RAJALAKSHMI ENGINEERING COLLEGE, THANDALAM, CHENNAI

(An Autonomous Institution) - Affiliated to Anna University

Minutes of the 19th Academic Council Meeting held on 23.08.2023 at 10.30 a.m. in the Conference Hall

S.No.	Items
AC. No.19.01	Action taken on the minutes of 18th Academic council meeting held on 17.6.2023
AC.No.19.02	An amendment proposed in the existing regulations 2019 (Revised) for UG and PG, to be made applicable for the students admitted from 2023 onwards
AC.No.19.03	Regulations proposed for 2023 for UG and PG programmes formulated with certain modifications in the existing regulations 2019 (Revised) for UG and PG programmes for the students admitted from 2023 onwards
AC.No.19.04	Curriculum for UG & PG based on Regulations 2023 and Syllabus for I & II semesters
AC.No.19.05	Any other Points

The following members were present:

S.No.	Name of the Academic Council Member	Category
1.	Dr. S.N.Murugesan	Principal & Chairman
2.	Dr.S.R.Devadasan Professor Department of Production Engineering PSG College of Technology Peelamedu, Coimbatore – 641 004	University Representative
3.	Dr.S.Balasivanandha Prabu Professor and Head Department of Mechanical Engineering CEG Campus, Anna University, Chennai – 600 025	University Representative
4.	Dr.R.Senthil Professor, Dept, Civil Engineering, CEG, Anna University, Chennai-600 025	University Nominee
5.	Dr. Suceendran K.M. Techno HR Leader, Digital Evangelist, Head - Academic Alliances TCS, Chennai	Industry Representatives
6.	Dr.C.R.Muthukrishnan Advisor, Rajalakshmi Institutions	Academician
7.	Dr.M.Subbiah, Professor Emeritus, Department of Electrical and Electronics Engineering	Academician
8.	Dr. M. Muthusamy COE and HoD H&S	Member

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9.	Dr. Suresh Chandra Khandai HOD, Aeronautical Engineering	Member
10.	Dr. N. Srinivasan Professor & HOD Artificial Intelligence and Machine Learning	Member
11.	Dr. K. Bhaskar Professor & HOD, Automobile Engineering	Member
12.	Dr.S.Rajkumar Professor &HOD, Biomedical Engineering	Member
13.	Dr. M.Sankar Professor & HOD I/c, Biotechnology	Member
14.	Dr. T.R.Sundararaman Professor & HOD, Chemical Engineering	Member
15.	Dr. S.Geetha Professor & HOD, Civil Engineering	Member
16.	Dr.K.Devaki Professor & HOD, Computer Science and Business System	Member
17.	Dr. P.Revathy Professor & HOD, Computer Science & Design	Member
18.	Dr. P.Kumar Professor & HOD, Computer Science & Engineering	Member
19.	Dr.L.Bhagyalakshmi Professor & HOD, Electronics & Communication Engineering	Member
20.	Dr. C.Kamalakannan Professor & HOD, Electrical & Electronics Engineering	Member
21.	Dr.K.Ramalakshmi Professor & HOD, Food Technology	Member
22.	Dr. Priya Vijay Professor & HOD, Information Technology	Member
23.	Dr. S.P.Srinivasan Professor & HOD, Mechanical Engineering	Member
24.	Dr. V. Santhanam Professor & HOD, Mechatronics Engineering	Member
25.	Dr. R. Giri Professor & HOD, Robotics & Automation	Member
26.	Dr. M.Uma Raman, Professor &HOD Management Studies	Member
27.	Dr.V.Prasanna Kumari, Coordinator - IQAC	Teachers' Representative

28.	Dr. Johanna Rajkumar, Dean , Biotechnology	Teachers' Representative
29.	Mr.I.Philip Praveen, Director (Training & Placement)	Teachers' Representative
30.	Dr. V. Murali Bhaskaran, Dean (Academics)	Member Secretary

The following member expressed his inability to attend this meeting:

Prof. Satyanarayanan R. Chakravarthy Professor Department of Aerospace Engineering IITM, Chennai	Academician

The Chairman welcomed the members of the academic council and invited the Dean (Academics) to present the details of the Agenda items and initiate the discussion.

AC. No.19.01	Action taken on the minutes of 18th Academic council meeting held on 17.6.2023

Action Taken : In its 18th meeting, the Academic Council had approved the introduction of twinning programme in B.E. Computer Science and Engineering under the scheme of 3 years in REC+1 year at Binghamton University, USA; in accordance with promotion of Internationalization of education as recommended in NEP 2020. Accordingly, an application has been submitted to Anna University and University approval is awaited.

AC.No.19.02	An amendment proposed in the existing regulations 2019 (Revised) for UG and PG , to be made applicable for the students admitted from 2021 onwards

Proposed UG and PG regulations 2019 Revised :: Passing requirements

In the Existing UG and PG Regulations 2019, it is stipulated that for securing pass in a course, a student should score a minimum of 50% marks in continuous assessment and end-semester examination taken together with minimum 45% in the end-semester examination, be it Theory, or Laboratory or Theory cum laboratory course.

The proposed modification includes an additional condition for Theory cum laboratory courses, that a minimum of 45% in the end semester examination in each theory part and laboratory part is separately required for passing [i.e., instead of taking 45% of marks considering theory and laboratory components together].

Dean academics said that the above modification is proposed to ensure students to acquire sound learning in both theory and laboratory components of the theory-cum-laboratory courses.

After the detailed discussions, Council RESOLVED to approve the stated change in the passing requirements in 2019 revised UG and PG regulations.

AC.No.19.03	Regulations proposed for 2023 for UG and PG programmes, formulated with certain modifications in the existing regulations 2019 (Revised) for UG and PG programmes for the students admitted from 2023 onwards

Dean Academics explained the changes proposed in the regulations 2023 for UG and PG as listed in the annexure-I

In line with NEP 2020 to facilitate Academic Bank of credits in future, it is proposed in 2023 Regulations, i) to permit the students to enroll and earn credits in online courses (which are conducted and provided with a certificate by any reputed institution or SWAYAM / NPTEL platforms, approved by the department and credits thus earned may be transferred after due approval of the Dean Academics, subject to a maximum of 9 credits, (instead of 6 credits permitted in the earlier regulations); ii) the credits thus earned can be 4 or 3+ 1 or 2+2 or 3 or 2+1; each of which can be considered instead one elective course, subject to a maximum of three elective courses.

The external members asked whether it is appropriate for a student to replace an elective course, with a combination of two different courses with 3+1, 2+2, 2+1 credits. The Dean academics replied that prior approval should be obtained by the students from the faculty counselor, before taking up such combinations and the counselor will approve only if the intended combination is appropriate. The final approval should also be obtained from the Dean Academics.

Regarding the provision given to the students as per the New Education Policy-2020 (NEP-2020), to study physical / online / hybrid mode courses offered by reputed companies, and apply for transfer of credits, Principal said that the trainer qualification is also looked into and guidelines are given to the company for the scheme of their assessment of students' performance. The Advisor added that the data regarding such courses offered by reputed companies will be provided in the next meeting of the council.

The external members sought clarification for removing the provision for supplementary examination except in the VIII semester. Dean Academics pointed out that this in accordance with Anna University norms. The Details are also included in Annexure-I

After the detailed discussion of the various points, the council resolved to approve the proposed **Regulations for 2023 for UG and PG programmes, formulated with certain modifications in the existing regulations 2019 (Revised) for UG and PG programmes for the students admitted from 2023 onwards**

AC.No. 19.04	Curriculum for UG & PG based on Regulations 2023 and Syllabus for I & II semesters

Dean Academics requested the council to give suggestions on the curriculum and syllabus for the first two semesters of the UG and PG degree programmes as recommended by the respective BoS for the academic year 2023-24 onwards.

In this context, the external members / university representatives of the Council asked whether any syllabus sub-committee is available for looking into the draft formulation of curriculum and syllabi before they are placed in the meeting of the Board of Studies (BoS). Principal replied that there is a Department Advisory Board (DAB) comprising of industry experts and alumni and in this meeting,

the draft curricula and syllabi prepared by the department is discussed in detail and their views are taken into consideration in framing the curricula and syllabi..

Dr.S.Balasivanandha Prabu enquired whether any comparison of the old and new curricula and syllabi is prepared. Principal replied that comparison of curricula and syllabi is available in the respective Boards of Studies.

Dr.S.Balasivanandha Prabu also asked whether students' views are taken into consideration while revising the curriculum and syllabus. Principal clarified that from every passing out batch of students an exit survey is taken, and their suggestions are considered in the DAB in the revision process.

The external members of the council went through the BoS document of Mechatronics Engineering department as a sample. The members expressed satisfaction with the current practice; however, they advised that a syllabus sub-committee can be formed including the representatives of current final year students since they will be in a position to offer suggestions for the introduction of new courses and modifications in the syllabi.

Dr.K.M. Suceendran, suggested that one or two chapters may be added on Generative AI & LLM in AI papers offered and it has already been included in the curriculum in computer related programmes.

The members also emphasized the need for detailed discussion on course outcomes, Program outcomes and mapping of COs to POs and PSOs in the respective Board of studies and recording them in the proceedings. Such documents are vital for accreditation process and also for reference in future modifications of curriculum and syllabus.

After detailed discussion the Council RESOLVED to approve the curriculum and syllabus for the First Two semesters as per regulations 2023 for UG and PG programmes.

AC.No.19.05	**Any other points**

Dean Academics brought to the information of the Council, the following:

- A course on B.E. Computer Science and Engineering (Cyber Security) has been introduced from the academic year 2023-24 with an intake of 60 students, with approval of Academic council at its 17th meeting followed by AICTE and Anna University.
- A stipend of Rs. 20,000/- per month is provided for PG students from this academic year 2023-24
- We have recently established an "AICTE IDEA Factory", focusing on 3D Scanning and Printing, IOT, Drone, PCB, CNC Router and Laser Cutting etc., and it was inaugurated by Dr. Senapathy "Kris" Gopalakrishnan, former CEO of Infosys, and Chairman of Axilor Ventures
- 4 projects proposed by faculty and students have been selected in MSME idea Hackathon with a funding of Rs.1.38 crores
- External members / university nominees asked about conduct of academic audit. They also pointed out that external members should be included in the audit team for auditing of the activities of the office of the Controller of Examinations. The coordinator IQAC mentioned that Academic audit is carried out annually by the audit team, which includes outside members from other technical institutions. Suitable actions are taken for improvements based on the suggestions by the audit team. The members suggested that a summary of the Academic audit may be placed in the meeting of the council.

- External members / university nominees suggested that the vision and mission of the institute and departments (formulated in reference to NBA) may be revisited for updating them based on the recent developments.

The members appreciated the academic developments and the several achievements of the institution.

Dr.S.Balasivanandha Prabu
University Representative

Dr.R.Senthil
University Representative

Dr.M.Subbiah 23.8.23
Academician

Dr.V.Murali Bhaskaran
Member Secretary

Dr.S.R.Devadasan
University Representative

Dr. Suceendran K.M
Industry Representatives

Dr.C.R.Muthukrishnan
Academician

Dr.S.N.Murugesan 23|8|23
Chairman- Academic Council