution, the same was accepted

Resolution 4.1:

The Academic Committee noted the Abstracts of RPB Meeting held on 26.07.2023 & 05.10.2023



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Agenda 4.2: Academic Results for the April / May 2023 & July / August 2023 Examinations

	B.E. AUTOMOBILE ENGINEERING				
Semester	2	4	6	8	
Registered	25	65	54	3	
Appeared	24	65	53	3	
Pass %	46	73	70	100	

	B.E. CIVIL ENGINEERING				
Semester	2	4	6	8	
Registered	12	46	55	17	
Appeared	12	46	55	17	
Pass %	50	54	64	100	

	B.E. CSE				
Semester	2	4	6	8	
Registered	59	63	58	30	
Appeared	57	63	54	30	
Pass %	63	83	81	97	

	B.E. ECE					
Semester	2	4	6	8		
Registered	58	66	22	8		
Appeared	52	66	21	7		
Pass %	58	52	52	100		

	B.E. EEE					
Semester	2	4	6	8		
Registered	53	65	56	13		
Appeared	52	65	55	13		
Pass %	50	52	58	85		

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B.E. MECHANICAL ENGINEERING					
Semester 2 4 6 8					
Registered	31	62	61	27	
Appeared	31	61	61	27	
Pass %	52	54	54	78	

	M.E. CSE					
Semester	2	4				
Registered	12	6				
Appeared	12	6				
Pass %	83	100				

M.E. PED			
Semester	2	4	
Registered	2	3	
Appeared	2	3	
Pass %	100	100	

Resolution 4.2:

• The overall Academic Results of the End Semester Examinations held on April / May 2023 & July / August 2023 Examinations published through Result Passing Board for UG (Odd Semester) & PG (Odd Semester) are reviewed in detail by the Academic Council Members were approved.

Agenda 4.3: Over all College Pass Percentage

- No of the courses Registered : 8614
- No of the courses appeared : 8184
- Over all Pass : 7055
- Over all Pass Percentage : 86.2

Resolution 4.3:

• The Academic Council noted the Overall College Pass Percentage



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Agenda 4.4 : List of Degree Holders

Department	Total No. of Students Appeared	Total No. of Students Clearing all Courses
Automobile	03	03
Civil	17	15
CSE	30	28
ECE	07	07
EEE	13	10
Mechanical	27	16
M.E - CSE	6	6
M.E - PED	3	3
Total	106	88

Resolution 4.4:

• The Academic Council analysed, noted and approved the degree holders result.

Agenda 4.5: Completion of program by readmitted student - S.Naveen (Reg.No:610214103023)

S.Naveen (Reg.No:610214103023) batch 2014-2018 studied in AEC and completed maximum periods of study, seeking readmission to complete BE Civil Engineering Program.

- S.Naveen (Reg.No:610214103023) batch 2014-2018 has completed seven semesters in Civil Engineering in the year 2020.
- To continue his eighth semester he has got approval from Centre for academic courses, Anna University in its 30th Academic council meet as in the letter dated on 17.10.2023
- According to additional subjects to be studied and subjects exempted in respect of admitted student under regulations 2013 and rejoined in regulations 2017(CBCS) of Centre for academic courses, Anna University, the following subjects are recommended for study.

5	CE8612 Irrigation and Environmental Engineering Drawing
VIII	CE8712-Industrial Training
	Open Elective-I



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Open Elective-II Any 2 of the following subjects can be studied as electives GE8151 Problem Solving and Python Programming GE8071 **Disaster Management ORO551 Renewable Energy Sources** CE8001 Ground Improvement Techniques **CE8703** Structural Design and Drawing GE8077 **Total Quality Management OML751 Testing of Materials** along with Subjects in 2017R for VIII semester **Professional Ethics in Engineering** GE8076 CE8022 **Prefabricated Structures** Project Work CE8811

• Credits for 2013R-187, credits for 2017R-183, S.Naveen (Reg.No:610214103023) will earn 198 after completing his degree.

Resolution 4.5:

• This agenda is discussed in detail and approved.

Agenda 5 : To Peruse the Academic Enrichments

Through Academia Collaboration

- Academic Alliance with IBM for Curriculum Integration through Value Added Courses and Joint Programs
- Academic Alliance with Ui Path Robotic Process Automation Center of Excellence (COE) through ICT Academy
- Installation of Mobile Tutor App: An Online platform for Teaching Learning Process
- Academia Collaboration with ICT Academy
- Academia Collaboration with i-Planet for Apple Authorized Training Center

Through MOUs

- IBM India Private Limited
- Blue Print
- Hire Mee and User
- Palle Technologies
- Skillablers Technologies Private Limited



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- Confido Training and events Private Limited
- Algojaxon Global Soft Private Limited
- Asset Society
- NSKD Techno Research and Innovation Solution

Resolution 5:

• The Principal enlighted on the academic enrichment made by the institution, the Academic Council members noted and approved.

Agenda 6: To approve the Special Courses

Value Added Courses:

Sl.No	Name of the courseOrganizing Depar		ng Department
1	Leadership Training		
2	Personality Development		Automobile
3	Motivation Training		
4	Employability Enhancement Training		Civil
5	UI and UX Design		
6	6 IBM - Naan Mudhalvan		CSE
7	Apple Training		
8	Campus Recruitment Training		ECE
9	Entrepreneurship Development Program		ECE
10	Soft Skill Training		
11	11 Aptitude Training		EEE
12	Yoga and Meditation		
13	Time Management		Machanical
14	Campus to Corporate Training Mechanica		wiechanicai

Certificate Courses:

Sl.No	Name of the course	Organizing Department	
1	PM and Nox control techniques		
2	Advanced Automotive Designing with Solidworks	Automobile	
3	Geometric Dimensioning and Tolerancing		
4	AI fluency training on all about AI Civil		
5	Architecture Visualization		



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6	Employability skills	
7	IOT	
8	Cyber Security	CSE
9	Chat GPT	
10	Image Processing using Mat lab	— ECE
11	Signal Processing using MATLAB	LCL
12	VHDL Modelling in VLSI	
13	MATLAB	
14	Electrical CAD	EEE
15	Programmable Logic Controller	
16	Inspection and Quality Control	Mechanical
17	Industrial Fire & safety	
18	Air-conditioning and refrigeration system	

Resolution 6:

- All the Value Added Courses and Certificate courses suggested by the BoS Members of all the departments is approved by the Academic Council.
- Academic Collaboration with i-Planet for Apple Authorised Training is appreciated and approved by the Academic Council

Agenda 7: To note and peruse the Research Activities since last meeting

Agenda 7.1 : PH.D. Completions

- DR.R.S.Gandhimathi , Head & Associate Professor Civil Engineering 21.08.2023
- Dr.V.Moorthy, Assistant Professor Mechanical Engineering 24.07.2023
- Dr.R.A.Shivasakthivadivelan, Assistant Professor Civil Engineering 28.04.2023

Resolution 7.1 :

• PhD completion by above members is noted.



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Agenda 7.2 : Government Funds Received

S.No Funding Agency		Department	Amount (Rs)
1	TMCCCT	Automobile	7,500
2	INSCOL	ECE	7,500

Resolution 7.2 :

• Government fund received by the various department of the institution, is noted and approved by the Academic Council.

Agenda 7.3 : Non- Government Fund Received

Sl.No	Department	Funding Agency	Funds Received (Rs)
1	Civil	Siragu Associates Private Limited	78,500
2	CSE	Algojaxon Global Soft Private Limited	1,00,000
3	EEE	Swarga Lighting Solution	1,67,000
4	Mechanical	Max Cadd	2,10,000

Resolution 7.3 :

• Non government fund received by the various department of the institution, is noted and approved by the Academic Council.

Agenda 7.4 : Research Proposals & Applications Submitted

- Proposal for Margadharshan scheme was submitted.
- Registration of Research & Development Center with Center of Research by the Department of Mechanical Engineering 08.12.2023



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Resolution 7.4:

• Research Proposals & Applications Submitted as above are noted and approved by the Academic Council.

Agenda 8: To note the Conduct of Events

- Annual Day & Sports Day were conducted on 12 & 13/04/2023
- Alumni Meet 2022-23 07.05.2023
- Project Expo was conducted on Engineer's Day 15.09.2023
- Number of Quality Enhancement Events conducted by the Departments : 61 No's
- Odd semester classes for the Academic Year 2023-24 began for 2,3 ,4th year students on 17.07.2023 and for 1st years on 19.07.2023
- Orientation program for 1st year was conducted from 20.07.2023 till 10.09.2023 and classes started from 11.09.2023
- Even Semester classes for the Academic Year 2023-24 began for 05.01.2024 for 3rd & 4th year students

Event under progress

• 3rd International Conference on Building a Sustainable Future with Recent Trends in Science and Technology – 2024 (ICOST-2024) on March 22 & 23, 2024 - Preliminary works started.

Resolution 8:

• The above said events were noted and approved by the Academic Council.



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Agenda 9 : To note the Placement Records

Year	Total No. of Students Attended	No. of Companies Visited	No. of Students Placed	%of Students Placed
2022-2023	103	15	92	90
2021-2022	178	22	158	89
2020-2021	164	25	142	87

Resolution 9:

• The above placement records were reviewed and approved by the Academic Council.

Agenda 10 : To note the Infrastructural Facility Improvements

10.1 : Completed

- Establishment of Advanced Materials Research Laboratory (AMRL)
- Enhancement of Incubation Center with Bambu Lab XIE- 3D Printing Technology
- Establishment of Apple Authorized Training Centre
- Establishment of New Laboratory Complex

10.2 : Proposals under Progress

- Installation of ICT Tools in all Class Rooms
- Construction of Indoor Auditorium

Resolution 10:

• The Academic Council Appreciated and approved the and approved the Infrastructural Facility Improvements made by the Institution

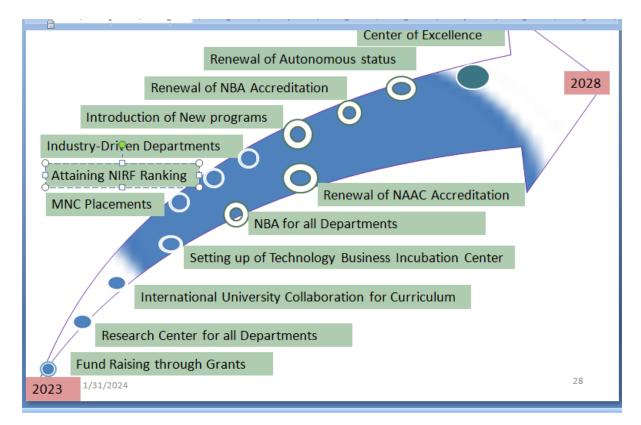


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Agenda : 11 : To peruse Strategic Plan



Resolution 11:

• The Strategic Plan was noted by the Academic Council

Agenda: 12: Any other matters, with the approval of the Chairman

Resolution 12:

• The Academic Council members highly appreciated the overall growth of the institution



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Meeting concluded with vote of thanks by Dr.R.Venkatesh, Vice Principal.

.Suresh Kumar nha University Nominee

Bam 311,124

Dr.R.Valarmathi Anna University Nominee

Dr.V

Academic Expert

Chairman - AC Dr.A.Anbuchezian Principal



Dr.P.Karpagavalli Anna University Nominee

N millikumar Dr.T.S

Academic Expert

R. S. Imghating

Mr.R.Sadhanandhavel Industry Expert

