



OFFICE OF THE REGISTRAR::DIBRUGARH UNIVERSITY::DIBRUGARH

Ref No: DU/DR-A/FB-18/FSE/12-23/006

Date: 03.01.2024

NOTIFICATION

(Circulated through E-Mail and Dibrugarh University website only)

The 18th Meeting of the Faculty Board, **Faculty of Science and Engineering** held on 21.12.2023 approved the following Research Scholars for registration for the degree of the Doctor of Philosophy (Ph.D.) of Dibrugarh University as per the details given below. The Ph.D. Work of the below mentioned Research Scholars shall be regulated as per the provisions of the ***Dibrugarh University Regulations for the Research Council and for the Degree of Doctor of Philosophy (Ph.D.), 2019 (as amended).***

Sl. No	Name of the Research 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 Associate Professor, Dept. of Statistics, D.U.	A STUDY ON DIFFERENT STOCK MARKET VOLATILITY MODELS BASED ON TIME SERIES AND DEEP LEARNING APPROACHES	11.12.2023
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, Centre for Computer Science and Applications, D.U.	ANALYSIS OF DISEASE PREDICTION MODEL USING SUPERVISED MACHINE LEARNING ALGORITHMS	07.12.2023
15	Dhiraj Baruah (Computer Science)	(i) Dr. Rizwan Rehman, Assistant Professor, Centre for Computer Science and Applications, D.U. (ii) Dr. Pranjal Kumar Bora, 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 ALZHEIMER'S DISEASE	12.12.2023
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 EXERGOECONOMIC 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 CONSIDERING REAL GAS INFLUENCES	14.12.2023
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

The attention of all the scholars are drawn to the following:

1. They are to pay Ph.D. registration fee of Rs. 6000/- (***Rupees Six thousand***) ***within one month from*** the date of issue of this Notification, failing which the permission for registration will stand automatically cancelled.
2. The registered Ph.D. Scholars under Faculty of Science and Engineering, Faculty of Earth Sciences and Energy, Faculty of Biological Sciences shall have to pay Rs. 400/- (Rupees Four hundred) only per month from the month of effect of his/her Ph.D. Registration till the month of submission of his/her thesis.
3. The registered Ph.D. Scholars under Faculty of Humanities and Law, Faculty of Social Sciences, Faculty of Commerce and Management Science and Faculty of Education shall have to pay Rs. 300/- (Rupees Three Hundred) only per month from the month of effect of his/her Ph.D. Registration till the month of submission of his/her thesis.
4. If any registered Ph.D. Scholar fails to pay the monthly fee at least once in every six months, his/her admission for Ph.D. Programme may stand cancelled.
5. **All payments by the Ph.D. Scholars to be made online through ERP Portal only. Payment through any other mode shall not be accepted.**

6. The registered Ph.D. Scholars shall have to submit the **Registration Fee acknowledgement receipt** along with the Photocopy of the Dibrugarh University **Registration Card/Certificate** at the Office of the Deputy Registrar (Academic), Dibrugarh University within one month from the date of issue of this Notification.
7. Subject to the full observance of the above conditions and compliance of the ***Dibrugarh University Regulations for the Research Council and for the Degree of Doctor of Philosophy (Ph.D.), 2019 (as amended)***, their admission for Ph.D. will remain valid for a period of five (5) years with effect from the date of their registration.



03/01/2024
Deputy Registrar (Academic)
Dibrugarh University


Memo No: DU/DR-A/FB-18/FSE/12-23/006

Date: 03.01.2024

Copy for kind information and necessary action to:

1. The Hon'ble Vice-Chancellor i/c, Dibrugarh University.
2. The Dean, R & D, Dibrugarh University.
3. The Dean, Faculty of Science and Engineering, Dibrugarh University.
4. The Registrar, Dibrugarh University.
5. The Controller of Examinations i/c, Dibrugarh University.
6. The Chairpersons of the D.R.C.s concerned, Dibrugarh University.
(Chairperson, DRC in Physics / Statistics / Mathematics / Anthropology / Computer Science / Pharmaceutical Sciences / Engineering)
7. The Supervisors concerned.
8. The Research Scholars concerned.
9. The Deputy Registrar (F&A) i/c, Dibrugarh University.
10. The Senior Statistician, Dibrugarh University.
11. The Programmer, Dibrugarh University.
12. Files.


03/01/2024
Deputy Registrar (Academic)
Dibrugarh University
