

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM – 630 612**  
**(An Autonomous Institution, Affiliated to Anna University, Chennai)**

Agenda for Seventh Academic Council Meeting to be held on 13<sup>th</sup> May 2023 through hybrid mode @ 11:00 AM

1. Review of 6<sup>th</sup> Academic Council meeting minutes
2. Presentation of Amendments - III of the Regulations R2020
3. Presentation of the online courses for credit transfer and the additional value added courses
4. Presentation of the Skill Based Courses to be offered from the AY 2023-2024
5. Presentation of changes in Amendments II of UG and PG Regulations 2020
6. Presentation of V to VIII semester Revised Curriculum with verticals and Syllabus of B.E./B.Tech. Degree Programmes (B.E-Mechanical, EEE, ECE, CSE, IT) for the students admitted from the AY 2021-2022 onwards
7. Presentation of V to VIII semester Revised Curriculum with Verticals and VII & VIII Semester Syllabus of B.Tech. - Artificial Intelligence and Data Science Program and Open Elective courses offered to other branch students
8. Presentation of I to VIII semester Revised Curriculum with Verticals and V & VI Semester Syllabus of B.E-Computer Science and Engineering (Cyber Security) Program
9. Presentation of Skill Based Courses for credit transfer and procedure for enrolment (applicable to students admitted from the AY 2022-2023 onwards)
10. Results of End semester Autonomous examinations of Nov/Dec 2022 – III, V and VII Semesters, approved in Result Passing Board meeting.
11. Any other points of common interest



**Chairperson / Academic Council**

**K.L.N. COLLEGE OF ENGINEERING,POTTAPALAYAM- 630612****Sivagangai District**

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Ref: KLNCE/Autonomous/Academic Council /2022

25.05.2023

Minutes of the Seventh Academic Council meeting held on 13<sup>th</sup> May 2023 through hybrid mode.Meeting ID: <https://meet.google.com/dnb-gwkk-cge>

Date: 13.05.2023,Time:11:00am

S. No.	Name of the member	Category
1.	<b>Dr.A.V.Ramprasad</b> , Principal	Chairperson
2.	<b>Dr.Rames Chandra Panda</b> Sr.Principal Scientist, Honorary faculty, Anna University,Chemical Engineering, CSIR-Central Leather research laboratory, Chennai – 600 020.	Anna University Nominee
3.	<b>Dr.K.Sundareswaran</b> Senior Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli- 620 015.	Anna University Nominee
4.	<b>Dr.Sishaj P Simon</b> Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli- 620 015.	Anna University Nominee
5.	<b>Dr.P. Asokan</b> Professor HAG, Department of Production Engineering, National Institute of Technology, Tiruchirappalli- 620 015.	Academician
6.	<b>Dr. M.Manohar</b> Deputy General Manager, Booster Hardware Fabrication Facilities(Materials & Mechanical Entity) Vikram Sarabhai Space Centre, Department of Space, Government of India,ISRO, Thiruvananthapuram 695 022.	Research Organization
7.	<b>Dr.S.J.Thiruvengadam</b> Professor and Dean(Academics), Thiagarajar College of Engineering, Madurai-625 015.	Academician
8.	<b>Mr.Manikandan</b> Chief Operating Officer, M/s Aparajitha Software Services Pvt Ltd., Madurai	Industrialist

9.	<b>Dr.P.Udhaya Kumar</b>	Chairman BoS/ Department of Mechanical Engineering
10.	<b>Dr.S.M.Kannan</b>	Member Secretary & Chairman BoS / Department of Electrical and Electronics Engineering
11.	<b>Dr.S.Miruna Joe Amali</b>	Chairman BoS / Department of Computer Science and Engineering & Department of Computer Science and Engineering (Cyber Security)
12.	<b>Dr.P.Ganesh Kumar</b>	Chairman BoS/ Department of Information Technology& Department of Artificial Intelligence and Data Science
13.	<b>Dr.R.M.Satheesh Kumar</b>	Chairman BoS/ Department of Automobile Engineering
14.	<b>Dr.S.Nagammai</b>	Chairman BoS/ Department of Electronics and Instrumentation Engineering
15.	<b>Dr.P.R.Vijayalakshmi</b>	Controller of Examinations
16.	<b>Dr.S.Suresh Raja</b>	Professor & Head, Artificial Intelligence and Data Science
17.	<b>Dr.T.Jothimurugan</b>	Chairman BoS/ Department of Master of Business Administration
18.	<b>Dr.M.R.Ilango</b>	Chairman BoS/Department of Master of Computer Applications
19.	<b>Dr.J.K.Subashini</b>	Chairman BoS/S&H
20.	<b>Prof.N.V.Karthikeyan</b>	HOD/Physics
21.	<b>Prof. O. D. Shakila</b>	HOD/Chemistry
22.	<b>Dr.A.Raviykkumar</b>	HOD/English
23.	<b>Dr.M.R.Thansekhar</b>	Professor / Mechanical Engineering
24.	<b>Dr.T.R.Muthu</b>	Assistant Professor/ Electronics and Communication Engineering
25.	<b>Dr.R.SelvaRani</b>	Assistant Professor/Department of Mathematics

### Minutes of Academic Council Meeting

The meeting started with the welcome address by the Chairman, Academic Council, by welcoming the members and Special invitees of the Academic Council. The chairman reviewed the sixth Academic Council meeting held on 6<sup>th</sup> April 2023. He briefed the Agenda of the Seventh Academic Council meeting and the minutes of the Standing Committee meeting held on 17<sup>th</sup> April 2023, based on the inputs from department Board of Studies (BoS) meetings held during February to April 2023.

**ACM 07.01: Business brought forwarded by the Chairman, Academic Council:**

- i. Ratification of previous Academic Council meeting minutes: All the suggestions given by the Academic Council members during the previous Academic Council meeting were unanimously ratified.
- ii. To consider and approve the Amendments - III of the Regulations R2020.
- iii. To approve the online courses for credit transfer during the Academic Year 2023-2024 and to approve the additional value added courses
- iv. To approve the Skill Based Courses to be offered from the Academic Year 2023-2024
- v. To consider and approve the following changes in Amendments II of UG and PG Regulations 2020. As per the directions of Anna University, the internal marks and external marks for Project work have been revised as 60 and 40 respectively. Hence in UG - Amendments II, the clauses 11.2.4, 12, 12.4.1 and 12.4.2, Table 12.1, 12.5.a and Table 12.5.b. and in PG – Amendments II, the clauses 11, 13 and Table 13.2 are re-revised as follows:

**Revision in UG Amendments II:**

**11.2.4** The continuous internal assessment for the project work will carry **60 marks** while the End Semester examination will carry **40 marks**.

**Table 12.1:**

S.No	Category of Course	Continuous Assessments	End-Semester Examinations
1	Theory Courses	40 Marks	60 Marks
2	Laboratory Courses/Mini Project	60 Marks	40 Marks
3	Theory courses with Laboratory Component / Laboratory courses with Theory Component	50 Marks	50 Marks
4	Project Work	60 Marks	40 Marks
5	All other EEC Courses	100 Marks	-

**12.****12.4.1 Project Work**

Project work may be assigned to a single student or to a group of students not exceeding 4 per group.

Project work shall be carried out under the supervision of a “qualified teacher” (possessing PG Degree or Ph.D Degree) in the department concerned.

The maximum marks for **Continuous Assessment is fixed as 60** and the **End Semester Examination (project report evaluation and viva-voce examination) carries 40 marks** for project work.

The Head of the Department shall constitute a review committee for each programme. There shall be a minimum of three members in the review committee.

The project supervisor will be one of the members of the Review Committee.

There shall be three assessments during the semester by a review committee. The student shall make presentation on the progress made before the committee. The total marks obtained in the three Reviews shall be arrived to 60 marks.

The project report shall carry a maximum 10 marks. The project report shall be submitted as per the approved guidelines as given by Academic Council. Same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 30 for project work. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

The continuous assessment and End Semester Examinations marks for Project Work and the Viva-Voce Examination will be distributed as indicated in Table 12.5.a.

**Table 12.5.a. Assessment of Project Work**

Continuous Assessment 60 Marks			End Semester Examination 40 Marks			
Review 1	Review 2	Review 3	Report Evaluation	Viva-Voce		
				External Examiner	Internal Examiner	Supervisor
20	20	20	10	10	10	10

**Table 12.5.b. Assessment of Mini Project**

Continuous Assessment 60 Marks			End Semester Examination 40 Marks			
Review 1	Review 2	Review 3	Report Evaluation	Viva-Voce		
				External Examiner	Internal Examiner	Supervisor
20	20	20	10	10	10	10

**Revision in PG – Amendments II - From the AY 2022-2023 (Even Semester) onwards****11. Procedure for Awarding Marks for Internal Assessment:**

For all theory, laboratory courses, theory courses with Laboratory Component, mini project and project work, the continuous assessment shall be awarded as per the procedure given in Table 11.1.

S.No	Category of Course	Continuous Assessments	End-Semester Examinations
1	Theory Courses	40 Marks	60 Marks
2	Laboratory Courses	60 Marks	40 Marks
3	Theory courses with Laboratory Component / Laboratory courses with Theory Component	50 Marks	50 Marks
4	Project Work/Mini Project	60 Marks	40 Marks
5	All other EEC Courses	100 Marks	-

**13. END SEMESTER EXAMINATIONS****13.2 Weightage**

The following will be the weightage for different courses.

**i. A. Theory Courses**

Internal Assessment (40) - 40%

End Semester Examinations (60) - 60%

**B. Theory courses with Laboratory component**

Internal Assessment (50) - 50%

End Semester Examinations (50) - 50%

**ii) Laboratory courses**

Internal Assessment (60) - 60%

End Semester Examinations (40) - 40%

**iii) Project work as per table 13.2**

Internal Assessment (60) - 60%

Evaluation of Project Report by external examiner (10) - 10%

Viva-Voce Examination (30) - 30%

iv) Practical training / summer project / seminar Internal Assessment - 100%

**Table 13.2: Assessment of Project Work**

Continuous Assessment 60 Marks			End Semester Examination 40 Marks			
Review 1	Review 2	Review 3	Report Evaluation	Viva-Voce		
				External Examiner	Internal Examiner	Supervisor
20	20	20	10	10	10	10

**Resolved to approve the above points ii, iii, iv and v**

**ACM 07.02: Business brought forwarded by the Board of Studies:**

**ACM 07.02.01 DME: Department of Mechanical Engineering**

- i. To consider and approve V to VIII semester revised curriculum and syllabus of B.E Mechanical Engineering Degree Program as passed in the BOS meeting held on 25.02.2023.
- ii. To change the course code as 20GE206 with L/T/P/C of 3/0/0/3 instead of 20GE201 with L/T/P/C of 2/0/2/3 for the course titled, “Engineering Graphics” for the students admitted from the Academic Year 2022-2023 onwards, as passed in the BOS meeting held on 25.02.2023.

**Resolved to approve the above for B.E Mechanical Engineering Degree Program**

**ACM 07.02.02 DEE : Department of Electrical and Electronics Engineering**

To consider and approve V to VIII semester revised curriculum and syllabus of B.E Electrical and Electronics Engineering Degree Program as passed in the BOS meeting held on 16.02.2023.

**Resolved to approve the above for B.E. Electrical and Electronics Engineering Degree Program**

**ACM 07.02.03 DEC : Department of Electronics and Communication Engineering**

To consider and approve V to VIII semester revised curriculum and syllabus of B.E Electronics and Communication Engineering Degree Program as passed in the BOS meeting held on 25.02.2023.

**Resolved to approve the above for B.E. Electronics and Communication Engineering Degree Program**

**ACM 07.02.04 DCS: Department of Computer Science and Engineering**

To consider and approve

- i. V to VIII semester revised curriculum and syllabus of B.E Computer Science and Engineering Degree Program.
- ii. I to VIII semester revised Curriculum and syllabus of V & VI semesters B.E Computer Science and Engineering (Cyber Security) Degree Program

as passed in the BOS meeting held on 24.04.2023.

**Resolved to approve the above for B.E Computer Science and Engineering and B.E Computer Science and Engineering (Cyber Security) Degree Programmes**

**ACM 07.02.04 DIT: Department of Information Technology**

To consider and approve

- i. V to VIII semester revised curriculum and syllabus of B.Tech Information Technology Degree Program.
- ii. V to VIII semester revised curriculum and syllabus of VII & VIII semesters B.Tech Artificial Intelligence and Data Science Degree Program.

as passed in the BOS meeting held on 05.04.2023.

**Resolved to approve the above for B.Tech Information Technology and B.Tech Artificial Intelligence and Data Science Degree Programmes**

**ACM 07.02.05. DMBA: Department of Management Studies**

- i. To consider and approve the syllabus of Management elective courses namely
  - Industrial Marketing
  - Management Concepts and Organizational Behaviorto be offered in V/VI/VII semester of B.E / B.Tech Degree Programmes from the Academic Year 2023-2024 as passed in the BOS meeting held on 06.04.2023.
- ii. To consider and approve the syllabus of Management courses offered under the following verticals for the award of Minor degree to B.E/B.Tech., students who are admitted from the Academic Year 2021-2022 onwards.
  - VERTICAL I: FINTECH AND BLOCK CHAIN
  - VERTICAL II: ENTREPRENEURSHIP

**Resolved to approve the above points to be followed from the Academic Year 2023-2024**

**ACM 07.03: Any Other Matter:**

- i. Chairman informed that, in UG regulation R-2020, as per clause 4.8, all the students have to undergo atleast one Value Added Course to earn 1 or 2 credits over and above the total credit requirement prescribed in the curriculum for the award of the degree. Chairman presented the list of Skill Based Courses with syllabi and procedure for enrolment of Skill Based Courses in lieu of Professional Electives/Open Electives and necessary amendments to be made in clause 4.8, Regulations – R2020 (applicable to students admitted from the AY 2022-2023 onwards).

**Resolved to approve the above for the UG students from the Academic Year 2023-2024 onwards**

ii. Chairman presented the list of Skill Based Courses to be offered for B.E./B.Tech., programmes. He also informed that, Skill Based Courses namely “Professional Development Course” with L T P C - 0 0 2 1 (1 credit ) and Maths Solver with L T P C of 0 0 4 2 (2 credits ) will be offered during third and fourth Semesters respectively for all UG students who are admitted from the academic year 2022-2023 onwards. He requested the members for the approval of the same.

iii. Chairman informed that, for all B.E./B.Tech students a mandatory Course namely “Essence of Indian Traditional Knowledge” is being offered during VI semester. This mandatory course has been removed in all UG programmes’ revised curricula, due to the introduction of Minor degree/Honors and the shifting of VIII semester courses to lower semesters. He requested the members for the approval of the same.

iv. Chairman presented the additional Value Added Courses for approval of the members.

v. Chairman also presented the list of Online courses for credit transfer for approval of the members.

**Resolved to approve the above ii to v points**

**ACM 07.04: Business brought forwarded by the Deputy Controller of Examinations:**

The Chairman requested Dr. J.Rajesh Babu, Deputy Controller of Examinations to brief the end semester examination modalities and the results.

Deputy CoE presented the results of end semester examinations of 3<sup>rd</sup> & 5<sup>th</sup> semesters (KLNCE Regulations 2020) & 7<sup>th</sup> Semester (AU Regulations 2017) B.E./B.Tech Degree programmes held during Nov/Dec 2022 and informed that for the conduct of end semester examinations, the guidelines of Anna University were followed. The results of the above end semester examinations were approved in the ninth result passing board meeting held on 10.02.2023.

The following are the suggestions given by Nominees and Experts:

- The expert member suggested to include the course namely “Financial Management” under Management Elective courses. Chairman informed that, an already approved course titled, “Economics for Engineers” will be included in the list of Management Elective courses and the members have also accepted the same.
- The experts suggested to incorporate corrective measures to improve the pass percentage in the end semester examination pertaining to third and fifth semester B.E./B.Tech

Degree programmes. Chairman informed that suitable corrective measures will be taken in this regard.

- The expert member suggested renaming of the titles of verticals namely “Emerging Technologies”. Chairman said that, the title will be renamed as “Advanced computing Technologies”
- Chairman said that, PG Regulation R2024 will be framed during next Academic year and asked permission to continue the existing curriculum & syllabus for students joining in the academic year 2023-2024.

Dr.S.M.Kannan, Member Secretary, proposed vote of thanks and the meeting came to an end at 1.00 pm.



**Signature of the Chairman**

Cc to ACM members, Director, Academic Courses  
Cc to CoE, BoS chairman, Cc to file


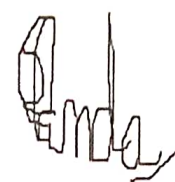
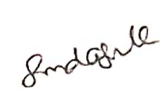
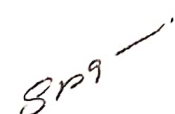
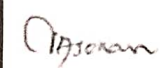


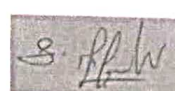
K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM- 630612

Sivagangai District

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Minutes of the Seventh Academic Council meeting held on 13th May 2023 through hybrid mode.

Members present

S. No.	Name of the member	Category	Signature
1	Dr.A.V.Ramprasad, Principal	Chairperson	
2	Dr.Rames Chandra Panda Sr.Principal Scientist, Honorary faculty, Anna University,Chemical Engineering, CSIR-Central Leather research laboratory, Chennai – 600 020.	Anna University Nominee	
3	Dr.K.Sundareswaran Senior Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli- 620 015.	Anna University Nominee	
4	Dr.Sishaj P Simon Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli- 620 015.	Anna University Nominee	
5	Dr.P.Asokan Professor HAG, Department of Production Engineering, National Institute of Technology, Tiruchirappalli - 620 015.	Academician	
6	Dr. M.Manohar Deputy General Manager, Booster Hardware Fabrication Facilities(Materials & Mechanical Entity) Vikram Sarabhai Space Centre, Department of Space, Government of India,ISRO, Thiruvananthapuram 695 022.	Research Organization	
7	Dr.S.J.Thiruvengadam Professor and Dean(Academics), Thiagarajar College of Engineering, Madurai-625 015.	Academician	
8	Mr. S.M. Manikandan Chief Operating Officer, M/s Aparajitha Software Services Pvt Ltd., Madurai	Industrialist	

9.	<b>Dr.P.Udhaya Kumar</b>	Chairman BoS/ Department of Mechanical Engineering	Udhaya
10.	<b>Dr.S.M.Kannan</b>	Member Secretary & Chairman BoS / Department of Electrical and Electronics Engineering	S.M.Kannan
11.	<b>Dr.S.Miruna Joe Amali</b>	Chairman BoS / Department of Computer Science and Engineering and CSE Cyber Security	J. Amali
12.	<b>Dr.P.Ganesh Kumar</b>	Chairman BoS/ Department of Information Technology & Artificial Intelligence and Data Science	P. Ganesh Kumar
13.	<b>Dr.R.M.Satheesh Kumar</b>	Chairman BoS/ Department of Automobile Engineering	R.M. Satheesh Kumar
14.	<b>Dr.S.Nagammai</b>	Chairman BoS/ Department of Electronics and Instrumentation Engineering	S. Nagammai
15.	<b>Dr.P.R.Vijayalakshmi</b>	Controller of Examinations	on leave
16.	<b>Dr.S.Suresh Raja</b>	Professor and Head, Artificial Intelligence and Data Science	S. Suresh Raja
17.	<b>Dr.T.Jothimurugan</b>	Chairman BoS/ Department of Master of Business Administration	T. Jothimurugan
18.	<b>Dr.M.R.Ilango</b>	Chairman BoS/Department of Master of Computer Applications	M. Ilango
19.	<b>Dr. J.K. Subashini</b>	Chairman BoS, S&H	J. Subashini
20.	<b>Prof.N.V.Karthikeyan</b>	HOD/Physics	N.V. Karthikeyan
21.	<b>Prof. O. D. Shakila</b>	HOD/Chemistry	O.D. Shakila
22.	<b>Dr.A.Raviekkumar</b>	HOD/English	A. Raviekkumar
23.	<b>Dr.M.R.Thansekhar</b>	Professor / Mechanical Engineering	M.R. Thansekhar
24.	<b>Dr.T.R.Muthu</b>	Assistant Professor/ Electronics & Communication Engineering	T.R. Muthu
25.	<b>Dr.R.Selvarani</b>	Associate Professor / Maths	R. Selvarani