

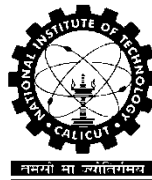


MINUTES OF THE 84th MEETING OF THE SENATE

Date: June 15, 2021

Time: 2.30 pm

Venue: Through video-conferencing



**NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT CAMPUS P.O, KOZHIKODE-673 601, KERALA**



**MINUTES OF THE 84th MEETING OF THE SENATE
held on June 15, 2021 at 2.30 pm through video-conferencing**

Members Present:

1.	Dr. Sathidevi P S, Director (I/C)
2.	Lt Col Pankajakshan.K (Retd) Registrar & Secretary
3.	Dr.Saly George, Dean (Academic)
4.	Dr. Rowena Robinson, Professor, IIT Bombay
5.	Dr. Abdul Nazeer K. A., Professor, CSED
6.	Dr. Aji Anappara, Associate Professor, HoD, Physics- Invitee
7.	Dr Ali C K, Professor, ECED
8.	Dr. Anaul Kabir, Professor, SBT
9.	Dr Anjaneyulu M V L R. Professor, CED
10.	Dr. A. P. Shashikala, Professor, CED
11.	Dr. A Shaija, Professor, MED
12.	Dr Aparna K, HoD, CHED, Invitee.
13.	Dr. Ashish Awasthi, First year Coordinator - Invitee
14.	Dr. Ashok S, Professor, EED
15.	Dr. C. Muraleedharan, Professor, MED
16.	Dr. Chandrasekharan K., Dean (FW)
17.	Dr. Deepthi P P, Professor, HoD, ECED
18.	De Harikrishna M, Assistant Professor, HOD I/C, T&P, Invitee
19.	Dr Indira P V, Professor, HoD, CED
20.	Dr. Jacob M J, Professor, MAT
21.	Dr Jayaraj S, Professor, MED
22.	Dr.Jeevamma Jacob, Dean (AA&IR)
23.	Dr. Jose Mathew, Professor, HoD, MED
24.	Dr Joseph M A, Professor, MED
25.	Dr. Joy M L., Professor, MED
26.	Dr K Muralikrishnan, HoD, CSED
27.	Dr K Krishnamurthy, Professor, CED
28.	Dr. Lakshmi C., Professor, CHY
29.	Dr. LityAlen Varghese, Professor, CHED
30.	Dr.Madhu Kumar S D, Dean (SW)
31.	Dr Manu R, Professor, MED
32.	Dr.K.Muhammad Shafi , Associate Professor & Head, SOMS, Invitee
33.	Dr. Naseer M. A., Professor, Dean(P&D)
34.	Dr. N Sandhyarani, Professor, SMSE
35.	Dr. P. K. Rajendrakumar, Professor, MED
36.	Dr. P. P. Anilkumar, Professor, HoD, DAP
37.	Dr Praveen Nagarajan, Professor, CED
38.	Dr. Priya Chandran, Professor, CSED
39.	Dr. Raghu C.V., Associate Dean (Academic), Invitee
40.	Dr. Rijil Ramchand, Professor, EED
41.	Dr. R. Sridharan, Professor, MED
42.	Dr. S Chandrakaran, Professor, CED
43.	Dr. Sameer S M, Professor, ECED
44.	Dr.Satyananda Panda, Professor, MAT



45.	Dr. Shiny Joseph, Professor, CHED
46.	Dr. Sindhu T K, Associate Dean (Academic) - Invitee
47.	Dr. Sobhan C B, Professor, SMSE
48.	Dr Soney Varghese, Associate Professor, HoD, SMSE, Invitee
49.	Dr Sreelekha G, Professor, ECED
50.	Dr.Suchithra T.V., Associate Professor, HoD, SBT – Invitee
51.	Dr. Sunil Jacob John, Professor, MAT
52.	Dr Sunitha M S, Professor, HoD, MAT
53.	Dr T M. Madhavan Pillai, Professor, CED
54.	Dr. V. Madhusudanan Pillai, Professor, MED, Dean(R&C)
55.	Dr. V Sivasubramanian, Professor, CHED
56.	Dr Vineeth Paleri, Professor, CSED

The Secretary welcomed the members present to the 84th meeting of the Senate of National Institute of Technology Calicut and the Chairman called the meeting to order at 2.30 P.M.

S 84.1	Passing of the Minutes of the 82nd meeting of the Senate
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The Senate resolved to pass the minutes of the 82nd meeting of the Senate except for the agenda item mentioned below.

S 82.3 Consideration of incorporating GATE as an additional Eligibility criterion for PhD admission

The Senate in its 82nd meeting, resolved to include the additional eligibility criterion of “Qualified GATE examination at some point of time” for PhD admission to engineering departments.

Even though the discussion in the 82nd meeting was on including GATE as an additional qualification to the existing eligibility criteria for Ph.D admissions in engineering and architecture departments, Senators opined that the above minute may be modified as below to have better clarity.

The Senate resolved to modify the eligibility criteria for the Ph. D admissions to NIT Calicut as follows:

For the admissions to Ph. D. Programmes under the Regular (Fulltime) scheme, a GATE score (obtained at some point of time in the past) in the respective disciplines or fellowships such as JRF/UGC/NET/CSIR/KSCSTE etc. or qualification in any other national level tests as specified by the GoI order No. F. No. 33 – 1/2019 – TS.III dated 1st February 2019 is also made mandatory in addition to the other eligibility criteria specified by the individual Departments/Schools.

S 84.2	Passing of the Minutes of the 83rd meeting of the Senate
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The Senate resolved to pass the minutes of the 83rd meeting of the Senate



S 84.3	Consideration of Recommendations from 49th meeting of BoAC
S 84.3.1	Consideration of the proposal of reviewing CGPA to percentage conversion and change in the definition of class.

This agenda item is taken up for discussion based on the request from students, through student representatives, to the Senators in the 82nd meeting of the senate to review the existing formula used ($(CGPA - 0.5) * 10$) for CGPA to percentage conversion. A committee with senior faculty members of the Institute was constituted to examine the matter and give recommendations. The suggestions of the committee were recommended to the Senate by 49th meeting of BoAC after detailed deliberations.

The senate discussed the matter in great detail. All the Senate members have opined that since the institute is working on awarding letter based grades with a credit point, it cannot be converted directly to percentage marks. However, students will be requiring the equivalent percentage marks for certain job applications and higher studies. The Senate members further opined that the concern of the students of not being able to get 100% marks even if they score 10 CGPA, and similar degradation in the percentage because of the existing formula, is genuine and is to be addressed. The formula was arrived at by taking the condition that a grade is defined for a range of marks, the mark of a student can fall anywhere within the range and hence the equivalent percentage of mark is taken in the middle of the credit point corresponding to the letter grade multiplied by 10. But subtraction of (0.5) is adversely affecting the students whose marks are falling in the higher side of the range. It is felt that the subtraction of (0.5) before multiplying by 10 is denying justice to a major section of students.

After detailed deliberations, the Senate made the following resolution:

The Institute may publish a certificate on the website, the template of which is as follows.

- (i) *It is certified that the Cumulative Grade Point Average (CGPA) awarded by NIT Calicut is not convertible to percentage. However, notionally the CGPA may be multiplied by a factor of 10 to obtain a numerical percentage.*
- (ii) *This regulation is effective from 15th June 2021 onwards and is applicable to all graduates of National Institute of Technology Calicut, irrespective of their year of graduation.*

The certificate on the website supersedes the conversion formula currently being used and nullifies the formula printed on the back side of the grade cards with effect from 15th June 2021. Students may download the certificate to produce it wherever required.

The Senate also resolved that the definition of classes based on the CGPA in the results shall continue to remain the same as given in the existing Ordinances and regulations.



S 84.3	Consideration of Recommendations from 49th meeting of BoAC
S 84.3.2	Consideration of the proposal from HoD (CSED) to change the duration of the MCA programme from 3 Years to 2 years.

The Senate resolved to accept the proposal to change the duration of the MCA programme from 3 years to 2 years from 2022 admission onwards as this is in line with the AICTE order for the same (AICTE/AB/MCA/2020-21 dated 03-07-2020). HoD (CSED) has informed the Senate that the department has obtained concurrence from the Department of Mathematics which is planning to offer the programme from 2022 onwards, after obtaining the approval from BoG of NIT Calicut.

S 84.3	Consideration of Recommendations from 49th meeting of BoAC
S 84.3.3	Consideration of the proposal from HoD (ECED) regarding draft guidelines prepared from ECED towards splitting the B.Tech project work as institute project and industry internship

This agenda item is with regard to the provision given in the 2017 curriculum for UG students to do their final year projects outside the institute. As per R18 of Ordinances & Regulations for B. Tech. & B. Arch. Programmes applicable to 2017 admission onwards, the eighth semester project is the continuation of the seventh semester project. Even though the curriculum has the provision, it is not possible for the students due to the above clause in R 18, to carryout the major project during internship outside the institute in their 8th Semester, as it may not be the continuation of their project in the seventh semester. Moreover, the internship will be usually confirmed only during the seventh semester which may lead to practical difficulties in forming project groups and selecting the project topics.

Hence the Senate resolved to modify R18 of Ordinances & Regulations for B. Tech. & B. Arch. Programmes applicable to 2017 admission onwards as follows.

The project work in the seventh semester/ninth semester is the prerequisite of the Project work in the eighth semester/tenth semester as the project work in the latter semester needs to be the continuation of the former one.

However, for B Tech students who wish to carry out their project outside the institute with the recommendation of DCC, the project work in the eighth semester need not be the continuation of the former one. In such cases, the students will have to submit two project reports separately for the two semesters.

The same provision can be extended to PG students who undertake their 3rd semester project work in the Institute and 4th semester project outside the Institute.

S 84.3	Consideration of Recommendations from 49th meeting of BoAC
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S 84.3.4	Consideration of the proposal from HoD (ECED) to consider a new research area coming up in ECED consequent on the joining of a new faculty member, Dr. Lalit Kumar. Dr. Lalit has submitted a proposal to add PG & UG electives together with a subject for PhD scholars in the research stream "RF/Microwave"
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The Senate resolved to approve the proposal of adding the following UG, PG elective and PhD courses in the department of ECED.

1. EC9301D Antenna Theory and Design
2. EC6134D RF and Microwave passive circuits
3. EC4077D CAD for High frequency circuits

S 84.3	Consideration of Recommendations from 49th meeting of BoAC
S 84.3.5	Consideration of the proposal from HoD (SoMS) to consider Introduction of 2 PhD Level Courses in Economics from SOMS (1. MS9101: Gender Economics, 2. MS9102: Economics of Information- Structure, Strategy & Policy)

The Senate resolved to approve the following two PhD level courses proposed by SoMS.

1. MS9101D Gender Economics
2. MS9102D Economics of Information, Strategy and Policy

S 84.3	Consideration of Recommendations from 49th meeting of BoAC
S 84.3.6	Consideration of the proposal from HoD (DAP) to swap semester 7 with semester 8 from the current S6 B.Arch batch

The Senate observed that the proposed swapping was done in the year 2020 also which enabled most of the students to do internship in offline mode due to decrease in the number of COVID cases and the opening of various architecture firms. Following the same supposition, students of the current batch would be able to do an offline internship from the month of January 2022 onwards.

Hence the Senate resolved to approve the proposal of swapping semester 7 with semester 8 of B.Arch course during the academic year 2021-22 also .

S 84.3	Consideration of Recommendations from 49th meeting of BoAC
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S 84.3.7	The proposal for the completion of session 3 submitted by the committee to formulate the guidelines for first year classes
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The committee to formulate the guidelines for the first year classes has prepared a plan for completing session 3 of first year UG (2020 admission) students in fully online mode in line with the resolution of 83rd Senate, agenda item S83.2. The plan was prepared in consultation with faculty in charge of all the courses of session 3.

The senate resolved to approve the proposal of the committee for the completion of session 3 during June to August 2021.

S 84.4	Consideration of request from Mr. Gautham J (B180081ME) to consider ME6135D-System Simulation and Modelling (PG course) as elective in the winter semester 2020-2021
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Mr. Gautham J (B180081ME), a student from sixth semester Mechanical Engineering, has enrolled for the PG elective ME6135D System Modelling and Simulation and attended the classes and appeared for all evaluations during the winter semester 2020-21. As per R.6.5 of Ordinances and regulations of B Tech and B Arch applicable from 2017 onwards, "A B.Tech./B.Arch. student may be allowed to register for an elective course from the PG curriculum during the final year based on the advice from the FA and permission from the course faculty, provided his/her CGPA upto the semester is 7.5 or above".

HoD, MED has informed that the student has attended all the classes and evaluations, and hence his enrollment to the PG level course may be permitted. Otherwise, the student would have to be overloaded with more courses in the seventh semester.

The Senate has resolved to permit the student to credit this course as a special case as the student has already completed the course requirements.

S 84.5	Consideration of committee report on Review of Policies for crediting SWAYAM courses
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As per the agenda item S83.1 of 83rd meeting of the senate of the Institute, it was decided to entrust the committee which prepared guidelines for crediting courses from SWAYAM platform, to review the existing policies related to it. The Senate has deliberated on the report submitted by the committee in detail. The Senate also discussed the relative grading policy suggested by HoD, MED, which needs the average and standard deviation of marks of all students attended the course. HoD, MED suggested that permission may be given to department AQMC to decide the grading pattern and to assign letter grades to students for courses credited from SWAYAM platform.

After detailed deliberations, the Senate resolved the following.



- (i) The AQMC shall finalise the grades of the students after collecting the total marks obtained for each student and statistical data for the course from SWAYAM platform.
- (ii) If students from various departments in the institute are crediting the same course from SWAYAM platform, a common class committee may be formed with AQMC and faculty mentors of the course from the departments involved.
- (iii) Students from 5th, 6th and 7th semesters are allowed to credit courses from SWAYAM. The number of such courses that a single student can credit is restricted to TWO.
- (iv) More than TWO courses credited from SWAYAM will not be recorded in the grade card.
- (v) Eighth Semester students are NOT allowed to credit the courses from SWAYAM. (NPTEL suggests that it is not advisable for the final semester students to take these courses as there can be issues in the result publication time and risk of failure).

S 84.6

Any other matter

Dean (Academic) presented two academic calendars and academic plans for the following programmes:

1. Third semester UG
2. All other programmes except for 2021 admission UG, PG & Ph.D

After detailed deliberations, the Senate resolved to approve the proposed academic calendars and academic plans.

The meeting concluded at 7.20 PM.

Registrar & Secretary