

**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA**

Minutes

83rd Meeting of the Senate



MEETING NO. : 83rd Senate Meeting
DATE : 23.05.2019 (Thursday)
TIME : 09.30 A.M.
VENUE : Senate Hall, NIT Rourkela

To: _____

Dept./Centre: _____



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

Minutes of the 83rd meeting of the Senate of the Institute held on 23.05.2019
(Thursday) in the Senate Hall, N.I.T., Rourkela.

Members / Invitees present

1. Prof. A. Biswas, Director	-	Chairman, Senate
2. Prof. P. K. Das, Registrar	-	Secretary, Senate
3. Prof. N. Roy, CE	-	Member
4. Prof. S. K. Sahu, CE	-	Member
5. Prof. C.R. Patra, CE	-	Member
6. Prof. R. K. Singh, CH	-	Member
7. Prof.(Mrs.) M. Kundu, CH	-	Member
8. Prof. S. Paria, CH	-	Member
9. Prof.(Mrs.)S. Mishra, CH	-	Member
10. Prof. A.K. Turuk, CS	-	Member
11. Prof. S.K. Rath, CS	-	Member
12. Prof. S. Bhattacharya, CR	-	Member
13. Prof. J. Bera, CR	-	Member
14. Prof. R.K. Patel, CY	-	Member
15. Prof. R. Dinda, CY	-	Member
16. Prof. K. K. Mohapatra, EC	-	Member
17. Prof. S. Meher, EC	-	Member
18. Prof. P.K. Sahu, EE	-	Member
19. Prof.(Mrs.) S. Das, EE	-	Member
20. Prof. S. Mohanty, HS	-	Member
21. Prof. B B V L Deepak, ID	-	Member
22. Prof. S.S. Ray, MA	-	Member
23. Prof. G.K. Panda, MA	-	Member
24. Prof. K. C. Pati, MA	-	Member
25. Prof. K.P. Maity, ME	-	Member
26. Prof. D.R.K. Parhi, ME	-	Member
27. Prof. S. K. Acharya, ME	-	Member
28. Prof. S. K. Sahoo, ME	-	Member
29. Prof. S. Murugan, ME	-	Member
30. Prof. A. Satapathy, ME	-	Member
31. Prof. S.K. Patel, ME	-	Member
32. Prof. B.K. Pal, MN	-	Member
33. Prof. D. P. Tripathy, MN	-	Member
34. Prof. S. Panigrahi, PH	-	Member
35. Prof. S.K. Pratihar, Chief Warden	-	Invitee
36. Prof. T.K. Dan, HOD, EC	-	Invitee
37. Prof. S. Mishra, FP	-	Invitee
38. Prof. B. Mallick, HOD, LS	-	Invitee
39. Prof. (Mrs.)B. Sarkar, HOD, PA	-	Invitee

40. Prof. S.K. Behera, CR	-	Special Invitee
41. Mr. A. K. Behera, Asst. Registrar (UG & PG),	-	Invitee
42. Mr. K. P. Panigrahi, Dy. Registrar, Academic(Res.)	-	Invitee

Members/Invitees Absent

1. Prof. R.K. Mishra, Berhampur Univ.	-	External Member
2. Prof. P.K. Biswas, IIT, Kharagpur	-	External Member
3. Prof. P. Gahan, Sambalpur Univ.	-	External Member
4. Prof.(Mrs) K. Parmanik, BM	-	Member
5. Prof. K.C. Patra, CE	-	Member
6. Prof. M. Panda, CE	-	Member
7. Prof. S.P. Singh, CE	-	Member
8. Prof. S. K. Sahu, CE	-	Member
9. Prof. K.C. Biswal, CE	-	Member
10. Prof.(Mrs.) A. Sahoo, CH	-	Member
11. Prof. D.P. Mohapatra, CS	-	Member
12. Prof. D. Sarkar, CR	-	Member
13. Prof R. Sarkar, CR	-	Member
14. Prof. J. K. Satapathy, EE	-	Member
15. Prof. B. Subudhi, EE	-	Member
16. Prof. A. K. Panda, EE	-	Member
17. Prof.(Mrs.) D. Patra, EE	-	Member
18. Prof. K.B. Mohanty, EE	-	Member
19. Prof. S.K. Patra, LS	-	Member
20. Prof. S. Chakravarty, MA	-	Member
21. Prof. S. S. Mohapatra, ME	-	Member
22. Prof. A. K. Satapathy, ME	-	Member
23. Prof. R.K. Sahoo, ME	-	Member
24. Prof. B.C. Ray, MM	-	Member
25. Prof. S.C. Mishra, MM	-	Member
26. Prof. S. Jayanthu, MN	-	Member
27. Prof. B. Ganguli, PH	-	Member
28. Prof. D. Behera, PH	-	Member
29. Prof. A. Thirugnanam, HOD, BM	-	Invitee
30. Prof. B. Kundu, HOD,ER	-	Invitee
31. Prof. S. Sarkar, HOD, MM	-	Invitee
32. Prof. N.R. Mishra, HOD, HS	-	Invitee
33. Prof. D. Bag, HOD, SM	-	Invitee



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

83rd MEETING OF THE SENATE

Date : 23rd May 2019 (Thursday)
Time : 0930 hrs.
Venue : Senate Hall, NIT Rourkela.

MINUTES

2019-83-Senate-01: Welcome to the members and invitees by the Chairman (Senate).

Director and Chairman (Senate) welcomed all the members and invitees to the 83rd meeting of the Senate.

PART – I: WITH STUDENT INVITEES

NIL

PART – II: WITH-OUT STUDENT INVITEES

2019-83-Senate-02: To confirm the minutes of 82nd meeting of the Senate.

The draft minutes of 82nd meeting of the Senate, provisionally approved by the Chairman, Senate was circulated by group-email on 20th May 2019 to all members by groupmail. Few comments / suggestions on the correctness of the recording of the minutes were discussed during the meeting.

Senate confirmed the minutes with following modifications/additions:-

2019-82-Senate-02: *Standing permission to act as Examiners as available at present to continue. Faculty are not required to seek specific permission for same.*

2019-82-Senate-19: *For the 2018-19 batch, "B" and above Grades will be converted to "S". For grades less than "B", Dean (AC) will finalise the conversion to "S" and/or "U" in consultation with respective Supervisors.*

2019-82-Senate-36(4): *Students appearing in Summer Course to clear/improve their "P"/"F" grade(s) of 1st/2nd semester will not be eligible for branch change. However, students permitted to appear in Supplementary examination due to serious family calamity [e.g. death of parent(s)/sibling(s)]*

or illness (certified by Institute Medical Officer) during the regular examination will be eligible for branch change.

[Annexure – A1, Page No. 1 - 20]

2018-83-Senate-03: Report on Action Taken on the decision of 80th meeting of the Senate.

The report on the action taken on the decisions made in the 80th meeting of the Senate held on 21/12/2018 is given in the Annexure for information of the Senate.

Senate noted the ATR.

[Annexure – A2, Page No. 21]

2018-83-Senate-04: Report on Action Taken on the decision of 81st meeting of the Senate.

The report on the action taken on the decisions made in the 81st meeting of the Senate is given in the Annexure for information of the Senate.

Senate noted the ATR.

[Annexure – A3, Page No. 22]

A. RULES, PROCEDURES, CURRICULA AND POLICY MATTERS:

2019-83-Senate-05: Relaxation in minimum qualification required for admission to Extended/Executive/Part-time PhD and M. Tech. (R) Programmes.

Senate has approved Extended PhD and M. Tech. (R) program for Institute employees, Part Time PhD and M. Tech. (R) program local industry and Executive PhD and M. Tech. (R) program for working professionals. Considering the prospective applicants for these courses, it is proposed to waive the following two criteria from the minimum qualification as required for admission to regular PhD and M. Tech. (R) programmes:-

- a) Relaxation of 0.5 in CGPA [5% in marks] may be considered in the qualifying degree for the Group-A officers of Central/State Govt./Autonomous Bodies, faculty and Group-A officers of Central/State Universities/CFTIs, positions in private sectors having annual CTC equal to annual gross pay at the minimum pay scale in Level – 10 of 7 CPC Pay Matrix, who have at least 5 years of experience as on 30th June.
- b) Qualifying in NET/GATE/any other examination not required, and
- c) Less than 6.5 CGPA [60% marks] in 10th and 12th to be accepted without NET/GATE/any other examination.

Senate approved the proposal.

2019-83-Senate-06: Constitution of Internal Quality Assurance Cell [IQAC].

The mandate of NAAC as reflected in its vision statement is in making quality assurance an integral part of the functioning of Higher Education Institutions (HEIs). As per MHRD guidelines for assessment and accreditation, internal quality assurance systems of HEIs are self-regulated responsibilities of the higher education institutions, aimed at continuous improvement of quality and achieving academic excellence.

In view of above importance of internal quality assurance, it is proposed to constitute an Internal Quality Assurance Cell [IQAC] which may be headed by the Dy. Director or a senior Professor in the absence of Dy. Director.

Senate approved establishment of IQAC and nominated Prof. S. K. Rath (CS) as the first Chairman of IQAC.

2019-83-Senate-07: Implementation of Outcome Based Learning [OBL].

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. The role of the faculty adapts into instructor, trainer, facilitator, and/or mentor based on the outcomes targeted.

It is proposed to implement Outcome Based Learning [OBL] from next academic year. IQAC may monitor the implementation.

Senate approved the proposal and advised the Registrar & Secretary [Senate] to arrange an one-day workshop for creating awareness among the faculty members by inviting officials from NAAC and experts in this field..

2019-83-Senate-08: Policy/Guidelines on Lateral Learning through Certification on SWAYAM/MOOC platform.

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

This is done through a platform [<https://swayam.gov.in/>] that facilitates hosting of all the courses, taught in classrooms from Class 9 till post-graduation to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to any learner. More than 1,000 specially chosen faculty and teachers from across the country have participated in preparing these courses.

The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

Massive Open Online Courses (MOOCs) are free online courses [<http://mooc.org/>] available for anyone to enroll. MOOCs provide an affordable and flexible way to learn new skills, advance your career and deliver quality educational experiences at scale.

It is proposed to allow credit transfer up to 20% of total credit of the programme to the students who complete equivalent courses in SWAYAM and/or MOOC. This will facilitate the students to complete their course requirement early thereby making them capable to take up internships or undertake start-ups. This will also help the Institute to secure more points for NIRF Ranking.

Senate approved the proposal and constituted the following committee as the "Credit Transfer Committee" to formulate the guidelines/policy:-

- a) Prof. K. K. Mahapatra, Dean (AC) - Chairman
- b) Prof. S. K. Patel, Head (T&P)
- c) Prof. S. Mishra (CH)
- d) Prof. S. K. Sahoo (CE)
- e) Prof. R. Dash (CS)
- f) Prof. S. Das (EE)
- g) Prof. S. K. Sahoo (ME)
- h) Prof. A. Basu (MM)
- i) Prof. R. K. Patel (CY)
- j) Prof. B. Mallick (LS)
- k) Prof. S. Mohanty (HS)

The Committee will submit report to the Chairman (Senate) by 7th July 2019.

2019-83-Senate-09: Resumption of Online Student Feedback system.

In order to overcome certain shortcomings of the Online Student Feedback system existing earlier, student feedback for last four semesters were collected through offline mode in OMR sheets. However, more difficulties are being faced in the offline mode. Besides, offline mode also involves more expenses than the online mode. Accordingly, it is proposed to resume Online Student Feedback system from next academic year.

A committee may be constituted to examine the earlier Online Student Feedback system and suggest modification to the same for development of a refreshed platform by the Office Automation Cell of the Institute.

Senate approved the proposal and requested Prof. S. Bhattacharyya (CR) to supervise the resumption of online feedback system taking assistance of Academic Office and Automation Cell. Senate also approved for developing an Android Application for the same, if felt feasible and suitable.

2019-83-Senate-10: Proposal for payment honorarium to foreign PhD examiners.

In view of stringent FEMA guidelines, lack of expertise in the local banks and/or concern of certain foreign examiners to share their full bank details, difficulty is being faced in online [wire/telegraphic] transfer of the honorarium to the foreign examiners.

It is proposed to explore possibility of making payment by Demand Draft also by complying the required Forms – 15 CA and 15CB by hiring service of a Chartered Accountant on payment per case basis.

Senate opined that online payment system (wire/telegraphic transfer) to continue as compliance to Govt. of India guidelines in this regard. However, Dean (AC) may approve payment by DD in extreme cases considering merit of individual cases. Senate also advised to explore possibility of making payment through any other bank including private banks which may give better and faster service. In case of payment by DD, required service of a Chartered Accountant may be taken for compliance of rules in that respect.

2019-83-Senate-11: Proposal for on-boarding in National Academic Depository [NAD].

The Union Cabinet has approved establishing a digital depository of academic awards to be known as National Academic Depository (NAD) on the pattern of securities depository in its meeting held on 27th October, 2016. Consequent upon the approval of Cabinet, the Government in exercise of

powers conferred under section 20(1) of University Grants Commission Act, 1956 has designated University Grants Commission (UGC) as the authorised body for the purposes of establishment of NAD comprising of two interoperable digital depositories.

The vision of NAD is born out of an initiative to provide an online store house of all academic awards. It is a 24X7 online store house of all academic awards viz. certificates, diplomas, degrees, mark-sheets etc. duly digitised and lodged by academic institutions / boards / eligibility assessment bodies. NAD not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage.

National Academic Depository comprises of two interoperable digital depositories viz. CDSL Ventures Limited (CVL) and NSDL Database Management Limited (NDML). These digital depositories have ensured hardware, network facilities and software of prescribed quality for smooth and secured operationalisation of NAD.

While CVL is a wholly owned subsidiary of Central Depository Services (India) Limited [CDSL], a leading securities depository in the country, NDML is a subsidiary of "National Securities Depository Limited (NSDL)". NSDL has pioneered the demat revolution in securities markets and supports 89% of the market.

Following are the benefits for academic institutions :

- 1) Permanent and safe record of keeping all academic awards issued;
- 2) No need for issuing duplicate academic awards, students can get it from NAD;
- 3) Effective deterrence to fake and forged paper certificates;
- 4) All academic awards verification needs can be addressed by NAD;
- 5) Efficient, effective and transparent administration..

Recently, MHRD has advised all the NITs to come on-board to NAD by September 2019. Representatives of CDSL are in talk with the Institute to facilitate the process of on-boarding. Accordingly, it is proposed to on-board to NAD through the services of CDSL at the rates fixed by the Govt. of India in this respect.

Senate approved the proposal to on-board the Institute in NAD by taking service of CDSL through an MoU. Senate also approved to establish NAD Cell and nominated Prof. D. P. Mahaptra (CS) as the first Nodal Officer.

2019-83-Senate-12: Conversion of Department of Planning & Architecture to School of Planning & Architecture [SPA].

In view of enough possibilities to have SPA in the Institute as Government of India has opened only 15 SPAs against their plan of 18 SPAs, it was recommended in the 190th meeting of the Deans and HODs held on 14/05/2019 to convert Department of Planning & Architecture to School of Planning & Architecture [SPA]. HOD [PA] to take initiative in this regard.

Senate deferred the recommendation for the time being and advised HOD (PA) to submit a detailed proposal on the matter for consideration of the Senate.

2019-83-Senate-13: Proposal to open School of Pharmaceutical Science/Engineering.

In the 190th meeting of the Deans and HODs held on 14/05/2019, the Director floated an idea to open a "School of Pharmaceutical Science/Engineering" keeping in view to synergize the available resources in the departments of Biotechnology and Medical Engineering, Chemical Engineering, Nano Centers and Chemistry and its future growth potential. It was recommended to place the idea as an agenda in next Senate meeting.

Senate appreciated the recommendation and constituted the following committee to submit a detailed proposal:-

- a) Prof. R. K. Patel (CY) – Chairman
- b) Prof. A. Thirugnanam (BM)
- c) Prof. S. Paria (CH)
- d) Prof. D. Sarkar (CY)

2019-83-Senate-14: Proposal to join in "Study in India" scheme to attract foreign students.

In the 190th meeting of the Deans and HODs held on 14/05/2019, the Director emphasized the importance of admission of foreign students in the Institute through "Study in India" Scheme launched by Honorable Prime Minister, which will not only help in brand building of the Institute but also contribute towards NIRF ranking. It was recommended to place the proposal as an agenda in next Senate meeting.

Senate approved the recommendation. Senate also approved establishment of "Foreign Students' Cell" as follows:-

- | | | |
|--------------------------|---|----------|
| a) Dean (AC) | - | Chairman |
| b) Dean (SW) | - | Member |
| c) Chief Warden | - | Member |
| d) Asso. Dean (AC) | - | Member |
| e) PIC (Exam.) | - | Member |
| f) AR/DR (Academic-Res.) | - | Member |
| g) AR/DR (Academic-UGPG) | - | Convener |

B. UNDERGRADUATE AND POSTGRADUATE STUDIES

2019-83-Senate-15: Publication of result of Autumn 2018-19 End-Semester Examination of UG programs.

The results of 2nd, 4th, 6th & 8th semesters B. Tech and Dual degree B. Tech. & M. Tech. and 2nd, 4th, 6th, 8th and 10th semesters five year Integrated M. Sc. and the list of graduating B. Tech. and Integrated M.Sc. students as recommended by the UGPEC was put up on the table for approval of the Senate [put by PIC, Examinations].

Senate approved the recommendation of the UGPEC. However, Senate advised that endorsement of DAPOC is mandatory for submission of result by the Department/Faculty.

[Annexure – A4, Page No. 23]

2019-83-Senate-16: Publication of result of Autumn 2018-19 End-Semester Examination of PG programs.

The results of 2nd semester M. Tech. and 2nd & 4th semester M. Sc., MBA and MA examinations and the list of graduating M. Sc., MBA and MA students, as recommended by PGPEC was put up on the table for approval of the Senate. [put up by PIC, Examinations].

Senate approved the recommendation of the UGPEC. However, Senate advised that endorsement of DAPOC is mandatory for submission of result by the Department/Faculty.

[Annexure – A5, Page No. 24]

2019-83-Senate-17: Appeal of Dilip Kumar Mohanty for restoration of studentship.

Dilip Kumar Mohanty, Roll No. 414HS1009, an ex Student of MA in Development Studies who has completed the course work except Research Project II due to some family issues has appealed for restoration of his studentship. HOD (HS) has recommended his case positively which is given in Annexure.

The item was deferred.

[Annexure – A6, Page No. 25]

C. RESEARCH STUDIES

2019-83-Senate-18: Proposal of DRC of LS Department to nominate Co-Supervisors for the two students of Prof. Mohammed Saleem.

Prof. Mohammed Saleem will be relieved from the services of the Institute w.e.f 31/05/2019 on technical resignation to join NISER, Bhubaneswar and hence the DRC has recommended to retain him as the Supervisor and to nominate Co-Supervisor for one of his students as follows:-

#	Name of the Student	Roll No.	Date of Registration	Recommendation
1	Ashutosh Prince	514LS1005	11/05/2016	Prof. Mohammed Saleem to remain as Supervisor and Prof. S. Jha to be a Co-Supervisor
2	Anuj Satish Tiwari	515LS1003	03/04/2017	Prof. Mohammed Saleem to remain as Supervisor. Prof. S. Jha is already a Co-Supervisor

The item was deferred.

D. DISCIPLINE, ENDOWMENT AND STUDENT AFFAIRS

2019-83-Senate-19: Recommendation of the ISDC.

Recommendation of the ISDC in Case No. 01/2018-19 [Bijay Laxmi, Roll No. 116ME96 vs. Indraneel Majumdar, Roll No. 317SM1013] approved by the Director is given in Annexure.

Senate ratified the approval.

[Annexure – A7, Page No. 26]

E. MISCELLANEOUS:

2019-83-Senate-20: DST-FICCI Fellowships under RTF – DCS and AIRTF schemes.

It has been informed by Prof. S. Chakraverty that FICCI has selected the Institute as a host for the Research Training Fellowship – Developing Countries Scientist [RTD – DCS] and ASEAN-India Research Training Fellowship [AIRTF] schemes of DST being implemented by FICCI and that

he has been chosen by FICCI to be the Point-of-Contact [POC] for the same. Correspondence received from FICCI and the brochures of the two schemes are given in Annexure.

Senate noted the information.

[Annexure – A8, Page No. 27 - 37]

2019-83-Senate-21: Any other matter with permission of the Chair:

1. Report on Slow-pace/Termination cases

PIC (Exam) submitted the report containing the list of students who are liable to be converted to slow-pace and/or to be terminated based on result of the Spring 2018-19 end-semester examination. However, final list will be put up after Summer/Supplementary 2019 examination.

Senate noted the report.

2. Report of EDC

PIC (Exam) and Chairman (EDC) presented the recommendation of the EDC containing recommended punishment on 16 students for adopting unfair means during the Spring 2018-19 semester examinations.

Senate approved the recommendations.

[Annexure – A9, Page No. 38 - 53]

3. Report of RPEC


Dean (AC) and Chairman (RPEC) presented the recommendation of the RPEC based on the 47th meeting of the RPEC held on 20/05/2019.


[Annexure – A10 Page No. 54]

Senate approved the recommendations.

4. Senate Nominated Expert List for Faculty Selection

Senate authorised the Director to choose the experts from the Institutes of repute in India for faculty selection as a nominee of Senate.


07/06/2019
(Prof. P. K. Das)
Registrar and
Secretary (Senate)


7/6/19
(Prof. A. Biswas)
Director and
Chairman (Senate)