



Minutes of the 18th Meeting of the Faculty Board, Faculty of Science and Engineering held on 21.12.2023 at 11:00 am at Chintan, Dibrugarh University

The following persons were present in the meeting:

1	Prof. S.C. Kakaty	Dean and Chairperson, Faculty Board, Faculty of Science and Engineering	Chairperson
2	Prof. D. Chetia	Dean, R & D, D.U.	Member
3	Prof. P. K. Saikia	Dept. of Physics	Member
4	Prof. U. D. Goswami	Dept. of Physics	Member
5	Dr. B.R. Kalita	Dept. of Physics	Member
6	Prof. P. Das	Dept. of Chemistry	Member
7	Prof. P. N. Deka	Dept. of Mathematics	Member
8	Dr. M.P. Barman	Dept. of Statistics	Member
9	Prof. N. K. Gogoi	Dept. of Anthropology	Member
10	Prof. M.K. Das	Dept. of Pharmaceutical Sciences	Member
11	Prof. B.B. Kakoti	Dept. of Pharmaceutical Sciences	Member
12	Prof. Bhaskar Mazumder	Dept. of Pharmaceutical Sciences	Member
13	Prof. Aparoop Das	Dept. of Pharmaceutical Sciences	Member
14	Prof. H. K. Sharma	Dept. of Pharmaceutical Sciences	Member
15	Dr. K. Zaman	Dept. of Pharmaceutical Sciences	Member
16	Dr. N. Baruah	Dept. of Computer Science and Engineering, DUIET	Member
17	Dr. P. Talukdar	Dept. of Petroleum Engineering, DUIET	Member
18	Chairperson, DRC in Civil Engineering	Jorhat Engineering College	Member
19	Chairperson, DRC in Mech. Engg.	Jorhat Engineering College	Member
20	Chairperson, DRC in Elect. Engg.	Jorhat Engineering College	Member
21	Dr. Rizwan Rehman	Chairperson i/c, CCSA, D.U.	Special Invitee
22	Shri Arinjit Hazarika	Deputy Registrar (Academic)	Secretary

The Chairperson, Professor S.C. Kakaty, Dean, Faculty of Science and Engineering extended a warm welcome to the members present in the 18th Meeting of the Faculty Board, Faculty of Science and Engineering and requested the Secretary to take up the agenda for discussion.

Item No. (1) : Confirmation of the minutes of the 17th meeting of Faculty Board, Faculty of Science and Engineering, Dibrugarh University held on 05.10.2023.

Discussion: The minutes of the 17th meeting of the Faculty Board, Faculty of Science and Engineering, Dibrugarh University held on 05.10.2023 was placed before the Board for consideration. The members recommended confirmation of the minutes and adopted the following resolution:

Resolution No.01: *Resolved that the Minutes of the 17th meeting of the Faculty Board, Faculty of Science and Engineering held on 05.10.2023 be confirmed.*

Item No. (2) : To consider Ph.D. Registration of the following Research Scholars:

- (i) Padma Pani Sahu (Physics)
- (ii) Amijit Bhattacharjee (Physics)
- (iii) Partha Protim Kalita (Physics)
- (iv) Trishna Doloi (Physics)
- (v) Asmita Tamuli (Statistics)
- (vi) Bidyut Bikash Boruah (Statistics)
- (vii) Bablee Phukan (Mathematics)
- (viii) Budheswar Deka (Mathematics)
- (ix) Elen Borang (Mathematics)
- (x) Robin Pegu (Mathematics)
- (xi) Debosmita Choudhury (Mathematics)
- (xii) Chandamita Pathak (Anthropology)
- (xiii) Tulika Chutia (Computer Science)
- (xiv) Pinakshi Konwar (Computer Science)
- (xv) Dhiraj Baruah (Computer Science)
- (xvi) Taison Jamatia (Pharmaceutical Sciences)
- (xvii) Manisha Sahariah (Pharmaceutical Sciences)
- (xviii) Hemanta Pathak (Pharmaceutical Sciences)
- (xix) Nidahun Lamare (Pharmaceutical Sciences)
- (xx) Dhritiman Roy (Pharmaceutical Sciences)
- (xxi) Chinmoyee Borah (Pharmaceutical Sciences)
- (xxii) Pranami Bhuyan (Mechanical Engineering)
- (xxiii) Elora Baruah (Mechanical Engineering)
- (xxiv) Prithwish Manna (Computer Science and Engineering)
- (xxv) Kalyan Kumar Ghosh (Electronics and Communication Engineering)
- (xxvi) Bhaskar Pratim Borthakur (Mechanical Engineering)
- (xxvii) Gayotree Sarma (Mechanical Engineering)
- (xxviii) Joyshree Barman (Petroleum Engineering)
- (xxix) Niku Borgohain (Electronics and Communication Engineering)
- (xxx) Ningombam Hemarjit Singh (Computer Science & Engineering)

Discussion: As recommended by the DRCs concerned, the proposals of the above-mentioned candidates requesting for Ph.D. registration were placed before the Faculty Board, Faculty of Science and Engineering for consideration. After scrutiny and discussion, the Board recommended the same for approval.

Resolution No.02: Resolved that the following Research Scholars be allowed for registration for the Ph.D. Degree of Dibrugarh University on the topics as specified under the supervision of the respective Supervisors and with effect from dates shown against their names:

Sl. No.	Name of the Scholar and Department	Name of the Supervisor	Topic	Date of effect
1	Padma Pani Shahu (Physics)	Prof. P. K. Saikia, Dept. of Physics, D.U.	STUDY OF STRUCTURAL, ELECTRICAL AND OPTICAL PROPERTIES OF UNDOPED AND DOPED SnTe BASED THIN FILMS FOR PHOTOVOLTAIC APPLICATIONS	12.12.2023
2	Amijit Bhattacharjee (Physics)	Dr. P. J. Phukon, Assistant Professor, Dept. of Physics, D.U.	A STUDY OF THERMODYNAMIC GEOMETRY: FROM GRAVITY TO CONDENSED MATTER PHYSICS	12.12.2023
3	Partha Protim Kalita (Physics)	Dr. G. S. Das, Assistant Professor, Dept. of Physics, D.U.	DESIGN AND DEVELOPMENT OF PLANAR MICROWAVE FILTERS FOR APPLICATIONS IN COMMUNICATION SYSTEMS	12.12.2023
4	Trishna Doloi (Physics)	Dr. G. S. Das, Assistant Professor, Dept. of Physics, D.U.	DESIGN AND ANALYSIS OF COMPACT MULTIBAND MIMO ANTENNA FOR DIFFERENT APPLICATIONS IN WIRELESS COMMUNICATION	12.12.2023
5	Asmita Tamuli (Statistics)	Dr. Dhruva Das, Assistant Professor, Dept. of Statistics, D.U.	A UBIQUITOUS CUSTOMER ATTRITION IN QUEUEING SYSTEM AND SOME RELATED ASPECTS: A STATISTICAL INVESTIGATION	11.12.2023
6	Bidyut Bikash Boruah (Statistics)	Dr. Manash Pratim Barman	A STUDY ON DIFFERENT STOCK MARKET	11.12.2023

Sl. No.	Name of the Scholar and Department	Name of the Supervisor	Topic	Date of effect
		Associate Professor, Dept. of Statistics, D.U.	VOLATILITY MODELS BASED ON TIME SERIES AND DEEP LEARNING APPROACHES	
7	Bablee Phukan (Mathematics)	Prof. Ankur Bharali, Dept. of Mathematics, D.U.	ON SIGNLESS LAPLACIAN AND OTHER VARIANTS OF GRAPH SPECTRA	08.12.2023
8	Budheswar Deka (Mathematics)	Prof. Ankur Bharali, Dept. of Mathematics, D.U.	A STUDY ON ECCENTRICITY-BASED TOPOLOGICAL INDICES OF GRAPHS	08.12.2023
9	Elen Borang (Mathematics)	Prof. S. Borkotokey Dept. of Mathematics, D.U.	APPLICATION OF COOPERATIVE GAME THEORY IN NETWORKS	08.12.2023
10	Robin Pegu (Mathematics)	Dr. Debasish Dey Assistant Professor, Dept. of Mathematics, D.U.	AN INVESTIGATION ON VISCOELASTIC FLUID FLOW PROBLEMS BASED ON RHEOLOGICAL BEHAVIOUR ASSOCIATED WITH HEAT AND MASS TRANSFERS	08.12.2023
11	Debosmita Choudhury (Mathematics)	Dr. Debasish Dey Assistant Professor, Dept. of Mathematics, D.U.	A STUDY ON MHD OLDROYD-B FLOW PROBLEMS FOR HEAT AND MASS TRANSFER	08.12.2023
12	Chandamita Pathak (Anthropology)	Dr. Geetanjali Devi Assistant Professor, Dept. of Anthropology, D.U.	SETTLEMENT PATTERN AMONG THE WANCHOS OF LONGDING DISTRICT, ARUNACHAL PRADESH: AN ANTHROPO- ARCHAEOLOGICAL APPROACH	11.12.2023
13	Tulika Chutia (Computer Science)	Dr. Nomi Baruah, Associate Professor, Dept. of Computer Science and Engineering, DUIET	TEXT-BASED EMOTION DETECTION IN ASSAMESE LANGUAGE: A DEEP LEARNING APPROACH	13.10.2023
14	Pinakshi Konwar (Computer Science)	(i) Dr. Rizwan Rehman, Assistant Professor, Centre for Computer Science and Applications, D.U. (ii) Dr. Priyakshi Mahanta, Assistant Professor, Centre for Computer Science and	ANALYSIS OF DISEASE PREDICTION MODEL USING SUPERVISED MACHINE LEARNING ALGORITHMS	07.12.2023

Sl. No.	Name of the Scholar and Department	Name of the Supervisor	Topic	Date of effect
		Applications, D.U.		
15	Dhiraj Baruah (Computer Science)	(i) Dr. Rizwan Rehman, Assistant Professor, Centre for Computer Science and Applications, D.U. (ii) Dr. Pranjal Kumar Bora, Assistant Professor, Centre for Computer Science and Applications, D.U.	A STUDY ON SUPERVISED MACHINE LEARNING ALGORITHMS AS A TOOL OF PREDICTIVE ANALYSIS	07.12.2023
16	Taison Jamatia (Pharmaceutical Sciences)	Prof. M. K. Das, Dept. of Pharmaceutical Sciences, D.U.	DEVELOPMENT OF CHRYSIN LOADED SELF-ASSEMBLED NANOPARTICLES TO ALLEVIATE PSORIASIS BY INHIBITING PRO-INFLAMMATORY CYTOKINES	12.12.2023
17	Manisha Sahariah (Pharmaceutical Sciences)	Prof. H. K. Sharma, Dept. of Pharmaceutical Sciences, D.U.	EVALUATION OF <i>Zanthoxylum acanthopodium</i> DC. ESSENTIAL OIL FOR ANTI-ALZHEIMER ACTIVITY AND DEVELOPMENT OF NANOEMULSION	12.12.2023
18	Hemanta Pathak (Pharmaceutical Sciences)	(i) Prof. A. Das, Dept. of Pharmaceutical Sciences, D.U. (ii) Dr. P. Rajak, Assistant Professor, Dept. of Pharmaceutical Sciences, D.U.	DESIGN, CHARACTERIZATION AND OPTIMIZATION OF NANOSTRUCTURED LIPID CARRIERS BASED GEL CONTAINING SILVER SULPHADIAZINE FOR WOUND HEALING ACTIVITY	12.12.2023
19	Nidahun Lamare (Pharmaceutical Sciences)	Prof. Dipak Chetia, Dept. of Pharmaceutical Sciences, D.U.	DESIGN AND SYNTHESIS OF PYRIMIDINE-PIPERINE HYBRID DERIVATIVES AS POTENTIAL ANTIMALARIAL COMPOUNDS	12.12.2023
20	Dhritiman Roy (Pharmaceutical Sciences)	Prof. B. B. Kakoti, Dept. of Pharmaceutical Sciences, D.U.	DEVELOPMENT OF NANOPARTICLE-BASED THERAPEUTIC FORMULATION OF GENIPOSIDE FOR	12.12.2023

Sl. No.	Name of the Scholar and Department	Name of the Supervisor	Topic	Date of effect
			ALZHEIMER'S DISEASE	
21	Chinmoyee Borah (Pharmaceutical Sciences)	Prof. B. B. Kakoti, Dept. of Pharmaceutical Sciences, D.U.	ETOPOSIDE LOADED LIPID BASED NANOCARRIER DRUG DELIVERY SYSTEM DEVELOPMENT FOR LUNG CANCER TO OVERCOME BIOPHARMACEUTICAL CHALLENGES.	12.12.2023
22	Pranami Bhuyan (Mechanical Engineering)	Dr. Pranjal Sarmah, Assistant Professor, Dept. of Mechanical Engineering, DUIET	COMPARATIVE THERMODYNAMIC AND EXERGOCHEMICAL ANALYSIS OF MULTIPLE EFFECT VAPOUR ABSORPTION REFRIGERATION BASED COGENERATION SYSTEMS	16.11.2023
23	Elora Baruah (Mechanical Engineering)	(i) Dr. Pranjal Sarmah, Assistant Professor, Dept. of Mechanical Engineering, DUIET (ii) Dr. Dipankar Das, Assistant Professor, Dept. of Mechanical Engineering, DUIET	NUMERICAL ANALYSIS OF TEA WITHERING TROUGH USING ANSYS FLUENT	16.11.2023
24	Prithwish Manna (Computer Science & Engineering)	Dr. Sudipta Majumder, Dept. of Computer Science & Engineering, DUIET	A STUDY OF ALGORITHMS FOR OPTIMIZING SENSOR DEPLOYMENT IN IOT NETWORKS	16.11.2023
25	Kalyan Kumar Ghosh (Electronics and Communication Engineering)	Dr. Haraprasad Mondal, Dept. of Electronics and Communication Engineering, D.U.	A STUDY OF ALL-OPTICAL SWITCHES AND LOGIC DEVICES IN OPTICAL WAVE GUIDES	16.11.2023
26	Bhaskar Pratim Borthakur (Mechanical Engineering)	(i) Dr. Dipankar Das, Assistant Professor, Dept. of Mechanical Engineering, DUIET (ii) Dr. Pranjal Sarmah, Assistant Professor, Dept. of Mechanical Engineering, DUIET	NUMERICAL STUDY OF VARIOUS SHOCK PHENOMENA AT SUPERSONIC AND HYPERSONIC SPEEDS ACCOUNTING THE INFLUENCE OF REAL GAS EFFECTS	14.12.2023
27	Gayotree Sarma (Mechanical Engineering)	Dr. Dipankar Das, Assistant Professor, Dept. of Mechanical Engineering, DUIET	NUMERICAL INVESTIGATION OF SHOCK WAVE BOUNDARY LAYER INTERACTION IN SUPERSONIC / HYPERSONIC FLOWS	14.12.2023

Sl. No.	Name of the Scholar and Department	Name of the Supervisor	Topic	Date of effect
			CONSIDERING REAL GAS INFLUENCES	
28	Joyshree Barman (Petroleum Engineering)	Dr. Prasenjit Talukdar, Associate Professor, Dept. of Petroleum Engineering, DUIET	DESIGN OF A HYBRID ENHANCED OIL RECOVERY SLUG UTILIZING LOW SALINITY WATER AND NANOFUIDS FOR SELECTED OILFIELDS OF ASSAM SHELF BASIN	20.12.2023
29	Niku Borgohain (Electronics and Communication Engineering)	Dr. Bhargabjyoti Saikia, Assistant Professor, Dept. of Electronics and Communication Engineering, DUIET	ANALYZING THE EFFECTS OF IMPERFECT CHANNEL STATE INFORMATION ON ADAPTIVE RECEIVER PERFORMANCE OVER FADING CHANNELS	14.12.2023
30	Ningombam Hemarjit Singh (Computer Science & Engineering)	Dr. Sudipta Mazumder, Assistant Professor, Dept. of Computer Science and Engineering, DUIET	EXPLORATION OF MACHINE LEARNING APPROACHES TO ENHANCE SENSOR LOCALIZATION IN WIRELESS SENSOR NETWORKS	14.12.2023

Item No. (3): To receive quadruplicate copies of Abstracts and Panel of Examiners of the following Ph.D. Scholars:

Sl No.	Name	Date of Registration/ Re-registration
1	Jinee Gogoi (Physics)	Date of Regn.: 17.06.2019
2	Bidyutjyoti Dutta (Chemistry)	Date of Regn.: 21.12.2020
3	Bidyot Bikash Gogoi (Chemistry)	Date of Re-Regn.: 18.09.2022
4	Rupjyoti Borah (Mathematics)	Date of Regn.: 27.09.2021
5	Rintu Dutta (Mathematics)	Date of Regn.: 06.06.2019
6	Urvashee Gogoi (Pharm. Science)	Date of Re-Regn.: 28.02.2023
7	Rituparna Goswami (CE, JEC)	Date of Re-Regn.: 26.05.2022
8	Partha Protim Borthakur (ME, JEC)	Date of Re-Regn.: 16.09.2022
9	Diganta Kalita (ME, JEC)	Date of Re-Regn.: 16.09.2022
10	Mafidur Rahman (ME, JEC)	Date of Re-Regn.: 16.09.2023
11	Gurumayum Robert Michael (Electrical Engineering, JEC)	Date of Re-Regn.: 30.11.2022

Discussion: As recommended by the DRCs concerned the quadruplicate copies of the Abstracts and Panels of Examiners of the above-mentioned Research Scholars were placed before the Faculty Board, Faculty of Science and Engineering for consideration. The Board found the documents in order and accepted for further necessary action.

Resolution No.03: Resolved that the Abstracts of the Ph.D. theses and the Panels of Examiners of the following Ph.D. scholars be accepted and the scholars be allowed to submit their Ph.D. Theses within four months from the issue of the acceptance letter or expiry of their date of Ph.D. registration, whichever is earlier.

Sl. No.	Name of the Scholars	Name of the Supervisors	Department/Centre
1	Jinee Gogoi	Prof. Kalyan Bhuyan, Dept. of Physics, D.U.	Physics
2	Bidyutjyoti Dutta	Prof. Diganta Sarma, Dept. of Chemistry, D.U.	Chemistry
3	Bidyot Bikash Gogoi	(i) Prof. J. G. Handique (on Lien), Dept. of Chemistry, D.U. (ii) Dr. Tanmoy Karak, Dept. of Soil Science, School of Agricultural Sciences, Nagaland University, Medziphema Campus – 797106, Nagalad	Chemistry
4	Rupjyoti Borah	Dr. Debasish Dey, Assistant Professor, Dept. of Mathematics, D.U.	Mathematics
5	Ritu Dutta	Prof. Surajit Borkotokey, Dept. of Mathematics, D.U.	Mathematics
6	Urvashee Gogoi	Prof. Aparoop Das, Dept. of Pharmaceutical Sciences, D.U.	Pharmaceutical Sciences
7	Rituparna Goswami	Prof. Prasanna Kumar Khaund, Dept. of Civil Engineering, JEC, Jorhat	Civil Engineering
8	Partha Protim Borthakur	(i) Dr. Thuleswar Nath, Associate Professor, Dept. of Mechanical Engineering, JEC, Jorhat (ii) Prof. Diganta Hatibaruah, Dept. of Mechanical Engineering, JEC, Jorhat	Mechanical Engineering, JEC
9	Diganta Kalita	Prof. Diganta Hatibaruah, Dept. of Mechanical Engineering, JEC, Jorhat	Mechanical Engineering, JEC
10	Mafidur Rahman	(i) Dr. Thuleswar Nath, Associate Professor, Dept. of Mechanical Engineering, JEC, Jorhat (ii) Dr. Deva Kanta Rabha, Associate Professor, Dept. of Mechanical Engineering, JEC, Jorhat	Mechanical Engineering, JEC
11	Gurumayum Robert Michael	Prof. Aditya Bihar Kandali, Dept. of Electrical Engineering, Jorhat Engineering College, Jorhat	Electrical Engineering, JEC

Item No. (4) : To receive Six-monthly Progress Reports of the following Ph.D. Scholars:

SI No.	Department	No. of Report
1	Physics	04
2	Chemistry	07
3	Statistics	09
4	Mathematics	13
5	Anthropology	08
6	Centre for Computer Science and Applications	04
7	Pharmaceutical Sciences	17
8	DUIET	01
9	Jorhat Engineering College	02

Discussion: The Secretary placed a consolidated report on the Six-Monthly Progress Reports of the below-mentioned research scholars as forwarded and recommended by the DRCs concerned for the period(s) shown against their names for acceptance. The Board had gone through the reports and found them in order and accordingly recommended for acceptance.

Resolution No. 04: *Resolved that as per recommendation of the DRCs concerned the six-monthly Progress Reports of the following Ph.D. scholars for the periods shown against their names be accepted.*

Department of Chemistry

1	<i>Kongkona Gogoi</i>	<i>18.03.2023 to 17.09.2023</i>
2	<i>Rimjim Gogoi</i>	<i>28.03.2023 to 27.09.2023</i>
3	<i>Upasana Bhuyan</i>	<i>19.12.2022 to 18.06.2023</i>
4	<i>Arobinda Kakoti</i>	<i>28.03.2023 to 27.09.2023</i>
5	<i>Bidyot Bikash Gogoi</i>	<i>18.03.2022 to 17.09.2023</i>
		<i>18.09.2023 to 17.12.2023</i>
6	<i>Madhusmita Baruah</i>	<i>28.03.2023 to 27.09.2023</i>
7	<i>Prodip Kumar Goswami</i>	<i>17.03.2023 to 16.09.2023</i>

Department of Anthropology

1	<i>Biswajit Kumar Singh</i>	<i>09.06.2023 to 08.12.2023</i>
2	<i>Puja Lahkar</i>	<i>19.06.2023 to 18.12.2023</i>
3	<i>Bornali Borgohain</i>	<i>19.06.2023 to 18.12.2023</i>
4	<i>Biplob Bhuyan</i>	<i>01.06.2023 to 30.11.2023</i>
5	<i>Parmeet Kaur</i>	<i>19.06.2023 to 18.12.2023</i>
6	<i>Sunumi Changmi</i>	<i>19.06.2023 to 18.12.2023</i>
7	<i>Hiran Dutta</i>	<i>19.06.2023 to 18.12.2023</i>

8	<i>Bikimoni Gogoi</i>	29.06.2023 to 28.12.2023
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Department of Physics

1	<i>Shyam Lochan Bora</i>	09.06.2023 to 08.12.2023
2	<i>Angshuman T. Borgogoi</i>	29.03.2023 to 28.09.2023
3	<i>Prokash Pegu</i>	15.06.2023 to 14.12.2023
4	<i>Chandan Kumar Borah</i>	22.03.2023 to 21.09.2023

Department of Statistics

1	<i>Mr. Bhaskar Kushvaha</i>	06.05.2023 to 05.11.2023
2	<i>Mr. Jondeep Das</i>	07.05.2023 to 06.11.2023
3	<i>Mr. Monjit Protim Changmai</i>	12.06.2023 to 11.12.2023
4	<i>Ms. Yamuna Patar</i>	08.12.2022 to 07.06.2023
		07.06.2023 to 06.12.2023
5	<i>Mr. Rituraj Baruah</i>	06.10.2022 to 05.04.2023
6	<i>Mr. Rituraj Baruah</i>	06.04.2023 to 05.10.2023
		19.12.2022 to 18.06.2023
7	<i>Ms. Naina Purkayastha</i>	18.03.2023 to 17.09.2023

Department of Mathematics

1	<i>Mr. Dibakar Dutta</i>	27.05.2023 to 26.11.2023
2	<i>Ms. Banashree Saikia</i>	05.04.2023 to 04.10.2023
3	<i>Ms. Sonom Shome</i>	05.05.2023 to 04.11.2023
4	<i>Mr. Aditya Pegu</i>	04.05.2023 to 03.11.2023
5	<i>Mr. Rupjyoti Borah</i>	27.09.2023 to 26.11.2023
6	<i>Mr. Ritu Dutta</i>	06.06.2023 to 05.12.2023
		06.12.2023 to 07.12.2023
7	<i>Mr. Bijit Bora</i>	27.03.2023 to 26.09.2023
8	<i>Mr. Rubul Moran</i>	06.06.2023 to 05.12.2023
9	<i>Mr. Idweep Jyoti Gogoi</i>	06.06.2023 to 05.12.2023
10	<i>Mr. Abhijit Bora</i>	06.06.2023 to 05.12.2023
11	<i>Mr. Bishnu Ram Das</i>	27.03.2022 to 26.09.2022
		27.09.2022 to 26.03.2023
12	<i>Mr. Rupjyoti Borah</i>	27.03.2023 to 26.09.2023
13	<i>Mr. Vishal Saikia</i>	21.03.2023 to 20.09.2023

Department of Pharmaceutical Sciences

1	<i>K. Nusalu Puro</i>	<i>29.03.2023 to 28.09.2023</i>
2	<i>Pinku Gogoi</i>	<i>24.09.2022 to 23.03.2023</i>
		<i>24.03.2023 to 23.09.2023</i>
3	<i>Tutumoni Kalita</i>	<i>07.03.2023 to 06.09.2023</i>
4	<i>Shahnaz Alom</i>	<i>19.06.2023 to 18.11.2023</i>
5	<i>Daphisha Marbaniang</i>	<i>21.12.2022 to 20.06.2023</i>
6	<i>Piya Adhikari</i>	<i>25.03.2023 to 24.09.2023</i>
7	<i>Ajay Kakati</i>	<i>25.03.2023 to 24.09.2023</i>
8	<i>Himangshu Sarma</i>	<i>28.03.2023 to 27.09.2023</i>
9	<i>Niva Rani Gogoi</i>	<i>18.12.2022 to 17.06.2023</i>
10	<i>Mohini Singh</i>	<i>18.12.2022 to 17.06.2023</i>
11	<i>Nayanmoni Boruah</i>	<i>09.12.2022 to 08.06.2023</i>
		<i>09.06.2023 to 08.12.2023</i>
12	<i>Farak Ali</i>	<i>10.04.2023 to 09.10.2023</i>
13	<i>Rachna Sharma</i>	<i>28.03.2023 to 27.09.2023</i>
14	<i>El Bethel lalthavel Hmar</i>	<i>28.03.2023 to 27.09.2023</i>
15	<i>Lipoksangla Jamir</i>	<i>24.03.2023 to 23.09.2023</i>
16	<i>Mohit Kumar</i>	<i>28.03.2023 to 27.09.2023</i>
17	<i>Parikshit Das</i>	<i>28.03.2023 to 27.09.2023</i>

Centre for Computer Science and Applications

1	<i>Pritom Jyoti Goutom</i>	<i>05.06.2022 to 04.12.2023</i>
2	<i>Mandira Neog</i>	<i>05.06.2023 to 04.12.2023</i>
3	<i>Rituraj Phukan</i>	<i>05.06.2022 to 04.12.2023</i>
4	<i>Ranjit Paul</i>	<i>06.03.2023 to 05-09-2023</i>

Jorhat Engineering College

1	<i>Dhrupad Sarma</i>	<i>14.06.2023 to 13.12.2023</i>
2	<i>Bijay Kr. Roy</i>	<i>16.03.2023 to 15.09.2023</i>

DUIET

1	<i>Amit Talukdar</i>	<i>07.02.2023 to 06.08.2023</i>
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However, as the following candidates submitted more than one Six-monthly Progress Reports at a time, the Faculty Board, Faculty of Science and Engineering

decided to impose a fine of Rs. 2000/- with an Advisory to the defaulting scholars not to violate the Regulations in the future.

1. Bishnu Ram Das (Mathematics) Rs. 2000/-

Item No. (5): To Consider the Extension/Re-Registration in the Ph.D. programme of the following Scholars:

- (i) Dhrupad Sarma (JEC) Date of Registration: 12.12.2018
(ii) Ranbir Kalita (JEC) Date of Registration: 12.12.2018

Discussion: As recommended by the DRC in Mechanical Engineering, Jorhat Engineering College, the Board examined the applications of the above-mentioned research scholars requesting for extension of the period of registration (re-registration) of his Ph.D. work and found the regions logical and accordingly recommended the same for approval.

Resolution No. 05: *Resolved that as recommended by the DRC in Mechanical Engineering, Jorhat Engineering College, the prayer for extension of registration (re-registration) of the below-mentioned Ph.D. research scholar be considered under the purview of the Regulations concerned:*

<i>Sl. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Department</i>	<i>w.e.f.</i>
1	Dhrupad Sarma	(i) Dr. Parimal Bakul Borua, (Retired Professor), Dept. of Mechanical Engineering, JEC, Jorhat (ii) Dr. Deva Kanta Rabha, Dept. of Mechanical Engineering, JEC, Jorhat	Mechanical Engineering, Jorhat Engineering College	12.12.2023
2	Ranbir Kalita	(i) Dr. Parimal Bakul Borua, (Retired Professor), Dept. of Mechanical Engineering, JEC, Jorhat (ii) Dr. Deva Kanta Rabha, Dept. of Mechanical Engineering, JEC, Jorhat	Mechanical Engineering, Jorhat Engineering College	12.12.2023

Item No. (06): To Consider the Ph.D. Supervisorship / Co-supervisorship to the following applicants:

- (i) Dr. Prashurya Pritam Mudoi, Assistant Professor, Dept. of Chemistry, Dibrugarh University.

- (ii) Dr. Laba Handique, Dept. of Statistics, Darrang College, Tezpur. (*Co-Supervisor*)
- (iii) Dr. Debozani Borgohain, Assistant Professor, Dept. of Mathematics, Dibrugarh University. (*Co-Supervisor*)
- (iv) Dr. Shyamalee Gogoi, Assistant Professor, Dept. of Anthropology, D.U.
- (v) Dr. Anup Jyoti Bharali, Associate Professor, Dept. of Anthropology, D.H.S.K. College, Dibrugarh.
- (vi) Dr. Abhijit Boruah, Assistant Professor, Dept. of CSE, DUIET.
- (vii) Dr. Bondita Robidas, Assistant Professor, Dept. of Petroleum Engineering, DUIET.

Discussion: The Board examined the proposals and recommended to the Research Council for approval for recognition as Ph.D. supervisors to the applicants at Sl. Nos. i, ii, iv, v, vi and vii. For the proposals at Sl. No. iii, the Board could not consider the request as the applicant is currently working at the Department of Mathematics, Dibrugarh University on Ad-hoc basis.

The Board finally adopted the following resolutions:

Resolution No. 06: Resolved to recommend to the Research Council that as recommended by the DRC in Chemistry, D.U., Dr. Prashurya Pritam Mudoi, Assistant Professor, Dept. of Chemistry, Dibrugarh University be recognized as a Ph. D. Supervisor in Chemistry under the DRC in Chemistry, D.U.

Resolution No. 07: Resolved to recommend to the Research Council that as recommended by the DRC in Statistics, D.U., Dr. Laba Handique, Dept. of Statistics, Darrang College, Tezpur be recognized as a Ph. D. Co-Supervisor in Statistics under the DRC in Statistics, D.U.

Resolution No. 08: Resolved to recommend to the Research Council that as recommended by the DRC in Anthropology, D.U., Dr. Shyamalee Gogoi, Assistant Professor, Dept. of Anthropology, D.U. be recognized as a Ph. D. Supervisor in Anthropology under the DRC in Anthropology, D.U.

Resolution No. 09: Resolved to recommend to the Research Council that as recommended by the DRC in Anthropology, D.U., Dr. Anup Jyoti Bharali, Associate Professor, Dept. of Anthropology, D.H.S.K. College, Dibrugarh be recognized as a Ph. D. Supervisor in Anthropology under the DRC in Anthropology, D.U.

Resolution No. 10: Resolved to recommend to the Research Council that as recommended by the DRC in Engineering, D.U., Dr. Abhijit Boruah, Assistant Professor, Dept. of CSE, DUIET be recognized as a Ph. D. Supervisor in Computer Science and Engineering under the DRC in Engineering, D.U.

Resolution No. 11: Resolved to recommend to the Research Council that as recommended by the DRC in Engineering, D.U., Dr. Bondita Robidas, Assistant Professor, Dept. of Petroleum Engineering, DUIET be recognized as a Ph. D. Supervisor in Computer Science and Engineering under the DRC in Engineering, D.U.

Item No. (07): To consider Minor modification in the Ph.D. Topics of the following scholars:

- (i) Sahista Amrin (Statistics) – ***[Change of Topic]***
- (ii) Kankana Dutta (CCSA)
- (iii) Ankumon Sarmah (CCSA)

Discussion: As recommended by the DRCs concerned the Secretary placed the applications of above-mentioned Research Scholars requesting for minor modifications in the title of his/her ongoing Ph.D. work before the Faculty Board, Faculty of Science and Engineering for consideration. The Board considered the application of Research Scholar at Sl. No. (ii) and (iii) for further necessary action.

Further, the Board discussed the matter of Sahista Amrin regarding change of topic of his Ph.D. work and opined that there is huge difference between the original title of Ph.D. topic of the Research Scholar and the new title **[major modification]**. The Board also opined that the Research Scholar may be allowed to change the Ph.D. topic of her Research Work with fresh Ph.D. registration through the DRC in Statistics. Ms. Amrin may also be exempted to pursue Ph.D. Course work as she has already completed the same. Hence the matter was referred back to the DRC in Statistics for further necessary action.

Resolution No. 12: Resolved that as recommended by the DRC in Computer Sciences, D.U., Kankana Dutta (CCSA) be permitted to modify the title of her Ph.D. work, which will be read as:

“AN INVESTIGATION OF SUPERVISED MACHINE LEARNING ALGORITHMS FOR SENTIMENT ANALYSIS AND MACHINE TRANSLATION IN TAI-PHAKE LANGUAGE”

Resolution No. 13: Resolved that as recommended by the DRC in Computer Sciences, D.U., Ankumon Sarmah (CCSA) be permitted to modify the title of his Ph.D. work, which will be read as:

“PRIMARY DATASET MODELLING, SPEAKER IDENTIFICATION AND WORD RECOGNITION OF TAI-PHAKE LANGUAGE: A MACHINE LEARNING APPROACH”

Item No. (08): Any other matter with permission from the chair:

- (i) Letter from Sonam Bhutia, Research Scholar, Dept. of Pharmaceutical Sciences regarding for continuation of his Ph.D. work.

Discussion: The Board examined the letter received from Sonam Bhutia, Research Scholar, Dept. of Pharmaceutical Sciences requesting to consider for continuation of his Ph.D. work. The Board accepted the proposal and allowed Mr. Sonam Bhutia, Department of Pharmaceutical Sciences to continue his Research Work with fresh Ph.D. registration under the Supervisorship of Prof. Bibhuti Bh. Kakoti, through the DRC concerned exempting to pursue Ph.D. Course work as he has already completed the same.

Resolution No. 14: Resolved that as recommended by the DRC in Pharmaceutical Science, Mr. Sonam Bhutia, Department of Pharmaceutical Sciences be allowed to continue his Research Work with fresh Ph.D. registration under the Supervisorship of Prof. Bibhuti Bh. Kakoti, Department of Pharmaceutical Sciences, D.U. through the DRC concerned. Mr. Bhutia may also be exempted to pursue Ph.D. Course work as he has already completed the same.

- (ii) Application received from Manasi Gogoi, Research Scholar, Centre for Atmospheric Studies for extension of Ph.D. work.

Discussion: The Secretary placed the letter submitted by Manashi Gogoi, Research Scholar, Centre for Atmospheric Studies, D.U. requesting for extension of the period of registration of her Ph.D. work for 6 months. The board discussed that matter and finally recommended for re-registration of the period of her Ph.D. work.

Resolution No. 15: Resolved that as recommended by the DRC in Atmospheric Studies the prayer for extension of registration (re-registration) of Manasi Gogoi, Research

Scholar, Centre for Atmospheric Studies, D.U. be considered under the purview of the Regulations concerned.

- (iii) Letter received from Prof. Surajit Borkotokey, Dept. of Mathematics, D.U. regarding inclusion of Faculty members from other Universities / Institutes as Doctoral Committee members.

Discussion: The Secretary placed the letter received from Prof. Surajit Borkotokey, Dept. of Mathematics, D.U. regarding inclusion of Faculty members from other Universities / Institutes as Doctoral Committee members. The Board discussed the matter and opined that in case of Dr. Rajnish Kumar, Queen's University as mentioned in the letter of Prof. Surajit Borkotokey, Dr. Kumar should apply for Co-supervisorship in Department of Economics under Faculty of Social Sciences or some of the Research Scholars of Dibrugarh University should apply for Ph.D. Registration under his supervisorship.

- (iv) Application received from Prof. Mrinal Buragohain, Dept. of Electrical Engineering, JEC seeking for permission to guide Ph.D. students of DRC under ECE, DUIET.

Discussion: The Board examined the proposal and recommended to the Research Council for approval for recognition as Ph.D. Co-supervisor to Prof. Mrinal Buragohain, Dept. of Electrical Engineering, JEC to guide Ph.D. students of DRC under ECE, DUIET. The Board finally adopted the following resolutions.

Resolution No. 16: *Resolved to recommend to the Research Council that Prof. Mrinal Buragohain, Dept. of Electrical Engineering, JEC be recognized as a Ph. D. Co-Supervisor in Electronics and Communication Engineering under the DRC in Engineering, D.U.*

- (v) Application received from Arindam Boruah, Dept. of Physics requesting to provide special permission to enroll in the Ph.D. programme 2024 in Dept. of Physics.

Discussion: The Secretary placed the application of Arindam Boruah, Dept. of Physics requesting to provide special permission to enroll in the Ph.D. programme 2023-2024 in Dept. of Physics. Mr. Boruah had already cleared the M.Phil. programme in the year 2016, however, due some unforeseen circumstances and family issues, he could not enroll in the Ph.D. programme in Physics. The Board discussed the matter and allowed him to enroll in the Ph.D. programme 2023-2024 in Dept. of Physics.

Resolution No. 17: Resolved that Arindam Boruah (Physics) be allowed to enroll in the Ph.D. Programme 2023-2024 in Physics exempting the Ph.D. Course Work as he has already cleared the M.Phil. programme of Dibrugarh University in the year 2016 as a very special case without creating any precedence.

As no other matter was left for discussion, the meeting ended with vote of thanks to and from the Chair.

Sd/-Arinjit Hazarika
Secretary, Faculty Board
Faculty of Science and Engineering
Dibrugarh University

Sd/- Prof. S. C. Kakaty
Chairperson, Faculty Board
Faculty of Science and Engineering
Dibrugarh University

Memo No.: DU/DR-A/FB-18/FB-FSE/12-2023/829

Date: 19.03.2024

Copy for kind information and necessary action to:

1. The Hon'ble Vice-Chancellor, Dibrugarh University.
2. The Chairperson, Faculty Board, Faculty of Science and Engineering, Dibrugarh University.
3. The Dean, Research and Development, Dibrugarh University.
4. The Head/Chairperson of the concerned Departmental Research Committees (DRCs), Dibrugarh University.
5. The Registrar, Dibrugarh University.
6. The Controller of Examinations i/c, Dibrugarh University.
7. File.

Sd/-Deputy Registrar (Academic) and
Secretary, Faculty Board
Faculty of Science and Engineering
Dibrugarh University