NIT (AP)/Senate/49/2016-2017

Date: 04/05/2022

National Institute of Technology, Arunachal Pradesh Jote, Arunachal Pradesh – 791113

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Minutes of the 38th Senate Meeting of NIT, Arunachal Pradesh held on 04.05.2022 NIT-Arunachal Pradesh, Jote

Following Members were present:-

· 1. Prof. (Dr.) Pina	akeswar Mahanta, Director, NIT Arunachal Pradesh	- Chairman
2. Prof. H C Das	Professor, NIT Meghalaya	Member
Prof. S Chakra	verty, Professor, NIT Rourkela	Member
4. Prof. J. Chakra	aborty, Professor, Tezpur University	Member
5. Prof. M. Mallil	k, Associate Professor/CE, NIT Arunachal Pradesh	- Invitee
-6. Prof. S. N. De	epa, Associate Professor/EE, NIT Arunachal Pradesh	- Invitee
7. Prof. M.K. Sho	me, Professor, NIT Arunachal Pradesh	- Invitee
· 8. Dr. Anup Paul	DIC(Academic), NIT Arunachal Pradesh	- Invitee
, 9. Dr. S. Banerje	e, Asso. DIC(A&E), NIT Arunachal Pradesh	- Invitee
10. Dr. M.Berlin, H	loD CE, NIT Arunachal Pradesh	- Invitee
11. Dr. A. K. Atta,	HoD(CHE), NIT Arunachal Pradesh	- Invitee
.12. Dr. Dipak Sen	HoD/ME, NIT Arunachal Pradesh	- Invitee
13. Dr. S. Maity, F	oD(BT), NIT Arunachal Pradesh	- Invitee
14. Dr. Rajib Jana	, HoD/EE, NIT Arunachal Pradesh	- Invitee
15. Dr. R S Goswa	ami, HoD(CSE), NIT Arunachal Pradesh	- Invitee
16. Dr. S. K. Mety	a, HoD/ECE, NIT Arunachal Pradesh	- Invitee
17. Dr. M M Singh	, HoD/M&H, NIT Arunachal Pradesh	Invitee

Following Members were absent:-

18. Dr. Uday Kumar Khanikar, Registrar NIT Arunachal Pradesh	-Member Secretary
19. Prof. R.P. Sharma, Asso. Professor, NIT Arunachal Pradesh	- Invitee
20. Dr. P. K. Swain, HoD (BAS), NIT Arunachal Pradesh	- Invitee

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Agenda item 38.01

Confirmation of the minutes of 37th Meeting of the Senate held on 24/02/2022 and Action Taken Report.

Minutes of 37th Senate meeting of NIT, Arunachal Pradesh drafted and signed by members. As such, Minutes of 37th Senate was approved & Action Taken Report is placed in ANNEXURE 38.01 (refer page no. 7).

Decision: Approved. However, regarding agenda item 37.03, Dr. Sunil Kumar, Civil Engineering Department is not approved as adjunct professor.

Agenda item 38.02

Ratification of Ph.D. open house viva voce conducted.

Three of Ph.D. scholars have defended their PhD thesis, following are the details of scholars and report are attached in ANNEXURE 38.02(refer page no. 8-11).

SI No	Student Name	Title of the thesis	Supervisors	Date of Defense	Examiner
1. <	Mr. Arvind Sharma	Enhancement of Optical and Electrical Properties of Inorganic and Organic Materials for LED/OLED Devices	Dr. TusharDhabal Das, Assistant Professor(BAS), NIT Arunachal Pradesh	25.01.2022	Prof. Subhanand Chakraborty, Dept. of Electrical Engg., IIT Bombay
2.	Mr. Umesh Gupta	Enhancement Of Parallel and Non- Parallel Twin Hyperplane Based Learning Methods Using Robust Loss Functions	Dr. Deepak Gupta, Assistant Professor(CSE), NIT Arunachal Pradesh	24.01.2022	Dr. V. Vijay Saradhi, Dept. of CSE, IIT Guwahati
3	Mr. Priyaranjan Biswal	Design, Development and Motion Planning Analysis of a Quadruped Robot Using Soft Computing Techniques	Dr. P. K. Mohanty, Assistant Professor(ME), NIT Arunachal Pradesh	18.02.2022	Prof. Harish Ch. Das, Dept. of Mechanical Engg., NIT Meghalaya
4	Mr. L. Jino	Natural convective flow of nanofluid in a square porous cavity	Dr. Vanav Kumar, Assistant Professor(BAS) and Dr S. Maity Assistant Professor(BAS), NIT Arunachal	06.04.2022	Prof. Harish Ch. Das, Dept. of Mechanical Engg., NIT Meghalaya

Pradesh Senate may ratify the same. Decision: Approved. However, next time onwards abroad examiner name should also be Ratification of PhD advertisement for Session July-Dec' 2022. Agenda Institute have not floated PhD advertisement under "Institute Fellowship" for last three item consecutive semesters due to pandemic. Now since, Institute have gradually started offline 38.03 activities therefore, advertisement have been floated for both Full-time and Part-time category. The department wise seat allocation may be seen below. The advertisement copy and application form may be seen as an ANNEXURE 38.03 (refer page no. 12-17). **Allotted Allotted Institute** No of Institute (Partfellowship including fellow assigned in Total(5=3+4) Time)(4) July-Dec 2020(2) backlog(3) Department 2 3 **BAS** 1 2 3 BT 0 1 1 CHE 3 1 2 4 CE 4 2 2 5 **CSE** 5 2 3 3 **ECE** 4 1 3 3 EE 3 2 1 2 MH 1 4 4 ME 11(tentative) | 33(tentative) 33 Total Senate may ratify the same. Decision: Approved. However, from next time onwards the candidates having B.Tech degree with industrial experience of at least two years may be exempted from mandatory valid GATE score requirement for Integrated PhD. Reporting of offline classes and other academic activities for UG 1st, 2nd and Agenda 3rd years, all PG and PHD. item Due to the decrease in COVID-19 cases, all PG and PHD students were asked to report to the 38.04 Institute on or before 01.03.22. Second year and third year UG students were asked to report on or before 15.03.22. Consecutively for all PG, PHD and UG 2nd/3rd year offline classes had been started. Moreover, 1st year UG students were also informed to report on or before 01.05.22 and their offline classes for the second semester will commence from 02.05.22.

This is placed for information to the senate.

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Decision: Noted. Agenda Seeking approval for revised Academic calendar for session Jan - June 2022. item Since Institute have started offline classes therefore, the academic calendar has been revised which can be seen in ANNEXURE 38.04 (refer page no. 18-20). 38.05 Senate may approve the same. Decision: Noted. Agenda Seeking approval for Modification of Library Rule. item Due to a disproportionate number of books issued to the students against their caution money, the maximum number of books that can be issued to a student should be five books only instead 38.06 of eight books. The above recommendation has been done by the Library Committee of NIT Arunachal Pradesh, meeting held on 28.02.2022. The copy of the revised library rule along with minutes of the 15th library committee may be seen as an ANNEXURE 38.05 (refer page no. 21-24). Senate may approve the same. Decision: Deferred. A library auditing committee may be formed and required to find the actual status of existing and missing books and the report may be submitted in future senate for further discussion. However, e-book facility may be offered to the students. Agenda Seeking approval for CSAB-2022 and CCMT-2022 seat matrix for 2022-23 item session. 38.07 For session 2022-23 for undergraduate admission through CSAB-22, a seat matrix is prepared with total seats of 165 as given below: Total seat 10% EWS Total intake Department 30 CE 33 30 3 33 **CSE** 30 3 33 **ECE** 30 3 EE 33 30 ME 3 33 150 15 165 **Total**

Looking into the past admission record of M.Tech, for session 2022-23 for postgraduate admission through CCMT-22, a seat matrix is prepared with total seats of 110 as given below:

Department Name	Programme	Open	Open- PwD	EWS	EWS- PwD	SC	SC- Pwd	ST	ST- PwD	OBC	OBC- PwD	Total	Q u	
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Dept. of Management and Humanities	Innovation and Entrepreneurship	09	01	02	00	03	00	02	00	05	00	22	1
Dept. of Mechanical Engineering	Fluids and Thermal Engineering	10	00	01	01	03	00	02	00	05	00	22	,
Dept. of Electrical Engineering	Renewable Energy and Energy Management	09	01	02	00	03	00	01	00	06	00	22	1
Dept. of Electronics and Communication Engineering	VLSI Design and Embedded Systems	09	01	02	00	03	00	02	00	05	00	22	1
Dept. of Computer Science and Engineering	Computer Science and Engineering	10	00	02	00	02	01	01	00	05	01	22	1

Senate may approve the same.

Decision: Approved.

Agenda item 38.08

<u>Seeking approval for fixing rules and regulations to promote PhD scholars from JRF to SRF.</u>

With reference to the Ministry OM vide F.No. 15-2/2019-TC dated 16.07.2019 regarding revision of rates of Ph.D scholarship of AICTE and Centrally Funded Technical Institutions, a draft rules has been prepared as per minutes of the meeting (arranged by Dean-in charge R&D) held on 18/02/2022 @ 10:00 a.m. However, the draft rule is slightly modified and accordingly may be applicable to Academic section as well. The draft rule and Ministry's OM may be seen as an ANNEXURE 38.06 (refer page no. 25-29).

Senate may approve and recommend.

Decision: Approved. One granted patent, on the other hand, could be added as an additional eligibility criteria. Two external experts should be chosen, one of which should be a current RAC expert and the other from outside of NIT Arunachal Pradesh working in a related subject. With immediate effect, this rule will apply to all registered PhD scholars receiving Institute fellowship.

Agenda item

Seeking approval for exemption of Institute fee for UG 2nd and 3rd years, all PG and PHD students for Jan-June 2022 session.

The above mentioned students were asked to report to the Institute for offline classes latest by

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	38.09	15.03.22 which is after the completion of the mid-semester examination. Students have paid "tuition fee" at the time of their semester.
		the of the Semester registration as one time arrangement looking into the
		A Callemic have received request calls from students to exempt
		mistrate head since they will be joining to the Institute in the latter half of the
		semester. Therefore, above students may be exempted from paying fees under "Institute head" only for Jan-June 2022 session.
		only for sun-sunce 2022 session.
		Senate may approve the same.
		Decision: Approved as one time relaxation looking into the pandemic arises out of COVID-19.
	Agenda	Seeking approval for proposal for the collaborative course between
	item	NIT&EDII on M.Tech in "Innovation and Entrepreneurship"
-	38.10	A proposal has been received from the M&H department on proposal for the collaborative
		course between NIT&EDII on M.Tech in "Innovation and Entrepreneurship". The necessary
		documents may be seen as an ANNEXURE 38.07 (refer page no. 30-44).
		Senate may approve and recommend the same.
		Decision: Approved in principle. However, due to a fee structure disagreement with EDII,
		the same course may be offered exclusively by NIT Arunachal Pradesh through CCMT
		beginning in the July-December 2022 session. Meanwhile, the structure and content of the syllabus can be provided through BoS and presented to the Senate.
	Agenda	Seeking approval for allocation of Dr. M P Dutta, Associate Professor, Dept.
	item	of CSE, Cotton University as Co-supervisor to PhD scholars Mr. Bikash
	38.11	Baruah, Ms. Sonali Mondal and Mr. Binoy Sasmal.
	. "	An application has been received from HoD, CSE to allocate Dr. M P Dutta, Associate
		Professor, Dept. of CSE, Cotton University as Co-Supervisor for the above mentioned students.
		The necessary documents may be seen as an ANNEXURE 38.08 (refer page no. 45-58).
		Senate may approve the same.
		Decision: Approved.
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Meeting was ended with vote of thanks from Chairman

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