RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

MINUTES

FIFTH MEETING OF THE ACADEMIC COUNCIL

DATE & TIME -- 24 MARCH 2023. 11.00 AM

VENUE – RSET BOARD ROOM & ONLINE

Members present

1	Dr.P.S. Sreejith	Chairman
2	Dr. K. Paulose Jacob	Member
3	Dr. Vinod Kumar P.B.	Member
4	Rev. Dr. Joel George Pullolil CMI	Member
5	Dr. M. Nandakumar (Attended Online)	University Nominee
6	Dr. Jeevan Jacob	University Nominee
7	Dr. Tide P. S.	Member
8	Mr. Rajeev Mullakkara Azhuvath	Member
9	Dr. Rajeev Kumar P.	Member
10	Dr. Manoj G Tharian	Member
11	Dr. Elizabeth Rita Samuel	Member
12	Dr. Rithu James	Member
13	Dr. Dhanya P M	Member
14	Dr. Neeba E A	Member
15	Dr. Hari C V	Member
16	Dr. Ramkumar P.B.	Member
17	Dr. Sonia Paul	Member
18	Ms. Liza Annie Joseph	Member secretary

Leave of absence:
1.	Rev. Dr. Jaison Paul Mulerickal CMI	Member
2.	Dr. V Lijo	University Nominee
3.	Dr. Lillykutty Jacob	Member
4.	Dr. Sunil Jacob John	Member

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The meeting commenced at 11.00 am with a silent prayer.

Prof. Dr.Sreejith. P.S, Principal & Chairman delivered the welcome speech. He welcomed all Academic Council members who were physically present and those who joined online.

Detailed discussions on agenda commenced afterwards.

Item No. AC 5/01 –To confirm the minutes of the fourth Academic Council meeting of RSET held on 18-10-2022.

> The Principal presented the minutes of the fourth meeting of the Academic Council held on 26.04.2022 and the academic council resolved to approve the minutes.

Item No. AC 5/02 Ratification of the scheme and syllabus of B.Tech. / M. Tech. Programmes of various branches as recommended by the respective BOS during the academic year 2022-23.

> The HoD concerned presented the curriculum, Scheme and Syllabus of various under graduate and post graduate programmes for the present and coming academic years and the same were ratified by the Academic Council after discussions.

The department wise presentations are given below.

1. ***Department of Mechanical Engineering*** : Dr. Manoj G. Tharian, HoD Department of Mechanical Engineering presented the Scheme and Syllabus for Core course and Elective programme of various semesters (Details annexed)

2. ***Department of Civil Engineering*** Dr. Rajeevkumar, HoD, Civil Engineering Dept, Discussed the following points:

   1. Syllabus of S7/S8 (2021 Admn) has been revised and add-on course were ratified.
   2. Add-on courses on

   a) Building Information Modeling,

   b) PLAXIS 2D

   c) Design of Experiments for Civil Engineers was also highlighted in the Academic Council meeting.
   Further the importance of Construction, Planning and Execution courses in the curriculum was also proposed. (Details annexed)

3. ***Department of Electrical & Electronics Engineering***

The BOS of the Department of Electrical and Electronics was conducted on 11/03/2023 in online mode. The meeting approved the syllabus of S2 (2022 batch), S4 (2021 batch), and S6 (2020 batch) with a few suggestions. The main suggestion was to incorporate more industrial visits in between the topics so that they get more implications of the concept. As Add-on courses, hands on projects can be incorporated in the area related to:

- PCB Design and Fabrication
- Training on DSP Kit
- Training on Solar panel installation
- EV drive train design.

4. **Department of Applied Electronics & Instrumentation:** Dr. Hari C. V., HoD, Applied Electronics &Instrumentation presented the recommendations of BoS for the syllabus approval of the 5th semester (2021 Admissions) AEI courses at the academic council and approved the same.

He also presented the following 6 MOOC courses as a 5th semester (2020 Admissions) course of Minor in Robotics and Automation and approved the same in the Academic Council.

5. **Department of Electronics & Communication Engineering** : Dr. Rithu James, HoD Department of Electronics & Communication Engineering presented the Scheme and Syllabus for Elective courses Honor and Minor programmes (Details annexed)

6. **Department of Computer Science & Engineering**

Dr. Dhanya P.M, HoD, Department of Computer Science & Engineering has discussed the following points in Academic Council meeting on 24/3/2023.

I) Approval of S4 B.Tech CSE (2021 admission) syllabus with modifications (max 20%) in subjects namely :
   a) Operating Systems
   b) Database Management systems
   c) Computer Organization and Architecture.
II) Approval of Add-on courses namely
   a) Web development Using HTML 5
   b) Android Programming for S4 B.Tech CSE students who have not opted for Minors / Honors.
III) Approval of S6 B.Tech CSE syllabus(2020 admission) with no modifications.
IV) Approval of S2 B.Tech Programming in C(2022 admission) with no

Modifications.
V) Approval of S6 Honors MOOC courses.
VI) Approval of S6 Minor MOOC courses.

Dr. Dhanya P.M. (HoD, Dept. of Computer Science & Engineering) raised the concern that most of the MOOC courses identified were not available during the corresponding semester running time. The committee decided that, if   the MOOC courses are not available on time, then students can complete it by 8th Semester. The committee also suggested that students should also opt for courses offered by Udemy rather   than NPTEL alone. If MOOC courses are not available students can take the corresponding theory subjects given in the Honors/Minor Baskets.

7. Department of Mathematics

Syllabus revision 2023 (Admission)S1,S2,S3,S4 and Minor/ Honors courses and modules were discussed. (Details Annexed)

Item No. AC 5/03 To approve the Academic calendar for the even semester B.. Tech. Programme during 2022-23 academic year.

Rev. Dr. Joel George Pullolil CMI, Assistant Director and Dean UG, presented and explained in detail Academic calendar for the even semester B. Tech. Programme during 2022-23 academic year and same was unanimously approved by the Academic Council.

Item No. AC 5/04 To approve the Examination Calendar for the Even Semester programme during 2022-23 academic year.

Dr. Vinodkumar P B, Controller of Examinations RSET (Autonomous) and Dean (PG) presented the Examination calendar for the even semester B. Tech. Programme during 2022-23 academic year and the same have been resolved to approve by the Academic Council.

Item No. AC 5/05 Any other item with the consent of the chair

General discussions were held on topics such as impact of technology on humans and the rising unemployment rate, scope of 3D printing technology etc.

Mr Rajeev Mullakkara Azhuvath, Enterprise Architect, TCS, Kochi pointed out that the use of 3D printing applications are increasing in R& D departments across India. This in turn is helping engineers to build prototypes for design testing, thereby gaining more insights for product testing before finalizing the production plans.

He also expressed the concern that many people are getting laid off by major companies like Google, Microsoft, Amazon, Accenture etc to cut costs, because businesses arena making enough money to cover their expenses or need a lot of extra money to pay off debt. This creates the potential for rise in unemployment which will affect educational institutions too.

The meeting came to an end at 12.20 P M and the Principal and Chairman, RSET Academic Council, Dr P.S. Sreejith thanked all the Academic Council members for their active participation and valuable suggestions. He also acknowledged the support and cooperation of the HoDs who will be completing their tenure in March 2023.

LIZA ANNIE JOSEPH

Member Secretary

24-03-2023.

Prof. Dr. P. S. SREEJITH

Chairman & Principal RSET,