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INDEX

SI.No	Particulars	Page No.
1	Circular	1
2	Member List	2
3	Attendance	3-5
4	Gio-Tagged Photographs	6
5	Minutes of the Meeting	7-19



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AEC/ACM/2024-25/C05

Date: 20.12.2024

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 31.12.2024 at 11.00 am. All the Academic Council members are requested to attend the meeting to discuss on the following agenda.

Agenda:

Agenda1	: Welcome Note by the Principal
Agenda2	: To Review the Action Taken report of the previous Academic Council Meeting
Agenda3	: To Review the Department BOS Meeting Minutes & approve the suggestions made by the members & Refinement of Vision, Mission & PEO Statements of Civil Engineering Department as per the suggestions made by the NBA Peer
	Team.
Agenda4	: To Review the Result Passing Board Meeting Minutes and Academic Results
Agenda5	: To pursue the Academic Enrichments
Agenda6	: To note & pursue the Research Activities
Agenda7	: To note the conduct of events
Agenda8	: To note & pursue the Student's participation in Curricular, Co-Curricular and Extra-
	Curricular Activities
Agenda9	: To note the Placement Records
Agenda10	: To note the Infrastructural Facility Improvements
Agenda11	: Any other matters, with the approval of the Chairman

Dr.S.Subhashini

Director – Administration
All Academic Council Members

3. Main Notice Board

Director - Academics

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Dr.A.Anbuchezian Principal PRINCIPAL Annapoorana Engineering College, Autonomous NH-47, Sankari Main Road, Periya Seeragapadi, Salem-636 306.





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ACADEMIC COUNCIL MEMBERS : 2024-2025

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.Balasubramaniam	Professor / Director, Centre for Materials Joining & Research (CEMAJOR), Department of Manufacturing Engineering, Annamalai Nagar, Chidambaram	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	Mrs. Silpa. N	Director – Placement & Training	Member
11	Dr. S. Venkatesan	Director - Industry Relationship & HoD - IT	Member
12	Dr.N.Nedunchezhian	HoD – Automobile	Member
13	Mr. T. Poornachandar	HoD – AI & DS	Member
14	Mrs. P. T. Bhuvana	HoD - BME	Member
15	Dr.R.S.Gandhimathi	HoD - Civil	Member
16	Dr.T.Buvaneswari	HoD - CSE	Member
17	Dr.B.Ramesh	HoD - ECE	Member
18	Dr.R.Venkatesh	HoD - EEE	Member
19	Dr.J.Sivakumar	HoD - Mechanical	Member
20	Dr.S. Muthulingam	HoD - Chemistry	Member
21	Dr.R.Kumaravel	HoD - Physics	Member
22	Dr.A.Murugesan	ASP- Civil	Member
23	Mr.S.Karthick	AP - ECE	Member
24	Mr.S.Senthilkumar	AP - EEE	Member
25	Mr.M.P.Mohanraj	ASP - Mechanical	Member







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ATTENDANCE

Academic Council Meeting 2024-2025 of Annapoorana Engineering College held on

31.12.2024 at 11.00am at Board Room

S.No	Name	Position	Category	Signature
1	Dr.A.Anbuchezian	Chairman	Principal	Bulu
2	Dr.P.Suresh Kumar	Prof. & Head, Dept. of Bio- Technology, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli		Dallaru
3	Dr.P.Karpagavalli	Professor, Department of EEE, GCE, Dharmapuri	Anna University Nominee	2 milling
4	Dr.R.Valarmathi	Prof. & Head, Dept. of ECE, Government College of Engineering (IRTT), Erode		2m (31/12k
5	Dr. V.Balasubramaniam	Professor / Director, Centre for Materials Joining & Research (CEMAJOR), Department of Manufacturing Engineering, Annamalai Nagar, Chidambaram	Academic Expert	Unich 31/12
6	Dr.T.Senthilkumar	Dean, University College of Engineering, BIT Campus, Anna University, Tiruchirapalli	Academic Expert	(1.8m)100 quit
7	Mr.R.Sadhanandhavel	Littlemore Innovations Lab, Chennai	Industry Expert	L. Sadhe hund
8	Dr.S.Subhashini	Director - Academics	Member Secretary	6. Subhaashir
9	Dr.S.Sukumar	Director - Research	Member	The silisty
10	Mrs. Silpa. N	Director – Placement & Training	Member	John william



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11	Dr. S. Venkatesan	Director - Industry Relationship & HoD - IT	Member	RA
12	Dr.N.Nedunchezhian	HoD - Automobile	Member	Hum
13	Mr. T. Poornachandar	HoD – AI & DS	Member	Rom
14	Mrs. P. T. Bhuvana	HoD - BME	Member	P.T. Bhoof
15	Dr.R.S.Gandhimathi	HoD - Civil	Member	R.S.g.t. 31/12
16	Dr.T.Buvaneswari	HoD - CSE	Member	1.631.12.24
17	Dr.B.Ramesh	HoD - ECE	Member	bst.
18	Dr.R.Venkatesh	HoD - EEE	Member	frame
.9	Dr.J.Sivakumar	HoD - Mechanical	Member	J. Sivalum
20	Dr.S. Muthulingam	HoD - Chemistry	Member	Stort.
21	Dr.R.Kumaravel	HoD - Physics	Member	kht.
22	Dr.A.Murugesan	ASP- Civil	Member	P/W Jahow



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23	Mr.S.Karthick	AP - ECE	Member	Abur
24	Mr.S.Senthilkumar	AP - EEE	Member	Goods
25	Mr.M.P.Mohanraj	ASP - Mechanical	Member	Prend

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GIO-TAGGED PHOTOGRAPHS

ACADEMIC COUNCIL MEETING - 31.12.2024





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MINUTES OF THE ACADEMIC COUNCIL MEETING – 31.12.2024 (Tuesday)

Minutes of the Academic Council Meeting of Annapoorana Engineering College for the Academic year 2024 - 2025 held at 11.00 Am on 31.12.2024 in Board Room.

Agenda 1: Welcome note by the Principal

 The Principal and Chairman welcomed the Academic Council Members and made a presentation on points relating to the meeting agenda. The Academic Council Members Appreciated the college for getting NBA Accreditation for 3 More UG Programs namely Automobile Engineering, ECE & Mechanical Engineering. The college is now 100% NBA Accredited for it's eligible courses.

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 12.07.2024 is placed before the Academic Council, incorporating the suggestions of the members and the details of the actions initiated thereon.

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

3a. Abstracts from BoS Meeting Minutes:

3.1.Automobile Engineering

Agenda: The members suggested:

- To modify the title of unit-II in the core course "22AU702 Electrical and Hybrid Vehicles" as Energy storage system and suggested to include a topic "Battery and Vehicle Modeling using simulation software"
- To rename the open elective course title "Vehicle Safety Systems" as "Autonomous Vehicle and Safety Systems"
- To alter the title of Unit-I of Open elective course "Two–Wheeler Technology" as Automotive Power Plant.
- To add Embedded system and MAT lab courses in the curriculum for the betterment of placement.
- BOS members approved the Modifying conditions for selecting Professional Elective courses from verticals.

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Resolution: The Academic Council approved the BoS Meeting Minutes of the Department of Automobile Engineering.



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3.2. Civil Engineering

Agenda: The Committee members proposed:

- In Structural Dynamics and Earthquake Engineering : Unit III to add "Liquefaction" also to remove Steel module and to add text books of Dr.Damodharasamy and Dr.CVR.Moorthy.
- In Estimation, Costing and Valuation Engineering, to include "Excel sheets" and in unit II to refine the last sentence & add Introduction to BIM.
- In Road safety management, include IoT Concepts, Early warning systems, SoS and other Highway Benefits provided by government to public also change the reference book Dr. Kadiyali to text book.
- To include Alarm system in Solid and Hazardous Waste Management.

Resolution : The Academic Council approved the BoS Meeting Minutes of the Department of Civil Engineering.

3.3 : Computer Science & Engineering:

Agenda: The BoS Members proposed to :

- include subjects like Food Nutrition, Stress Management or Mental Health in Open Elective I.
- to incorporate one project per semester to provide students with hands-on experience in end-to-end skills (front-end and back-end development).

Resolution : The Academic Council Members modified and approved the BOS Meeting Minutes of the Department of Computer Science & Engineering and suggested to implement Zero Credit Course for the students in every semester (from 2nd year onwards: to incorporate one project per semester) & to meticulously scrutinize the students performance at the End semester Examinations.

3.4. Artificial Intelligence and Data Science

The BoS Members suggested to :

- include Probability and Statistics in the third semester to strengthen the mathematical foundation for advanced AI topics.
- incorporate AI tools in the curriculum to provide practical exposure to industry-relevant technologies.

Resolution : The Academic Council approved the BoS Meeting Minutes of the Department of Artificial Intelligence and Data Science.





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3.5. Information Technology

The BoS Members:

- to add Agriculture System paper in the sixth semester to cater to evolving industry needs.
- to replace the Computer Vision course in the sixth semester with Information and Data Security (Vertical 1).

Resolution: The Academic Council approved the BoS Meeting Minutes of the Department of Information Technology

3.6: Electronics & Communication Engineering

Agenda: The academic experts recommended:

- To include subjects like Optical communication, Deep learning, Artificial Intelligence and Machine learning, Data Sciences in the Professional electives.
- Other department subjects and staff members may be utilized for open elective subjects.
- Sixth subject may be added in Seventh Semester.
- Maximum of three open electives to be used.
- Seventh Semester Internship should be completed during the sixth semester summer vacation.
- To maintain uniform contact periods as three and credit 1.5 for all laboratory courses.
- To keep two text books and four reference books for all courses.
- The guidelines for the value added courses, Internship training should be mentioned in the curriculum itself.

Resolution: The Academic Council members modified and approved the BOS Meeting Minutes of the Department of Electronics & Communication Engineering and suggested to maintain Uniform set of Minimum 3 Text Books & 3 Reference Books for all the courses offered in the Institution.

3.7. Bio-Medical Engineering

Agenda : The following suggestions were made by the BME BoS members:

22EC506-A	SEMESTER- V NALOG AND DIGITAL COMMUNICATION
	Suggestion
Unit-II-Pulse and Data Communication	Including Adaptive delta modulation and Data Communication portion should be removed.
Unit III-Digital Communication	Unit III Jitle Changed as Digital Modulation Techniques
Unit IV- Source and Error Control Coding	Shannon Fano coding and ARQ Techniques should be removed.
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Including the topic WIFI and Multiple Access Schemes, Satellite Unit V - Multi-User Radio Communication should be removed. Communication Hand over is changed to Handoff. 22BM501-PHYSIOLOGICAL CONTROL SYSTEMS Suggestion Subject Title Bio Control System Changed as Physiological Control Systems Unit III - Frequency Response Analysis Constant M and N circles, Nichol's chart should be removed. Regulation of ventilation should be removed. Unit IV - Biological System Models 22BMV31-MEDICALINFORMATICS Suggestion Unit III - Computerized Patient Record Instead of History taking by computer the experts given suggest to Change as Electronic Patients Records. Instead of Handicapped changed as Person with disability. Unit IV - Computer Assisted Medical **Decision Making** Unit V Content should be updated based on the recommendation by expert members. SEMESTER-VI 22BM601-MEDICAL IMAGE PROCESSING Suggestion Subject Title Medical Imaging Systems changed as Medical Image Processing. Unit I and Unit II the content should be reduced. 22BM602-Medical Imaging Equipment Suggestion Subject Title Radiological Equipment changed as Medical Imaging Equipment

Resolution: The Academic Council approved the BoS Meeting Minutes of the Department of Bio-Medical Engineering.

3.8. Electrical & Electronics Engineering

The Committee suggested:

to swap the following courses : U.G. - VI Semester:

1. Solid State Drives Professional Elective-II (Electrical Drives)	S.No	Existing	Suggestions
	1.	Solid State Drives	Professional Elective-II (Electrical Drives)
A ENGINEER			AN ENGINEER

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to add one subject

S.No	Subject Name	
1.	Elective-Management (Total Quality Management)	

Resolution: The Academic Council Members approved the BoS Meeting Minutes of the Department of EEE.

3.9. Mechanical Engineering

The BoS members :

- Approved the syllabus of core course for VII and VIII semester R- 2022 Mechanical Engineering board.
- Approved the list of courses and syllabus for open electives that to be offered to other Department.
- Suggested to change the course name "Introduction to non destructive testing" to "Non Destructive testing and Evaluation" pertaining to open elective courses offered to other departments.
- Suggested to include Digital Technology related courses as open electives for Mechanical and Automobile programs.

Resolution: The Academic Council approved the BoS Meeting Minutes of the Department of Mechanical Engineering

3.10. Science & Humanities

The BoS members suggested:

- For Department of Mathematics:
 - To interchange of first two Units of PRP into first two Units of Random Process and Linear Algebra (BME).
 - To Suggested to replace Unit III of RPLA as in Unit III of PRP.
 - To include Difference of Proportion in Probability and Statistics.
- For Department of Chemistry:
 - To change the Course Outcomes and Course Objectives as per the syllabus of Environmental Sciences and Sustainability.

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- > For Department of Physics & English :
 - To follow the syllabus that was already followed:



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Resolution: The Academic Council Members approved the BoS Meeting Minutes of the Department of Science & Humanities.

3b.Refinement of Vision , Mission & PEO Statements of Civil Engineering Department as per the suggestions made by the NBA Peer Team

The Department of Civil Engineering has refined the Vision, Mission & PEO Statements as per the suggestions made by the NBA Peer Team. The refined statements are as follows:

VISION

• Achieve global eminence in Civil Engineering through teaching, innovation and research.

MISSION

- Have modern facilities and advanced equipment in a collaborative environment for outstanding education, innovation, and research.
- Provide students with excellent practical knowledge to excel as outstanding civil engineers with multidisciplinary talents.
- Emphasize social values, ethics, and leadership characteristics to confront industrial needs, societal issues and challenges.

PROGRAMME EDUCATIONAL OBJECTIVES

Graduates of Civil Engineering will :

- Possess a strong foundation in Civil Engineering principles and be proficient in applying modern tools and techniques to design, analyze and implement engineering solutions.
- Demonstrate professionalism, ethical conduct and effective communication skills.
- Engage in continuous professional development and life long learning to stay abreast of evolving technologies, regulations and industry standards.

Resolution: The Academic Council approved the Vision, Mission and PEO of the Department of Civil Engineering Department.



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Agenda : 4 : To Review the Result Passing Board Meeting Minutes and Academic Results

4.1. Abstracts of Result Passing Board Meeting

- Dr.R.Dillibabu, Professor, Department of Industrial Engineering, CEG, Anna University, Chennai was the Anna University Nominee for the meeting
- Result Passing Board Meeting for UG 2nd, 4th 6th & 8th and PG 2nd & 4th Semesters Semesters was held on 10.08.2024
- The Board approved the Examination results and also gave approval for result publication and the Results of the End Semester April / May - 2024 were published on 12.08.2024
- No moderation were proposed by the institution, the same was accepted

Resolution: The Academic Council noted the abstracts of the Result Passing Board Meeting held on 10.08.2024

4.2. Academic Results for the APRIL / MAY 2024 Examinations

B.E. AL	JTOMO	BILE ENG	INEERIN	G
Semester	2	4	6	8
Registered	31	63	59	25
Appeared	28	54	27	24
Passed	08	34	23	23
Pass %	29	63	85	96

B.E. (CIVIL ENG	INEER	NG	
Semester	2	4	6	8
Registered	11	63	46	40
Appeared	11	56	36	35
Passed	09	37	23	34
Pass %	82	66	52	97

B.E. CON	IPUTER S	CIENCE &	ENGINE	RING
Semester	2	4	6	8
Registered	57	66	62	58
Appeared	51	58	57	58
Passed	33	42	50	58
Pass %	65	72	88	100

B.E. ELEC		S & CON		ATION
Semester	2	4	6	8
Registered	60	66	60	18
Appeared	58	51	52	16
Passed	35	35	37	16
Pass %	60	69	71	100



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B.E. ELECTRICA ENGINEERING	L & ELECT	RONIC	S	
Semester	2	4	6	8
Registered	43	66	55	38
Appeared	42	62	47	32
Passed	22	35	39	31
Pass %	52	56	83	97

B.E. MECHANICAL ENGINEERING							
Semester	2	4	6	8			
Registered	41	66	53	52			
Appeared	35	54	44	47			
Passed	20	29	38	47			
Pass %	57	54	86	100			

Semester	2
Registered	59
Appeared	55
Passed	34
Pass %	63

B.Tech. AI & DS		B.Tech. INFO TECHNO	
Semester	2	Semester	2
Registered	60	Registered	59
Appeared	59	Appeared	58
Passed	43	Passed	38
Pass %	77		
		Pass %	66

Semester	2	4
Registered	13	11
Appeared	11	10
Passed	10	10
Pass %	91	100

ER ELECTRONI	CS & DRIVES
2	4
9	2
8	2
8	2
100	100
	9 8 8

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Resolution:

The overall Academic results of the end semester examinations held on the April / May 2024, published through Result Passing Board for UG and PG were reviewed indetail and approved by the Academic council.



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Agenda: 5: To Peruse the Academic Enrichments

5.1 : Through Academia Collaboration:

Academic Alliance with George Academy for Value Added Courses

5.2 : Through MOUs:

S.No	MoU signed Company / Institution	Purpose
1.	Chipware Technologies Pvt. Ltd	Training Program based on VLSI
2.	L&T Edutech Educate learning platform	Conduct of Courses, Internships
3.	Atheenapandian Private Limited	Curriculum Development, Internship, Workshop facility, Collaborative Research work, Conduct of Technical Events and Placement support for Bio Medical students
4.	George Academy	Value Added Courses
5.	Guvi Geek Network Private Limited	Training on current trends through Web and Mobile Applications

Resolution:

 The Academic Council noted and appreciated the Academia Enrichments made by the Institution through Academic Collaborations and Signing MoUs with Companies and Institutions for various purposes.

Agenda : 6: To note and peruse the Research Activities since last meeting

6.1 : Research Supervisor Recognition Received :

- Dr.A.Anbuchezian, Principal & Professor, Civil Engineering received Anna University Research Supervisor Recognition (Reg.No.4410008) on 12.09.2024
- Dr.V.Moorthi, Assistant Professor, Mechanical Engineering received Anna University Research Supervisor Recognition (Reg.No.4420029) on 10.12.2024

Resolution: The Academic Council appreciated Dr.A.Anbuchezian, Principal & Professor, Civil Engineering and Dr.V.Moorthi, Assistant Professor, Mechanical Engineering for receiving Anna University Research Supervisor Recognition.

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6.2 : R & D Center :

Registration of Research & Development Center with Center of Research by the Department of Mechanical Engineering 08.12.2023 : Online Inspection completed on 21.03.2024 and the Physical Inspection was also completed on 24.12.2024 (Awaiting results)

Resolution: The Registration and Physical Inspection of Research & Development Center from Center for Research by the Department of Mechanical Engineering was noted by the Academic Council members.

S. No	Dept.	Journal Publication	Book Publication	Patent Published & Granted	Conferences attended	Events Attended
1	Automobile	2	0	0	7	6
2	Civil	3	0	3	0	12
3	CSE	1	2	0	0	14
4	ECE	2	0	1	0	4
5	EEE	2	0	0	1	3
6	Mechanical	4	2	1	0	6
7	S&H	7	3	2	9	18
	TOTAL	21	7	7	17	63

6.3. Faculty Research Activities (July 2024 till Date)

Resolution: The Academic Council appreciated the Research Activities of the faculty members.

Agenda : 7 : To note the Conduct of Events (From July 2024 till date)

Number of Quality Enhancement Events conducted by the Departments : 50 No's

Dept.	Auto	Civil	CSE	ECE	EEE	Mech	S&H	Total
No. of	6	13	16	9	1	2	3	50
Events								

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Resolution: The Academic Council noted the Conduct of Quality Enhancement Even



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Agenda 8: To note and pursue the student's participation inn Curricular, Co-Curricular and Extra-Curricular Activities

S. No	Department	Curricular & Co-Curricular Activities	Extra- Curricular Activities (Sports)
1	Automobile		
2	Civil Engineering	39	2
3	CSE	7	
4	ECE	26	1
5	EEE	10	
6	Mechanical Engineering	24	-
7	Artificial Intelligence & Data Science	4	-
8	Bio-Medical Engineering	26	-
9	Information Technology	12	-
10	Science & Humanities	-	1

Resolution: The Academic Council noted and appreciated the student's participation in Curricular, Co-Curricular and Extra-Curricular Activities.

Agenda 9: To note the Placement Records (From July 2024 till date)

9.1. Placement Records (From July 2024 till date):

Total Number of students placed from July 2024 till date: 94 students

S.No	Name of the Company	Nature of Job Offer	No . of Students Placed	Package (in Lakhs / Annum
1	TAP Academy, Bangalore	Front End Developer	10	3.5
2	TVS-Delphi, Kanchipuram	Engineering Traineee	16	2.2
3	Atozerv, Coimbatore	Web Developer	2	3
4	Foxconn, Chennai	Assembly Operator & Quality Inspector	64	2.52
5	Mcore Technologies, Bangalore	Junior engineer	2	3

9.2.Training Event Organized : 5 Days Behavioral Training was organized for students by Learning Solutions @ Chisel, Chennai



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Resolution: The Academic Council appreciated the student's placements in Core Companies and noted the Behavioural Training Event organised.

9.3. Strategic Partnership for offering Training programs for Placements

S.No	Company Name	Purpose		
1.	JOZUNA Skill Tech Platform, Bangalore	To empower students with essential 21st-century skills.(The aims is to bridge the gap between academic learning and real-world applications by launching an advanced Data Management Program for third-year and final-year students)		
2.	Taras Systems & Solutions, Bangalore	To offer Training on Certification Programs: 1.Artificial Intelligence and Machine Learning using pyth (Industrial Automation) 2.AIML Algorithm and Projects Implementation 3.VLSI Design & Verification 4.Advanced Embedded IOT & Industrial Automation		

Resolution: The Academic Council noted and appreciated the Strategic Partnership for offering Training programs for Placements.

Agenda : 10 : To note the Infrastructural Facility Improvements

10.1 : Completed

- Established Vehicle Maintenance Lab with 4D Wheel Alignment Machine, NT 702 Digital Wheel Balancer and NT 622 Tyre Changer
- Established of Bio-Medical & Bio-Sciences Laboratory
- Adding to the existing 25 systems, additional 15 systems were added to Digital Library
- Extension of Boys hostel
- Extension of Dinning area inside boys hostel
- Established Pantry Unit

10.2 : Project under Progress

- Renovation of Seminar Hall
- Extension of Girls hostel

Resolution:	The Academic Council noted the Infrastructural Facility In	mprovements	made by the
college.	The Academic Council noted the Infrastructural Facility In	MA CEEP	ulu al



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Meeting concluded with vote of thanks by Dr.S.Subhashini, Director-Academics

Dr.P.Suresh Kumar Anna University Nominee

Dr.R. Valarmathi Anna University Nominee

Jeluch h 31/10

Dr. V.Balasubramaniam Academic Expert

Chairman - AC

Dr.A.Anbuchezian Principal PRINCIPAL Annapoorana Engineering College, Autonomous NH-47, Sankari Main Road, Periya Seeragapadi, Salem-636 303.

Dr.P.Karpagavalli

Dr.P.Karpagavalli Anna University Nominee

Academic Expert 31.12. 2014

R. Jack hun film Mr.R. Sadhanandhavel

Mr.R.Sadhanandhave Industry Expert

