

**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA**

Minutes

77th Meeting of the Senate



MEETING No : 77th Senate Meeting
DATE : 08.06.2018 (Friday)
TIME : 10.00 A.M.
VENUE : Senate Hall, NIT. Rourkela

To: _____

Dept./Centre: _____



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

**Minutes of the 77th meeting of the Senate of the Institute held on 08.06.2018 (Friday)
in the New Senate Hall, N.I.T., Rourkela.**

Members / Invitees present

1. Prof. A. Biswas, Director	-	Chairman, Senate
2. Shri S. K. Upadhyay, Registrar	-	Secretary, Senate
3. Prof. K.K. Mohapatra, Dean(AC)	-	Member
4. Prof. M. Panda, CE	-	Member
5. Prof. K.C. Biswal, CE	-	Member
6. Prof.(Mrs.)S. Mishra, CH	-	Member
7. Prof.(Mrs.) A. Sahoo, CH	-	Member
8. Prof. S. Paria, CH	-	Member
9. Prof. A.K. Turuk, CS	-	Member
10. Prof. S.K. Rath, CS	-	Member
11. Prof. D.P. Mohapatra, CS	-	Member
12. Prof. J. Bera, CR	-	Member
13. Prof. S. Bhattacharya, CR	-	Member
14. Prof. D. Sarkar, CR	-	Member
15. Prof. R.K. Patel, CY	-	Member
16. Prof. S. Meher, EC	-	Member
17. Prof. P.K. Sahu, EE	-	Member
18. Prof. J. K. Satapathy, EE	-	Member
19. Prof. K.P. Maity, ME	-	Member
20. Prof. S. K. Sahoo, ME	-	Member
21. Prof. A. Satapathy, ME	-	Member
22. Prof. A. K. Satapathy, ME	-	Member
23. Prof. S. Murugan, ME	-	Member
24. Prof. S.K. Patel, ME	-	Member
25. Prof. S.C. Mishra, MM	-	Member
26. Prof. (Mrs.)S. Mohanty, HS	-	Member
27. Prof. S. Panigrahi, PH	-	Member
28. Prof. B. Ganguli, PH	-	Member
29. Prof. M R Barik, Chief Warden	-	Invitee
30. Prof. S. Behera, CR	-	Invitee
31. Prof. S. Chatterjee, HOD, CY	-	Invitee
32. Prof. T.K. Dan, HOD, EC	-	Invitee
33. Prof. Md. Equinnuddin, HOD,ER	-	Invitee
34. Prof. S. Mishra, HOD, FP	-	Invitee
35. Prof. D.S. Bisit, HODI/c, ID	-	Invitee
36. Prof. B. Mallick, HOD, LS	-	Invitee
37. Prof. S. Sarkar, HOD, MM	-	Invitee
38. Prof. D. Bag, HOD, SM	-	Invitee

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| 39. Mr. K. P. Panigrahi, Asst. Registrar, Academic(Res.) | - | Invitee |
| 40. Mr. A.K. Behera, Asst. Registrar (UG & PG), | - | Invitee |

Members/ Invitees Absent

- | | | |
|------------------------------------------------|---|-----------------|
| 1. Prof. P. Gahan, Sambalpur University | - | External Member |
| 2. Prof. R.K. Mishra, Berhampur University | - | External Member |
| 3. Prof. P.K. Biswas, IIT, Kharagpur – 721 302 | - | External Member |
| 4. Prof.(Mrs) K. Parmanik, BM | - | Member |
| 5. Prof. N. Roy, CE | - | Member |
| 6. Prof. S. K. Sahu, CE | - | Member |
| 7. Prof. C.R. Patra, CE | - | Member |
| 8. Prof. K.C. Patra, CE | - | Member |
| 9. Prof. S.P. Singh, CE | - | Member |
| 10. Prof.(Mrs.) M. Kundu, CH | - | Member |
| 11. Prof. R. K. Singh, CH | - | Member |
| 12. Prof. R. Sarkar, CR | - | Member |
| 13. Prof. R. Dinda, CY | - | Member |
| 14. Prof. B. Subudhi, EE | - | Member |
| 15. Prof.(Mrs.) D. Patra, EE | - | Member |
| 16. Prof. A. K. Panda, EE | - | Member |
| 17. Prof. K.B. Mohanty, EE | - | Member |
| 18. Prof.(Mrs.) S. Das, EE | - | Member |
| 19. Prof. S.K. Patra, LS | - | Member |
| 20. Prof. S.S. Ray, MA | - | Member |
| 21. Prof. G.K. Panda, MA | - | Member |
| 22. Prof. K. C. Pati, MA | - | Member |
| 23. Prof. S. Chakravarty, MA | - | Member |
| 24. Prof. R.K. Sahoo, ME | - | Member |
| 25. Prof. D.R.K. Parhi, ME | - | Member |
| 26. Prof. C.K. Biswas, ME | - | Member |
| 27. Prof. S.S. Mohapatra, ME | - | Member |
| 28. Prof. S. K. Acharya, ME | - | Member |
| 29. Prof. S.C. Mohanty, ME | - | Member |
| 30. Prof. B.C. Ray, MM | - | Member |
| 31. Prof. B.B. Verma, MM | - | Member |
| 32. Prof. D. P. Tripathy, MN | - | Member |
| 33. Prof. B.K. Pal, MN | - | Member |
| 34. Prof. S. Jayanthu, MN | - | Member |
| 35. Prof. D. Behera, PH | - | Member |
| 36. Prof. M K Gupta, HOD, BM | - | Invitee |
| 37. Prof. P. Kumar, HOD, PH | - | Invitee |
| 38. Prof. (Mrs.)B.Sarkar, HOD, PA | - | Invitee |
| 39. Prof. N.R. Mishra, HOD, HS | - | Invitee |

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राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

77th MEETING OF THE SENATE

Date : 8th June, 2018 (Friday)
Time : 10.00 A.M.
Venue : Senate Hall, NIT Rourkela.

MINUTES

2018-77-Senate-01: Welcome to the members and invitees by the Chairman (Senate).

PART – I: WITH STUDENT INVITEES

NO ITEMS

PART – II: WITH-OUT STUDENT INVITEES

2018-77-Senate-02: To confirm the minutes of 76th meeting of the Senate.

The draft minutes of 76th meeting of the Senate, provisionally approved by the Chairman, Senate was circulated to all members. No comments / suggestions on the correctness of the recording of the minutes have been received from any member.

Senate Confirmed the minutes.

[Annexure – A1, Pg. No. 1 - 8]

2018-77-Senate-03: Report on Action Taken on the decision of 76th meeting of the Senate.

The report on the action taken on the decisions made in the 76th meeting of the Senate was given in the Annexure for information of the Senate.

Senate noted the ATR and advised the following:-

- AR(Ac-Res) and AR(UGPG) were directed to compile the existing academic regulations to be uploaded in the website at the earliest. Dean(AC) was advised to constitute a committee that would take care of all changes. This job should be completed as early as possible.*
- A tabular format will be prepared by Dean(AC) for submission and processing of student representations/grievances to the Director. The format will have parts for the student followed by the Supervisor/Faculty Advisor, HOD, AR/DR (AC), Asso. Dean (AC) / Dean (AC), Director.*

Every official will put up his/her clear comments quoting appropriate regulation and/or facts avoiding simple recommendation and/or forwarding.

[Annexure – A2, Pg. No. 9]

A. RULES, PROCEDURES, CURRICULA AND POLICY MATTERS:

2018-77-Senate-04: Policy for Part-Time Programs for Industry Employees.

The Senate, vide Resolution No. - 2018-76-Senate-06, dated 23/05/2018 had constituted a committee to prepare a detailed policy with eligibility criteria, fee structure, honorarium to faculty and associated staff, etc. for starting of self-financing part-time programs in M. Tech. / MBA and Ph. D for the working employees of the local industry and other Govt./Pvt. organisations from the Autumn 2018-19 semester. Report of the committee was placed on the table. A letter received from ED (P&A), SAIL, RSP, Rourkela in this regard was given in the annexure.

Senate deliberated on the report and decided that an advisory committee will be formed consisting of officials from both RSP and NIT, Rourkela. Prof. K.K. Mohapatra, Dean (AC), Prof. B. Subudhi, Chairman (CDC) and Prof. A. Satapathy, Asso. Dean (AC) will be the members from NIT, Rourkela. The committee was authorised to finalise the Curriculum and other issues in discussion with RSP and HODs of interested departments.

[Annexure – A3, Pg. No. 10-13]

2018-77-Senate-05: Policy for pursuing various programs by the Institute employees.

The Senate, vide Resolution No. - 2018-76-Senate-07, dated 23/05/2018 authorised Prof. J. K. Satapathy Committee to prepare the detailed policy allowing the institute employees to pursue higher studies in various programs of the Institute. The detailed policy in this regard was placed on the table.

Senate approved the draft regulations in-principle and it was suggested to submit the report so that it can be put up to the forthcoming BOG. Senate opined that administrative policy to grant permission to apply for enrolment in the permitted courses is required to be finalized by the concerned authority.

[Annexure – A4, Pg. No. 14-17]

2018-77-Senate-06: Regulations for Branch Change for B. Tech. students.

The Senate, vide Resolution No. - 2018-76-Senate-10, dated 23/05/2018 had constituted a committee to prepare detailed regulation for Branch Change for B. Tech. students after completion of their first year course. The proposed regulations for the same was put up on the table.

Senate deliberated on the proposal and suggested some changes in the policy. Dean (AC) was advised to change in the draft policy and submit the report at the earliest.

[Annexure – A5, Pg. No . 18]

2018-77-Senate-07: Review and nomination of members of various Committees

The terms of some of the members of various Academic Committees are due for completion on 30/06/2018. Constitution of different committees as on date was given in the annexure for reference.

Senate authorized the Chairman (Senate) to nominate the members of various committee whose tenure is due for completion by 30 June, 2018.

[Annexure – A6, Pg. No. 19-20]

2018-77-Senate-08: Policy on suspension of classes for various student activities.

It is being observed that a number of classes (mostly on Friday afternoons and Monday forenoons) are suspended in relation to various student activities like immersion, nitrustav, sports, etc. For instance, classes of five ANs/FNs (12/01, 19/01, 23/01, 02/02 and 05/02) have already been suspended in the current Semester. Notice for such suspensions is normally issued at the last minute with approval of the Director. This practice reduces the number of scheduled periods and leads to additional pressure on the faculty members to compensate the lost periods. Since the suspensions are not pre-planned, the time period of suspended classes of the faculty members are less likely to be gainfully utilized

The item was deferred to the next Senate meeting.

2018-77-Senate-09: Minutes of the Curriculum Development Committee

Minutes of the meeting, dated 02/05/2018 of the Curriculum Development Committee on various issues related to the Curriculum was given in the annexure.



Senate approved the minutes with changing duration of HS-1270 (Language Laboratory) to 2 hours from 3 hours.

[Annexure – A7, Pg. No. 21-24]

2018-77-Senate-10: Proposal submitted by Dean (AR) to form a Standing Senate Sub-Committee to process alumni endowment proposals.

A proposal has been received from Prof. S. Meher, Professor (EC) and Dean (AR) to frame a Senate Sub-Committee to process the alumni endowment proposals and to recommend the same for approval by the Chairman, Senate if found to be similar to the ones already approved by the Senate/BOG earlier. This process will help in faster implementation of the alumni proposals by reducing time required to take formal approval of the Senate.

Senate deliberated on the proposal and approved the following committee:-

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|---------------------------|---|------------------|
| a. Dean (AR) | - | Chairman |
| b. Prof. S. K. Patel (ME) | - | Member |
| c. Asso. Dean (AR) | - | Member-Secretary |

[Annexure – A8, Pg. No. 25-26]

2018-77-Senate-11: Provision of 6-month internship in industry for final year students.

A proposal dated 02/11/2017 and a reminder dated 16/03/2018 based on the Minutes of the T&P Advisory Committee dated 25/10/2017 has been submitted by the HOC (TP) to amend the existing Academic Regulations to make provision for undergoing internship for 6 months in the industry for the final year students matching with the requirement of the recruiting companies.

Senate did not approve the proposal. However, for M. Tech & Dual Degree programmes, the respective faculty and department were authorized to take decision on internship in individual cases for collaborative research only.

[Annexure – A9, Pg. No. 27-30]

2018-77-Senate-12: Introduction of Minor Degree for Integrated M. Sc. and Dual Degree.

A proposal dated 02/04/2018 has been submitted by the HOD (PH) to introduce Minor Degree for the Integrated M. Sc. and Dual Degree students in line with the Senate Resolution vide No. 2017-69-Senate-20,

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dated 28/02/2017 and as circulated vide No. NITR/AC/M/2018/0623, dated 27/03/2018 for B. Tech. students.

Senate approved the proposal.

[Annexure – A10, Pg. No. 31]

2018-77-Senate-13: Increase the duration of Institute Fellowship to the Project Scholars.

A proposal dated 04/04/2018 has been submitted by the HOD (PH) to increase the duration of the Institute Fellowship to the eligible Project Scholars to two years. Further, a joint application dated 19/04/2018 from 32 Ph. D students has also been received requesting for same benefit. Proposal of the HOD (PH) and application of the students are given in the Annexure.

Senate recommended the approval to increase the duration of the Institute fellowship to the eligible project scholars for a period of 18 months only in line with the decision taken by the Deans & Heads Committee. Senate advised Registrar to put to forthcoming FC/BOG for approval.

[Annexure – A11, Pg. No. 32-35]

2018-77-Senate-14: Proposal submitted by Prof. S. Bhattacharya for change in the time period for thesis submission after synopsis seminar for Ph.D / M. Tech. (Research) Scholars.

As per the existing regulation, the time period between synopsis seminar and thesis submission is one month. The student also needs to present a draft thesis to the DSC members, ideally seven days before the synopsis seminar. After the seminar, the DSC/MSc at their discretion can suggest thesis extension time by one more month. On examining the dates of thesis submission for the last two years, it is revealed that almost 40-50% thesis were submitted just within the time limit set by the Institute for escaping the registration for the next semester. Thus, it is clear that both the student and the supervisor face some kind of compulsion to complete the thesis submission before the next semester registration and it may lead to errors and mistakes in the thesis and in some extreme cases, may be a compromise in the magnitude of work to be done. It is also observed that some thesis invites more comments (and some of these comments are quite negative). Although the DSC members are supposed to go through the draft thesis and suggest the necessary modifications, however, in reality, DSC members going through the draft thesis is an



exception rather than the regular practice. And even if some DSC members advise some modification, it may not be taken in the true spirit and complied with. In view of this, the following modification in the thesis submission is proposed:

- (i) The time period between synopsis seminar and thesis submission may be extended (typically three to six months which is the usual norm followed in many Institutes of higher learning). The idea is to summarize the work done and present before the committee during the synopsis seminar and the actual thesis writing to start only after the synopsis seminar is approved.
- (ii) To de-link the thesis submission and the next semester registration after the synopsis seminar – i.e. if the synopsis seminar has been delivered before the commencement of the next semester, the student need not do further registration.

The item was deferred.

2018-77-Senate-15: Proposal submitted by Prof. S. Bhattacharya for change of semester evaluation grading system for Ph.D scholars.

As per the existing practice, the semester performance evaluation of the research work for Ph. D scholars is reflected with Ex to P grade, similar to the grading system followed for other sessional courses. The semester grades are also linked to the thesis submission as a student has to complete a minimum of 96 credits with B grade before he becomes eligible for thesis submission. Although the present system works fine for most of the scholars for some underperforming students, this type of grading may pose a problem for such situations when the students have completed 96 research credits with at least B grade without a significant research output and the supervisor is under pressure to permit thesis submission.

In view of this, it is proposed that the total registered research credit (usually 24) be divided into 6 units of 4 credits each and the student is awarded either satisfactory (S) or unsatisfactory (U) grade pertaining to each unit of research. Thus, a scholar can have either 6S or 6U or any combination in between of these two extreme grades. Thesis submission will be permitted only when the scholar obtains minimum 'S' grade in 24 units i.e. total 96 'S' credits.

The item was deferred.

2018-77-Senate-16: Proposal submitted by Prof. S. Bhattacharya for modification of guidelines for M. Tech. (Regular) thesis evaluation.

As per the existing regulation, norms for evaluation of M. Tech. (Regular) thesis in 3rd and 4th semester follow the following guidelines (Excerpts from Clauses 11.10) and 11.11):

Third Semester

- a) Mid Semester assessment by Supervisor (Based on day to day work as recorded in official record book and observation of supervisor) = 20%
- b) Mid Semester assessment by Evaluation Board (Based on record of work presented in summary report, official record book and oral or poster presentation) = 20%
- c) End Semester assessment by Supervisor (Based on day to day work as recorded in official record book and observation of supervisor) = 20%
- d) End Semester Assessment by Evaluation Board (Based on work presented in summary report, official record book, publication preprints, experimental demonstrations) = 20%
- e) Project Report (assessed by Evaluation Board through oral or poster presentation) = 20%

Irrespective of the score in the first 3 segments, a student needs to perform satisfactorily in the last 2 segments in the end of semester evaluation.

Fourth Semester

For the assignment of a grade in the 4th semester, the weightage of the different components will be same as that in the 3rd semester, except for the addition of an external examiner to the Evaluation Board. The Project report will be in the form of a neatly bound thesis covering the work of both semesters. The external examiners will be selected by Dean (Academic) out of a panel of five experts suggested by the Departmental Academic Committee. [Note: The external examiner will be shown the project record book of the students.]

It may be noted that the in the third semester project evaluation, the supervisor's contribution is 40% (including mid and end sem) and the committee's contribution is 60%. I feel that this demarcation underestimates the evaluation by the supervisor who is associated with



the work on day to day basis. On the other hand, the student is exposed to committee for two days (or maximum 1 hour). Moreover, as per the above clause, the student's grade will depend on a large extent on the performance on two specific days, and every student may not perform well to satisfy the board on those specific days. This situation may lead (in some cases) either overestimation or under estimation of grades. Further, in the fourth semester evaluation, the specific contribution of the external examiner (who only will have access to the draft thesis also) is not mentioned.

Therefore, it is proposed that this point may please be discussed in the Senate for formulating the supervisor's evaluation, committee evaluation and external examiner's evaluation. My personal feeling is that since the supervisor is associated with the day to day supervision as well as responsible for all the details incorporated in the thesis, his contribution cannot be less than the cumulative evaluation by committee and the external examiner.

The item was deferred.

B. UNDERGRADUATE AND POSTGRADUATE STUDIES

2018-77-Senate-17: Publication of result of 4th Semester M. Tech. and 10th Semester Dual Degree students.

The results of 4th Semester M. Tech. and 10th Semester Dual Degree examinations held in Spring 2017-18 and list of graduating as recommended by the UGPEC will be put up on the table for approval of the Senate [To be put up by PIC, Examinations].

Senate approved the recommendation of the PGPEC. Senate further decided to withhold result Mr. Indranil Das, Roll No. - 216CE3060 temporarily in view of the recommendation of ICC. Senate requested the ICC to further inquire the case particularly w.r.t the digital evidences and give the details of offence for further decision by the Senate.

[Annexure – A12, Pg. No .36&37]

2018-77-Senate-18: Appeal of Abhisek Bhattacharjee for registration of EE-1000 in Summer 2017-18.

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Abhisek Bhattacharjee, Roll No. 115CS0011 has submitted an appeal to permit him to register EE-1000 (Basic Electrical engineering) course in the Summer 2017-18. He has an "X" grade in this course for shortage of attendance and he has cited medical grounds as the reason for same. He has also submitted an undertaking to accept the decision of the Senate.

Senate did not approve the appeal.

[Annexure – A13, Pg. No .38-40]

C. RESEARCH STUDIES

2018-77-Senate-19: Report of RPEC on Enrolment, Provisional Registration and Registration of Ph. D and M. Tech. (Res) students.

The report of the 46th RPEC on Enrolment, Provisional Registration and Registration of Ph.D. and M. Tech. (Res) students was to be put up on the table for consideration of the Senate.

Dean (AC) and Chairman (RPEC) informed that the meeting of the 46th RPEC was scheduled on 5th June, 2018 but could not be held due to lack of quorum. Report will be put up to next Senate.

[Annexure – A14, Pg. No .41]

2018-77-Senate-20: Award of Provisional Degree to Ph. D and M. Tech. (Res.) students.

36 Ph. D students and 3 M. Tech. (Res.) as given in the Annexure have been awarded Provisional Degree after approval of the Chairman, Senate from 01/02/2018 to 31/05/2018.

Senate ratified the award of Provisional Degrees and advised Dean (AC) to make minor correction wherever observed in the annexure report.

[Annexure – A15, Pg. No .42-47]

D. DISCIPLINE, ENDOWMENT AND STUDENT AFFAIRS

2018-77-Senate-21: Report of ISDC on cases of student indiscipline.

Report of the ISDC and its recommendation on the cases of student indiscipline referred to it was to be placed on the table.

Senate deferred the item and advised Chairman (ISDC) to submit report positively in the next Senate meeting.

E. MISCELLANEOUS:

2018-77-Senate-22: Any other matter with permission of the Chair:

Date of next meeting of the Senate may be

1. Request of Tapaswini Padhi, Roll No. 509CY607 to grant extension of 3 months for submission of Ph.D thesis.

Senate approved her request. [Annexure - A16, Pg. No. 48]

2. Appeal of Binit Kumar Singh, Roll No. 114MN0569 to consider reduction of punishment imposed for adoption of unfair means

Senate did not approve his appeal. [Annexure - A17, Pg. No. 49]

3. Request of Anshu Priya, Roll No. 113CH0504 for registration of additional two courses for supplementary exam.

Senate did not approve her request. [Annexure - A18, Pg. No. -50]

4. Request of Nupur Nandi, Roll No. - 517MA6010 for permission to appear in supplementary exam in MA-628.

Senate authorized the Chairman, Senate to decide.

5. Request of Sayed M. Ahamad, Roll No. - 417MA5039, for removal of debar (X Grade) in PH-1002 on medical ground.

Senate authorized the Chairman, Senate to decide.

6. Second appeal of Satya Sundar Sahani, Roll No. 114MM0533 and G.Bharath Babu, Roll No. - 713MN1144 for registering Seminar and Technical Writing in Summer 2018.

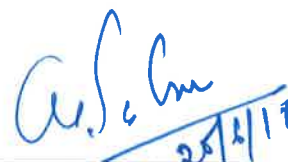
Senate authorized the Chairman, Senate to decide.

7. Request of Sri Lakshmidhar Mishra, F/o- Saurav Mishra, Roll No. - 115MM0389 for permitting his son to write Summer / Supplementary Exam in paper CS-1002.

Senate authorized the Chairman, Senate to decide.



(S. K. Upadhyay)
Registrar and
Secretary (Senate)



(Prof. A. Biswas)
Director and
Chairman (Senate)