



**OFFICE OF THE REGISTRAR::DIBRUGARH UNIVERSITY::DIBRUGARH**

Ref No : DU/DR-A/SB-SSE/9-17/1746

Date :23.10.2017.

**NOTIFICATION**

The 9/2017 Meeting of the School Board, School of Science and Engineering held on 22.09.2017 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 these 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.), as amended up to date.*

| Sl. No. | Name of the Scholar and Department.                         | Name of the Supervisor   | Topic  | Date of effect |
|---------|---|--|--|----------------|
| 1.      | Mr. Amitav Doley<br>(Mathematics)                           | Dr. Ankur Bharali,<br>Assistant Professor,<br>Dept. of Mathematics,<br>D.U.  | A STUDY ON SOME<br>TOPOLOGICAL INDICES OF<br>GRAPHS  | 18.09.2017     |
| 2.      | Ms. Nomi Baruah<br>(Computer<br>Science)                    | (i) Prof. Surajit<br>Borkotokey, Dept. of<br>Mathematics, D.U.<br>(ii) Prof. Shikhar Kr.<br>Sarma, Dept. of<br>Information<br>Technology, G.U. | A HYBRID APPROACH FOR<br>CONTENT COMPACTION<br>OF PARTS-OF-SPEECH<br>(POS) TAGGED ASSAMESE<br>TEXT                   | 15.09.2017     |
| 3.      | Mr. Rabinder<br>Kumar Prasad<br>(Computer<br>Science)       | Prof. Subrata<br>Chakraborty, Dept. of<br>Statistics, D.U.   | A STUDY ON SOME<br>COMPUTATIONAL ISSUES<br>IN CLUSTER ANALYSIS   | 15.09.2017     |
| 4.      | Ms. Munmi<br>Borthakur<br>(Computer<br>Science)             | Prof. S. C. Kakaty,<br>Dept. of Statistics, D.U.   | PROJECTING CASHLESS<br>TRANSACTIONS OF SOME<br>RBI-GOVERNED<br>FINANCIAL INSTITUTIONS<br>: A DATA MINING<br>APPROACH | 15.09.2017     |
| 5.      | Mr. Muluneh<br>Fromsa Seifu<br>(Pharmaceutical<br>Sciences) | Prof. L. K. Nath, Dept.<br>of Pharm. Sciences,<br>D.U.   | HYALURONIC ACID-<br>ANTICANCER DRUG<br>CONJUGATE LOADED<br>NANOLIPOSOMES FOR<br>SITE SPECIFIC DELIVERY               | 14.09.2017     |

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| 6.  | Mr. Anshul Shakya<br>(Pharmaceutical Sciences)   | Prof. S. K. Ghosh, Dept. of Pharm. Sciences, D.U.   | HOLISTIC EVALUATION OF ADAPTOGENIC POTENTIAL OF THE <i>BENINCASA HISPIDA</i> THUM. FRUITS                                    | 14.09.2017 |
| 7.  | Mr. Neelutpal Gogoi<br>(Pharmaceutical Sciences) | Prof. D. Chetia, Dept. o<br>Pharm. Sciences, D.U.   | 1 IDENTIFICATION OF ANTIMALARIAL PHYTOCONSTITUENTS IN SOME SELECTED TRADITIONAL HERBAL REMEDIES OF ASSAM                     | 14.09.2017 |
| 8.  | Mr. Monowar Hussain<br>(Pharmaceutical Sciences) | Dr. M. K. Das, Associate Professor, Dept. of Pharm. Sciences, D.U.                          | DEVELOPMENT OF NOVEL BIODEGRADABLE POLYMERIC NANOCARRIERS FOR VIRAL RESERVOIRS TARGETING OF AN ANTIRETROVIRAL DRUG EFAVIRENZ | 14.09.2017 |
| 9.  | Mr. Tilok Boruah<br>(Electrical Engineering)     | Dr. Neelanjana Baruah, Professor and Head Dept. of Electrical Engineering, JEC, Jorhat.     | A STUDY ON GRID INTEGRATION OF DISTRIBUTED GENERATION IN NORTH-EAST WITH SPECIAL REFERENCE TO ASSAM                          | 14.08.2017 |
| 10. | Ms. Monisha Pathak (Electrical Engineering)      | Dr. Mrinal Buragohain, Associate Professor, Electrical Engineering Department, JEC, Jorhat. | SLIDING MODE CONTROL STRATEGIES FOR UNCERTAIN ROBOTIC MANIPULATORS   | 23.05.2017 |
| 11. | Mr. Dhiraj Kumar Deka (Civil Engineering)        | Dr. Atanu Kr. Dutta, Associate Professor, Dept. of Civil Engineering, JEC, Jorhat           | A NUMERICAL STUDY ON STRUCTURAL FUSES FOR SEISMIC PROTECTION OF BUILDINGS  | 26.05.2017 |
| 12. | Mr. Rituparna Goswami (Civil Engineering)        | Dr. Prasanna Kr. Khaund, Professor and Head, Dept. of Civil Engineering, JEC, Jorhat        | A STUDY ON THE ANTI EROSION EFFECTS OF PORCUPINE SPURS AND SCREENS ON ALLUVIAL STREAMS                                       | 26.05.2017 |
| 13. | Mr. Bijay Kr. Roy (Mechanical Engineering)       | Dr. Reeta Sarmah, Professor and Principal Jorhat Engineering Colege, Jorhat                 | ENERGY AND EXERGY EVALUATION OF A NATURAL GAS FIRED COMBINED CYCLE POWER GENERATION UNIT : A CRITICAL ANALYSIS               | 16.09.2017 |

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| 14. | Mr. Mafidur Rahman<br>(Mechanical Engineering)          | Dr. Thuleswar Nath,<br>Associate Professor,<br>Mechanical Engineering<br>Department, JEC, Jorhat  | DESIGN, ANALYSIS AND<br>OPTIMIZATION OF<br>HYDRAULIC RAM PUMP<br>PARAMETERS FOR<br>ENHANCED<br>PERFORMANCE.   | 16.09.2017 |
| 15. | Mr. Partha Protim Borthakur<br>(Mechanical Engineering) | Dr. Thuleswar Nath,<br>Associate Professor,<br>Mechanical Engineering<br>Department, JEC, Jorhat  | 2 A PHASE-WISE STUDY AND<br>ANALYSIS OF TRAFFIC<br>SYSTEM OF A TOWN FOR<br>SYSTEM IMPROVEMENT   | 16.09.2017 |
| 16. | Mr. Diganta Kalita<br>(Mechanical Engineering)          | (i) Dr. Parimal Bakul<br>Borua, Professor and<br>Head, Dept. of<br>Mechanical<br>Engineering, JEC,<br>Jorhat<br>(ii) Dr. Diganta<br>Hatibaruah, Dept. of<br>Mechanical<br>Engineering, JEC,<br>Jorhat | STUDY, ANALYSIS AND<br>OPTIMIZATION OF HEAT<br>AFFECTED ZONE IN<br>WELDING USING A NON-<br>CONVENTIONAL<br>TECHNIQUE  | 16.09.2017 |
| 17. | Ms. Kongkona Gogoi (Chemistry)                          | (i) Prof. Geetika Borah,<br>Dept. of Chemistry,<br>D.U.<br>(ii) Dr. Sanjib Gogoi,<br>Scientist-C, CSTD,<br>CSIR-NEIST.  | STUDIES ON METAL-<br>CATALYZED ANNULATION<br>REACTIONS FOR THE<br>SYNTHESIS OF<br>BIOLOGICALLY<br>IMPORTANT<br>HETEROCYCLES                                     | 18.09.2017 |
| 18. | Mr. Bidyot Bikash Gogoi (Chemistry)                     | (i) Prof. J. G. Handique,<br>Dept. of Chemistry,<br>D.U.<br>(ii) Dr. Tanmay Karak,<br>Principal Scientist<br>(Soils) Tea Research<br>Association, Upper<br>Assam Advisory<br>Centre, Dikom            | STUDIES ON SELECTED<br>TRACE ELEMENTS IN TEA<br>GROWING SOILS, TEA<br>LEAVES <i>VIS-a-VIS</i> MADE<br>TEA AND INFUSION IN<br>SOME TEA GARDENS OF<br>UPPER ASSAM | 18.09.2017 |
| 19. | Ms. Parmita Phukan<br>(Chemistry)                       | Dr. Diganta Sarma,<br>Associate Professor,<br>Dept. of Chemistry,<br>D.U.   | DEVELOPMENT OF<br>GREENER<br>METHODOLOGIES FOR<br>CARBON-CARBON AND<br>CARBON-NITROGEN BOND<br>FORMATION REACTIONS.   | 18.09.2017 |

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|-----|---|--|--|------------|
| 20. | Mr. Prodip Kumar Goswami (Chemistry)        | (i) Prof. J. G. Handique, Dept. of Chemisry<br>(ii) Dr. Prakash Jyoti Saikia, Scientist, Analytical Chemistry Group, CSTD CSIR-NEiST, Jorhat.  | SYNTHESIS AND CHARACTERIZATION OF POLY (GLYCIDYL METHACRYLATE- <i>Co</i> -OCTADECYL METHACRYLATE) PARTICLES BY DISPERSION RADICAL POLYMERIZATION             | 18.09.2017 |
| 21. | Ms. Ranjida Ahmed (Life Sciences)           | Prof. Dipsikha Bora, Dept. of Life Sciences, D.U.  | 3 STUDY OF SOIL ACARINE FAUNA IN CONVENTIONAL, ORGANIC AND BIORATIONAL TEA PLANTATION OF UPPER ASSAM   | 19.09.2017 |
| 22. | Mr. Abhijit Das (Life Sciences)             | Prof. S. P. Biswas, Dept. of Life Sciences, D.U.   | LIMNOLOGY AND FISHERIES OF MARA BHARALI RIVER IN SONITPUR DISTRICT OF ASSAM  | 19.09.2017 |
| 23. | Ms. Aparajita Gogoi (Life Sciences)         | Prof. S. P. Biswas, Dept. of Life Sciences, D.U.   | A COMPARATIVE STUDY ON LARVICIDAL EFFICACY OF CERTAIN NATIVE MURRELS AND ALIEN FISH SPECIES  | 19.09.2017 |
| 24. | Ms. Babita Phukan Borkotoky (Life Sciences) | (i) Dr. Pavitra Chutia, P.G. Department of Life Sciences, D.R. College, Golaghat.<br>(ii) Dr. S. R. Sarmah, Mycology and Microbiology Department, Toklai Tea Research Institution, Jorhat. | ETHNOBIOLOGICAL STUDIES OF TEA-TRIBE COMMUNITY OF JORHAT AND GOLAGHAT DISTRICT OF ASSAM AND A BIOCHEMICAL ANALYSIS OF SELECTED EDIBLE FLORA AND INSECT FAUNA | 19.09.2017 |
| 25. | Mr. Apurba Saikia (Life Sciences)           | (i) Dr. Pavitra Chutia, P.G. Department of Life Sciences, D.R. College, Golaghat.<br>(ii) Dr. S. R. Sarmah, Mycology and Microbiology Department, Toklai Tea Research Institution, Jorhat. | STUDIES ON PRODUCTION AND UTILIZATION OF ORGANIC MANURE FROM TEA WASTE BY INDIGENOUS EARTHWORM SPECIES   | 19.09.2017 |

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| 26. | Mr. Nakul Neog<br>(Life Sciences) | Dr. Pankaj Chetia,<br>Assistant Professor,<br>Dept. of Life Sciences,<br>D.U. | AN <i>IN SILICO</i> STUDY TO<br>IDENTIFY POTENT NDM<br>INHIBITORS FROM<br>SELECTED PLANT<br>DERIVED COMPOUNDS TO<br>COMBAT DRUG<br>RESISTANT <i>KLEBSIELLA</i><br>SPP. | 19.09.2017 |
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**The attention of all the scholars are drawn to the following :**

1. They are to pay Ph.D. registration fee of Rs. 5000/- (*Rupees Five 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 School of Science and Engineering, School of Earth, Atmospheric Sciences, Environment and Energy shall have to pay Rs. 200/- (Rupees Two hundred) only per month from the month of effect of his/her Ph.D. Registration till the date of submission of his/her thesis.
3. The registered Ph.D. Scholars under School of Humanities and Social Sciences, School of Commerce and Management Science and School of Education shall have to pay Rs. 150/- (Rupees One hundred Fifty) only per month from the month of effect of his/her Ph.D. Registration till the date 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 month, their admission for Ph.D. Programme may stand cancelled.
5. All payments by the Ph.D. Scholars to be made in the Dibrugarh University Account (**No. 0157002100032540**) of the **Punjab National Bank**, which may be tendered in any Branch of the Bank during the working hours. In such cases the receipt of the payment must be submitted at the office of DR (Academic). Payments can also be made by **Bank Draft**. In such case, the Bank Draft must be made in favour of “**REGISTRAR, DIBRUGARH UNIVERSITY**” drawn on the **PUNJAB NATIONAL BANK, DIBRUGARH UNIVERSITY BRANCH (CODE 9940)**”, otherwise bank draft will not be accepted.
6. The registered Ph.D. Scholars shall have to submit their **Registration Certificates in Original** at the Office of the Deputy Registrar (Academic), Dibrugarh University within six months from the date of issue of this Notification.
7. Subject to the full observance of the above conditions and compliance of the Regulations for the Award of the Degree of Doctor of Philosophy (Ph.D.) of Dibrugarh University as amended from time to time, their admission for Ph.D. will remain valid for a period of 5 (five) years with effect from the date of their registration.

**(Dr. B. C. Borah)**  
**Deputy Registrar (Academic)**  
**Dibrugarh University.**

**Memo No : DU/DR-A/SB-SSE/9-17/1747**

**Date: 23.10.2017.**

**Copy to :**

1. The Vice-Chancellor, D.U. for favour of information.
2. The Dean, Humanities and Social Sciences, Dibrugarh University for favour of information.
3. The Dean, R & D, Dibrugarh University for favour of information.
4. The Registrar, D.U. for favour of information.
5. All Research Scholars concerned for favour of information and necessary action.  
(Mr./Ms .....  
.....)
6. All the Supervisors concerned :  
(Prof/Dr .....  
.....)
7. All the Chairpersons of the D.R.C.s concerned, for favour of information.  
(Chairman, DRC in .....)
8. The Deputy Registrar (F&A), D.U. for favour of information, and necessary action.
9. The Senior Statistician, D.U. for favour of information.
10. Files.

**(Dr. B.C. Borah)**  
**Deputy Registrar (Academic)**  
**Dibrugarh University.**