



OFFICE OF THE REGISTRAR :: DIBRUGARH UNIVERSITY :: DIBRUGARH

Ref No : DU/DR-A/12-1/RC-SC/14/866

Date :11.12.2014.

NOTIFICATION

The 2/2014 meeting of the Research Council in Science held on 16.10.2014 has approved vide Resolution No. (3) the registration of the following research scholars for the degree of doctor of Philosophy (Ph.D.) of Dibrugarh University on the topics, under the supervision of the Guides and with effect from the dates mentioned against their names. The Ph.D. work of these Research Scholars shall be regulated as per the provisions of *Dibrugarh University Regulations for the Research Councils and for the Degree of Doctor of Philosophy (Ph.D.), 2009 (w.e.f. January, 2010)*.

Sl.No.	Name of the Scholar and Department.	Name of the Supervisor	Topic	Date of effect
1.	Ms Jyoti Moni Bora (Physics)	Dr P.K. Saikia, Asstt. Professor, Deptt. of Physics, D.U.	“A Study on CdS thin films doped with Cu and Ag for Photovoltaic Application”.	25.09.2014
2.	Ms Gitashri Arandhara (Physics)	Dr P.K. Saikia, Asstt. Professor, Deptt. of Physics, D.U.	“Optical, Electrical and Structural investigation of Cu and Ag doped ZnS thin films for photovoltaic applications”.	25.09.2014
3.	Ms Sebika Kangsha Banik (Physics)	Dr K. Bhuyan, Asstt. Professor, Deptt. of Physics, D.U.	On the application of the Theory of Dynamical Systems in Cosmology”.	25.09.2014
4.	Ms Sagarika Khound (Physics)	Dr Ranjit Sarma, Assoc. Professor & Head, Deptt. of Physics, J.B. College, Jorhat.	“A Study of Organic Thin Film Transistor using bilayer gate insulator”.	25.09.2014
5.	Ms Tribeni Borthakur (Physics)	Dr Ranjit Sarma, Assoc. Professor & Head, Deptt. of Physics, J.B. College, Jorhat.	“A study of bilayer source drain electrode on the performance of Organic thin film transistor”.	25.09.2014

6.	Mr Dhrubajyoti Saikia (Physics)	Dr Ranjit Sarma, Assoc. Professor & Head, Deptt. of Physics, J.B. College, Jorhat.	“A study on the performance of organic light emitting diode using bilayer anode”.	25.09.2014
7.	Ms Rimpy Kakoti (Physics)	Prof. P.K. Bhuyan, Deptt. of Physics, D.U.	“Spatial asymmetries over Indian low latitude ionosphere: Observation and modelling”.	25.09.2014
8.	Mr Nuredin Mohamedkassm Siraj (Biotechnology)	Prof. R.N.S. Yadav, Director i/c, Centre for Studies in Biotechnology, D.U.	“Isolation and Characterization of Probiotic Bactria from Cattle Farm Soil in Dibrugarh District, Assam”.	30.09.2014
9.	Ms Sagarika Das (Biotechnology)	Prof. R.N.S. Yadav, Director i/c, Centre for Studies in Biotechnology, D.U. And Dr T. Bandyopadhyay, Deptt. of Biotechnology, Tea Research Association, Tocklai Tea Research Institute, Jorhat – 785008.	“Expression Profiling of the Genes involved in Terpenoid (Monoterpenoid and Sesquiterpenoid) Biosynthesis in Assam and Darjeeling Tea for Quality”.	30.09.2014
10.	Mr Devo Kanta Pegu (Bioinformatics)	Dr R. Sarmah, Centre for Bioinformatics Studies, D.U. And Prof. T. Ali, Deptt. of Mathematics, D.U.	“Modeling and Molecular dynamics analysis of <i>Helicobacter pylori</i> proteins and search for target by blind Docking approach”.	25.09.2014.
11.	Ms Mitali Chetia (Chemistry)	Dr D. Sarma, Asstt. Professor, Deptt. of Chemistry, D.U.	“Transition metals immobilized on solid surfaces as recyclable/reusable heterogeneous catalytic systems for the synthesis of 1,2,3-triazoles using azide-alkyne cycloaddition reactions”.	24.09.2014.

12.	Ms Preeti Rekha Boruah (Chemistry)	Dr D. Sarma, Asstt. Professor, Deptt. of Chemistry, D.U.	“A Study of Transition Metals Catalyzed Cross Coupling Reactions of Organoboranes with Organic Halides in Water and Ionic Liquids”.	24.09.2014.
13.	Mr Dwipen Kakoti (Chemistry)	Prof. P. Das, Deptt. of Chemistry, D.U.	“An Investigation on the use of Rice Husk as Potential Support Materials to Embed Palladium for Application in Organic Reactions”.	24.09.2014.
14.	Mr Hirok Jyoti Borah (Chemistry)	Dr (Ms) S. Hazarika, Scientist, Chemical Engineering Division, North East Institute of Science and Technology, Jorhat – 06. And Dr (Ms) G. Borah, Assoc. Professor, Deptt. of Chemistry, D.U.	“Studies on Nanofiltration for Separation of Certain Biomolecules from Some Plant Species of Assam”.	24.09.2014.
15.	Mr Prabin Das (Chemistry)	Dr D.K. Dutta, Chief Scientist, Materials Science Division, North East Institute of Science and Technology, Jorhat – 06 And Dr L. Saikia, Scientist, Materials Science Division, North East Institute of Science and Technology, Jorhat – 06.	“Synthesis, characterization and catalytic applications of nickel, ruthenium and iridium metal complexes and metal nanocomposites”.	24.09.2014.

16.	Mr Pallab Kumar Saikia (Chemistry)	Dr D.K. Dutta, Chief Scientist, Materials Science Division, North East Institute of Science and Technology, Jorhat – 06 And Dr L. Saikia, Scientist, Materials Science Division, North East Institute of Science and Technology, Jorhat – 06.	“Synthesis of montmorillonite stabilized metal complexes and metal nanoparticles of rhodium, palladium and platinum and their reactivities”.	24.09.2014.
17.	Mr Sadiq Hussain (Computer Science)	Prof G.C. Hazarika, Head, Deptt. of Mathematics, D.U.	“Interesting Pattern Extraction over High Dimensional Data”.	24.09.2014.
18.	Mr Rizwan Rehman (Computer Science)	Prof G.C. Hazarika, Head, Deptt. of Mathematics, D.U.	“Analysis and Synthesis of Mishing Phonemes”.	24.09.2014.
19.	Ms Bandita Phukan (Mathematics)	Prof G.C. Hazarika, Head, Deptt. of Mathematics, D.U.	“Effects of Variable Viscosity and Thermal Conductivity on Some MHD Flow Problems of Micropolar Fluid”.	24.09.2014.
20.	Ms Santana Hazarika (Mathematics)	Prof G.C. Hazarika, Head, Deptt. of Mathematics, D.U.	“Effects of Variable Viscosity and Thermal Conductivity on Some MHD Flow Problems of Dusty Fluid”.	24.09.2014.
21.	Ms Manoshi Kotoky (Mathematics)	Prof. A.K. Baruah, Deptt. of Mathematics, D.U.	“Studies on Certain Graph Theoretic Approach to Transportation Problems”.	24.09.2014.

22.	Ms Songita Boruah (Mathematics)	Prof. A.K. Baruah, Deptt. of Mathematics, D.U.	“Numerical Methods for Three-Parameter Eigenvalue Problems for Matrices”.	24.09.2014.
23.	Ms Pronita Gogoi (Statistics)	Dr B. Gogoi, Prof., Deptt. of Statistics, D.U.	“A Study on Some Dispersion Tests Under Equal and Unequal Location Parameter”.	01.10.2014.
24.	Mr Rituraj Baruah (Statistics)	Prof. J. Hazarika, Deptt. of Statistics, D.U.	“An Econometric Analysis of Consumer Behaviour based on Extension of Engel Models: An Empirical Reality from NSS Data”.	01.10.2014.
25.	Ms Rinku Saikia (Statistics)	Dr M.P. Barman, Asstt. Professor, Deptt. of Statistics, D.U.	“Some Theoretical and Applied Aspects of Accelerated Failure Time Models in Survival Data”.	01.10.2014.
26.	Ms Supriya Sahu (Pharm. Sciences)	Prof. S.K. Ghosh, Deptt. of Pharm. Sciences, D.U.	“In Silico Studies, Synthesis and Antimalarial Evaluation of Hybrid Phenyl Thiazolyl Triazine Derivatives”.	01.09.2014.
27.	Mr Abhishek Kumar Yadav (Pharm. Sciences)	Prof. L.K. Nath, Deptt. of Pharm. Sciences, D.U.	“Pharmacological Potential of selected plants species with special reference to anticancer activity”.	29.09.2014
28.	Mr Partha Pratim Kaishap (Pharm. Sciences)	Prof. D. Chetia, Deptt. of Pharm. Sciences, D.U. And Dr Sanjib, Gogoi, Scientist, North East Institute of Science and Technology, Jorhat – 06.	“Synthesis and biological evaluation of a series of new aza-heterocyclic compounds for anti-inflammatory and cytotoxic activities”.	29.09.2014

29.	Mr Chandrajit Dohutia (Pharm. Sciences)	Prof. D. Chetia, Deptt. of Pharm. Sciences, D.U.	“Design, synthesis and evaluation of curcumin derivatives for antimalarial activity”.	29.09.2014
30.	Md. Johirul Islam (Pharm. Sciences)	Dr K. Zaman, Asstt. Professor, Deptt. of Pharm. Sciences, D.U. And Dr P. Chattopadhyay, Sc.-D and Group Head, Division of Pharmaceutical Technology, Defence Research Laboratory, Tezpur -01.	“Fabrication and assessment of controlled release mosquito repellent patch”.	29.09.2014
31.	Ms Ratna Jyoti Das (Pharm. Sciences)	Dr B. Mazumder, Asstt. Professor, Deptt. of Pharm. Sciences, D.U.	“Regioselective bilayer tablets of natural antihypertensives from <i>Clerodendrum colebrookianum Walp</i> and <i>Centella asiatica L.</i> for Biphasic release: Formulation development, characterization and optimization”.	29.09.2014
32.	Ms Kalyani Pathak (Pharm. Sciences)	Dr A. Das, Asstt. Professor, Deptt. of Pharm. Sciences, D.U.	“Isolation and Characterization of Bioactive molecule(s) of the Leaves of <i>Annona reticulata</i> Linn., a folklore herbal drug of Assam”.	29.09.2014
33.	Ms Munmi Puzari (Life Sciences)	Dr D. Kardong, Asstt. Professor, Deptt. of Life Sciences, D.U.	“Study on the Distribution Pattern, Nutritional Value and Phylogeny of Freshwater Bivalve <i>Parreysia favidens</i> (Benson from Upper Assam, India”	30.09.2014

34.	Mr Sonku Moni Borah (Life Sciences)	Dr S.C. Nath, Chief Scientist, North East Institute of Science & Technology, Jorhat -6.	“Diversity of Edible Species of <i>Dioscorea</i> Linnaeus Dioscoreaceae) in Assam: A Systematic Census with Emphasis to Ethnobotany”.	30.09.2014
35.	Ms Tarpana Bhagawati (Life Sciences)	Prof. R. Samanta, Deptt. of Life Sciences, D.U.	“Studies on Microbes Associated with the Roots of Shade Trees Used in Tea Gardens of Undivided Dibrugarh District, Assam with Special Reference to Phosphate Solubilization”.	30.09.2014
36.	Ms Aparupa Borgohain (Life Sciences)	Prof. (Ms) D.S. Bora, Deptt. of Life Sciences, D.U. And Prof. R. Samanta, Deptt. of Life Sciences, D.U.	“Study on Diversity of Flacherie Causing Bacterial Pathogens of Muga Silkworm, <i>Antheraea assamensis</i> Helfer with Special Reference to Host Plants”.	30.09.2014
37.	Ms Gayatri Sarma Baruah (Life Sciences)	Prof. (Ms) D.S. Bora, Deptt. of Life Sciences, D.U.	“Characterization of Prophenoloxidase and Its Activating Factors in the Muga Silkworm <i>Antheraea assama</i> Westwood (Lepidoptera: Saturniidae) under in Vitro Pathogen Induced Conditions”.	24.09.2014

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 letter, failing which the permission for registration will stand automatically cancelled. Further, they will pay Rs. 200/- (Rupees Two hundred) only per month from the month of effect of your admission to the month of submission of their theses. If they fail to pay the monthly fee of Rs. 200/- for six months at a stretch their admission for Ph.D. will be cancelled.

2. The payments may be made in cash at the **University Cash Counter** during the working hours. In such case the “Duplicate Copy “ of the receipt must be submitted to the undersigned. 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 **STATE BANK OF INDIA, DIBRUGARH UNIVERSITY BRANCH (Code 2051)**”, otherwise the bank draft will not be accepted.
3. They will also have to submit their **Registration Certificate in Original** within six months from the date of issue of this letter.
4. 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.

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

Memo No : DU/DR-A/12-1/RC-SC/14/867

Date :11.12.2014.

Copy to :

1. The Vice-Chancellor, D.U., for favour of information.
2. The Registrar, D.U. for favour of information.
3. All Research Scholars concerned for favour of information, and necessary action.
 (Mr./Ms

4. All the Supervisors concerned :
 (Prof/Dr

5. All the Chairpersons of the D.R.C.s concerned, for favour of information.
 (Chairman, DRC in)
6. The Deputy Registrar (F&A), D.U. for favour of information, and necessary action.
7. Files.

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

