

Proforma for submission of information by Universities / Institutions Deemed to be Universities with regard to M.Phil / Ph.D. programme

1. Name & address of the university with Tel., e-mail & fax details

(i) Main Campus : Tezpur University
 Napam, Tezpur-784028,
 Assam, India
 Telephone : 03712-267007 - 9 (3 lines)
 E-mail : admn@tezu.ernet.in
 Fax : 03712 - 267005, 267006

(ii) Off-Campus (if any) : NIL

2. Whether M.Phil and Ph.D. programmes are offered by the university through Distance Mode : Yes No

Part 1 : Conformity to UGC Regulation

3. Whether the UGC (Minimum Standards for Award of M.Phil./Ph.D. Degree) Regulation, 2009 is being followed in respect of:

(A) Procedure for Admission in the year 2012-13

(i) When did you issue the advertisement for Admission into Ph.D. program ? :

| Session | Date | | Month | | Year | |
|-----------------------|------|---|-------|---|------|---|
| Autumn Semester, 2012 | 3 | 1 | 0 | 1 | 1 | 2 |
| Spring Semester, 2013 | 0 | 6 | 1 | 1 | 1 | 2 |

(ii) Date of Entrance Test, if conducted by the institution. :

| Session | Date |
|-----------------------|------------------------|
| Autumn Semester, 2012 | June 18 - 19, 2012 |
| Spring Semester, 2013 | December 20 - 21, 2012 |

(iii) Mode of Advertisement. : Through Website and Newspapers (abridged) (National/ Regional)

(iv) No. of seats for admission notified in the advertisement. :

| Session | No. |
|-----------------------|-----|
| Autumn Semester, 2012 | 72 |
| Spring Semester, 2013 | 67 |

(v) No. of candidates appeared in the Entrance Test. :

| Session | No. |
|-----------------------|-----|
| Autumn Semester, 2012 | 173 |
| Spring Semester, 2013 | 173 |

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| (vi) Date of interview of the candidates, if any. : | Session | Date |
| | Autumn Semester, 2012 | June 18 - 19, 2012 |
| | Spring Semester, 2013 | December 20 - 21, 2012 |

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| (vii) No. of candidates shortlisted/ appeared for interview. : | Session | No. |
| | Autumn Semester, 2012 | 173 |
| | Spring Semester, 2013 | 173 |

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| (viii) No. of students admitted to Ph.D. without M.Phil. : | Session | No. |
| | Autumn Semester, 2012 | 34 |
| | Spring Semester, 2013 | 46 |

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| (ix) Of the admitted students, no. of students who have done their Masters/ M.Phil. from the same university. : | Session | No. |
| | Autumn Semester, 2012 | 23 |
| | Spring Semester, 2013 | 22 |

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| (x) Number of candidates registered who belong to. : | Session | Gen | SC | ST | OBC | PH |
| | Autumn Semester, 2012 | 21 | 4 | 6 | 6 | Nil |
| | Spring Semester, 2013 | 22 | 3 | 2 | 20 | Nil |

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| (xi) Number of girls and boys registered for Ph.D. : | Session | Girls | Boys |
| | Autumn Semester, 2012 | 19 | 18 |
| | Spring Semester, 2013 | 21 | 27 |

(xii) The number of seats for Ph.D. are decided well in advance and Notified in the University website or Advertisement. : Yes No
Notified through University website

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|---|-----------------------|--------------------------|---|
| (xiii) Number of candidates who carry out Coursework inside or outside the University/ Institution for which credits are given. : | Session | Within University | In association with other University |
| | Autumn Semester, 2012 | 32 | 1 |
| | Spring Semester, 2013 | 38 | Nil |

(B) Eligibility Criteria for Ph.D. supervisor

(i) Whether criteria is laid-down by the University for the faculty to be recognized as Research Supervisor (if yes, a copy of the criteria may be enclosed) ? : Yes No

[As per existing Ph.D. rules & regulations, any member of the faculty of the university having Ph.D. degree with at least three years of post doctoral teaching / research experience supported by three peer-reviewed/ refereed publications including book chapters/ articles in research journals may be recommended by the DRC/CRC for recognition as supervisor. However, all Professors will automatically be included in the list of recognized supervisors. Those teachers who acquire the requisite qualifications subsequent to their appointment shall express their willingness to supervise research by writing to the chairperson, RC through the chairperson DRC/CRC". (Copy enclosed)]

(ii) Whether the number of research scholars attended to a Research Supervisor is as per the Regulation ? : Yes No

(C) Allocation of Research Supervisor : Allotment of Supervisors

How is the Research Supervisor identified ?

Following the recommendation of the DRC/CRC the chairperson shall nominate a supervisor to supervise the research of a candidate during the first semester with the consent of the person so nominated.

A student may apply in prescribed format (Form I) to the chairperson, DRC/CRC for changing his/her supervisor/co-supervisor (or both) on sufficient and valid grounds. On the basis of the application and the recommendation of the DRC/CRC, the RC may approve the change.

(D) Course Work

No. of Semester set aside for course work (in case requirement other than course work are followed may please specify).

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| Full Time student | Within first two Semester |
| Part Time student | During any two of the first three semesters |

Exemption from Course work:

As per existing Ph.D. rules & regulations, any member of the faculty of a University/Institution/ Deemed university conducting PG programmes with three years' experience and any candidate with an M.Phil/M.Tech degree may be exempted from course work. However, such a person shall be required to give at least two seminars on the areas related to his/her area of research prior to the submission of the Plan of research.

Those who have carried out research at another university and have completed the course work of equivalent standard/ credit may be exempted from course work at this university. However if the DRC/CRC feels, it can suggest course work (credit or non-credit) for the benefit of such candidates.

(E) Evaluation and Assessment

(i) Whether the candidate is allowed to take up actual research work for Ph.D. only after successful completion of course work ? : Yes No

(ii) Whether prior to submission of thesis a presentation open to all is prescribed ? : Yes No

(iii) Whether the candidate is mandated to publish one research paper in a refereed journal before submission ? : Yes No

[As per Ph.D. rules & regulations A Ph.D student may submit his / her thesis within the stipulated period but not later than six months from the date of pre-submission seminar provided he/she fulfills all requisites for Ph.D thesis submission with at least one peer-reviewed/refereed publication including book chapters/ articles in research journals]

(iv) Whether the evaluation of the thesis is done by at least two experts, with at least from outside the state or outside the country ? : Yes No

(v) Whether student undergoes viva-voce examination and an open defence of the thesis ? : Yes No

(vi) No. of publications in refereed journals by students registered for Ph.D. programme before submission of thesis. : As per existing Ph.D. rules & regulations, the Ph.D. shall fulfill all requisites for Ph.D thesis submission with at least one peer-reviewed/refereed publication including book chapters/ articles in research journals.

(vii) No. of students awarded Ph.D. degree in the last two years. :

| Year | No. |
|------|-----|
| 2011 | 33 |
| 2012 | 33 |

(F) Depository with the UGC

(i) Whether the list of Ph.D. students currently enrolled with University is posted on the university's website along with name of scholars, title of research, name of the department and name of research guide ? : Yes No

Any Ph.D. student can access the information from the TU website.

(ii) Whether soft (electronic) copy of Ph.D. Theses has been submitted to the UGC/INFLIBNET (If yes, please give details of Ph.D. theses submitted to the UGC along with the date of submission) : Yes No

| S/N | Name | Ph.D. Thesis Submitted to the UGC/ INFLIBNET | | Journal in which the paper of the Ph.D. student was published |
|-----|---------------------------|---|-----------------------|---|
| | | Title of Thesis | Date of submission | |
| 1. | Tridib Ranjan Sarma | Formulation of an Optimized Algorithm for Resource Scheduling and Allocation in Projects: A Genetic Algorithms Approach. | 11-Feb-10 | International Journal of Scientific and Engineering Research (IJSER), Vol 4, Issue 4, April 2013. (ISSN 2229-5518) (Coauthored with P. Chaudhury) |
| 2. | Nilkamal Mandal | An Analytical Study of the Supply Chain with Respect to Transportation Between India and CIS Region | 06-Jul-10 | NIL |
| 3. | Jatijiban Bora | A Study of Water Supply Infrastructure in Tezpur Urban Agglomeration Area, Assam, India | 16-Dec-10 | Presidency Journal of Management Thought & Research, ISSN 2229-5275, Vol. 1 No. 2, July-December 2011 |
| 4. | Chandan Debnath | Interface of Societal Culture and Work Motivation: A Case Study of Angami Tribe of Nagaland | 16-Dec-10 | NIL |
| 5. | Pradip Chandra Mahanta | Designing Appropriate Forest Protection Methods to Check Deforestation in Assam : A Case Study of Charduar and Nameri Ranges of Sonitpur District | 14-Mar-12 | IUP Journal of Environmental Sciences, Vol. VI, No. 1, 2012 |
| 6. | Heera Barpujary | Knowledge Management System Architecture - A Specific Study for Management and Computer Academics | 14-Mar-12 | In Alok Bansal, Yogeshwari Phatak, I C Gupta & Rajendra Jain edited 'Transcending Horizons Through Innovative Global Practices', Excel Publications, 2009, Page No. 509-523 |
| 7. | Arup Roy | Microfinance Institutions (MFIs): A Study on Their Performance and Dynamics in Assam | 10-Jul-12 | International Journal of Commerce and Management, Emerald (pre-print version uploaded in the website in 2013) |
| 8. | Nilanjana Deb | Indian Banking: A Transition Towards Universal Banking Framework | 15-Jan-13 | The Journal of Nepalese Business Studies, Vol VII No. 1, Dec 2010/11, pages 17 - 30 |
| 9. | Biren Gohain | A study on ion pair formation, protonation-deprotonation equilibria of dyes and micelle formation behavior in aqueous dye surfactant solution. | 06-Nov-09 | Phys Chem Chem Phys, J. Colloid Interface Sci, J Phys Org Chem, J. Mol. Liquids |
| 10. | Rabiul Hussain | Development of Controlled Release Polymers for Insect Repellents and Agrochemicals. | 11-Feb-10 | Bioresour. Technol., J. Microencapsulation, J. Appl. Polym. Sci., Iran. Polym. J. |

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|-----|-----------------------|---|-----------|---|
| 11. | Jatindra Nath Maiti | Development of soluble π -conjugated polymers and evaluation of their electroluminescence properties. | 11-Feb-10 | J. Polym. Mat., Journal of Luminescence, Sensors and Actuators B: chemical, Polymer International, |
| 12. | Suvangshu Dutta | Development of Mesua ferrea L. Seed Oil Based Polyurethane Resins. | 11-Feb-10 | Poly.Int., Bioresource Tech., J. Appl. Poly. Sci. (2), Prog. Org. Coat.(2), J. Polym. Environ., Pigment rein Technol., Polym. Int., Eur. J., Material Sci-An Indian J. |
| 13. | Nirmala Devi | Development of natural biodegradable polymeric system for controlled delivery applications | 06-Jul-10 | AAPS PharmSciTech, J. Macromol. Sci. A, J. Appl. Polym. Sci., Int. J. Polym. Mater., Polym. Bull., Drug Dev. Ind. Pharm., Int. J. Polym. Mater., Macromol. Symp. |
| 14. | Bulumoni Kalita | Structural and Electronic Properties of Bare and Supported Palladium Nanoclusters: A Density Functional Approach | 01-Jul-11 | E. Phys. J. D., The Icfai University Journal of Chemistry, J. Phys. Chem. C, J. Am. Chem. Soc., Catal.Lett., J. Comput. Chem., J. Chem. Phys., Bull. Catal. Soc. India(2) |
| 15. | Kalyan Kumar Hazarika | Reactivity of some bio-active natural products and their synthetic analogs towards bio-molecules: a Molecular modeling approach | 01-Jul-11 | Mol. Simul., Struct. Chem., Bull. Catal. Soc. Ind. Phys. Chem. Commun. |
| 16. | Harekrishna Deka | Development of Polyurethane Nanocomposites | 01-Jul-11 | Int. J. Polym. Mater., J. Appl. Poly. Sci., Ionics, Poly. Adv. Technol., Carbon, Poly. Deg. Stab., Mater. Chem. Phy., Nanoscale Res. Lett., J. Macromol. Polym. Sci., Prog. Org. Coat. |
| 17. | Mridula Phukan | Development of green methodologies for selected organic reactions using solventless techniques or aqueous medium as green solvent | 01-Jul-11 | Organic Chemistry: An Indian Journal (1); Syn. Commun.(3); Green Chemistry Letter and Review,(2); Bulletin of Catalysis Society of India (1) |

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| 18. | Binod Pokhrel | Preparation of π -conjugated polymers and evaluation of their photovoltaic properties | 01-Jul-11 | J. Polym. Mater, Materials and Manufacturing Processes, J. Electron. Mater., Thin Solid Films, J. Appl. Polym. Sci., Int. J. Polym. Mater., |
| 19. | Muhsina Kafiah Huda | Development of electroactive polymers and their application in electroluminescent devices | 01-Jul-11 | Journal of Luminescence, J. Appl. Polym. Sci, Iranian Polymer Journal, Polymer Bulletin |
| 20. | Pubalee Sarmah | Quantum Chemical Structure-Reactivity Studies of Anticancer Drug Molecules and an Insight into Drug-DNA interaction | 01-Jul-11 | Int. J. Quantum Chem., Mol. Simul., J. Com-Aid. Mol. Des., J. Mol. Struct: THEOCHEM, J. Mol. Model., Chem. Phys. Lett., Chemical Biology & Drug Design, |
| 21. | Anamika Dutta | Studies on the interaction of metal and semiconductor nanoparticles with polymers. | 01-Nov-11 | J. App. Surf. Sci, Journal of Physics and Chemistry of Solids, (comm.) |
| 22. | Lakhya Jyoti Borthakur | Development of Core-shell Latex Particles by Emulsion Polymerization | 01-Nov-11 | Mat. Chem. Phys., J. Coating Tech., J. Material Sci.; Materials in electronics, J. Polym. Res, |
| 23. | Suresh Kumar Nath | Development of de-fluoridation methods for water by enhancement of calcium ion activity in filter bed or column of lime materials. | 01-Nov-11 | Clean Air Water Soil, J. Fluorine Chem, Indian J. Chem Tech, Process Safety Env Prot |
| 24. | Uday Konwar | Development of Polyester Nanocomposites | 01-Nov-11 | J. Appl. Poly.Sci.(2), Adv. Sci. Lett., Prog. Org. Coat. (2), Polym. J., Int. J. Polym. Mater., Poly. Environ., Poly. Plastics, Technol. Eng., Poly. Deg. Stab. |
| 25. | Isha Ruhulla Kamrupi | Emulsion Polymerization of Styrene and Synthesis of Polystyrene Nanocomposites in Supercritical Carbon Dioxide Medium | 01-Nov-11 | J. Polym. Mater., Materials and Manufacturing Processes, Journal of Experimental Nanoscience, Journal of Applied Polymer Science, Journal of Supercritical Fluids, Journal of Composite Materials, Advances in Polymer Technology, Materials and Manufacturing Processes, International Journal of Chemical Reactor Engineering, |

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| | | | | Polymer Bulletin |
| 26. | Subrata Das | Synthesis, Structure and Bioactivity of Pyrimidine Derivatives and Development of Some Synthetic Methods. | 09-Jan-12 | RSC Advances, European J. Chemistry, J. Molecular Structure, Synlett, Acta Cryst. E, Green Chem Lett. And Reviews, Synthetic Communication, J. of Chemical crystallography |
| 27. | Surajit Konwer | Studies on Carbon Filled π -Conjugated Polymers and Their Applications. | 09-Jan-12 | J. Appl. Polym. Sci., Materials Chemistry and Physics, J Mater Sci: Mater Electron, Material Chemistry and Physics, J. Electronic Materials, J. Mat. Sci. Mat. Elect., JMSE. Mat. Elect, Carbon (comm.) |
| 28. | Gautam Das | Vegetable Oil Based Epoxy Nanocomposites and Their Applications | 10-Jul-12 | Int.J.Poly.Mater., J. Haz. Mater., Adv. Sci. Lett., J. Vinyl Add. Technol., J. Appl. Poly. Sci.(2), Prog. Org. Coat(2), Polym. Deg. Stab., RSC Adv. |
| 29. | Kalyan Jyoti Borah | Development of Newer Methods for the Synthesis of Some Building Blocks of Bioactive Molecules | 10-Jul-12 | Syn. Commu.(3); Journal of Chemical Sciences(1); Bulletin of the Korean Chemical Society(1); Monatshefte fur-Chemie-Chemical Monthly, (1) Beilstein Journal of Organic Chemistry,(1); Synlett (1); Molecular Diversity(1); Green Chemistry Letter and Review,(1) |
| 30. | Biplab Kr. Deka | Wood Polymer Nanocomposite Based on Non Conventional Plant Material and Nanofillers | 15-Jan-13 | Compos. Sci. Technol., Composites Part A, Composites Part A, Polym. Bull., Polym. Renew. Res., J. Reinf. Plast. Compos., J. Appl. Polym. Sci., Polym. Bull., Polym. Eng. Sci., Ind. Eng. Chem. Res., J. Thermoplast. Compos. Mater. |

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| 31. | Siva Prasad Das | Synthesis and Studies on Peroxotungsten(VI) Compounds Bound to Macromolecules. Towards Development of Bio-Relevant Complexes and Active Oxidation Catalysts | 15-Jan-13 | Polyhedron, RSC Advances, Journal of Molecular Catalysis A: Chemical, Tetrahedron Letters, Proceeding of Andhra Pradesh Akademi of Science |
| 32. | Bhabesh Nath | A Study on Multi Objective Association Rule Mining. | 11-Feb-10 | 1. Information Sciences, Elsevier 2. IJITKM, serials publications 3. IJCSC, serials publications 4. IJIIP, Humanpub |
| 33. | Bonomali Khuntia | Microstrip Antenna Design Using Genetic Algorithms Coupled with Artificial Neural Networks. | 16-Dec-10 | Microwave and Optical Technology Letters Volume 44, Issue 2, 20 January 2005, Pages: 144-146, Article first published online : 7 DEC 2004, DOI: 10.1002/mop.20570 |
| 34. | Sarat Saharia | Recognition of Printed Assamese Characters using Orthogonal Moments | 16-Dec-10 | None (During that period journal publication was not mandatory for awarding Ph.D. Degree. Submitted on 29-Dec-2009) |
| 35. | Rosy Das | Coherent Gene Expression Pattern Finding Using Clustering Approaches. | 01-Nov-11 | International Journal of Bioinformatics Research and Applications, International Journal of Recent Trends in Engineering, International Journal of Computational BioScience , International Journal of Data Mining, Modeling and Management, Journal of Assam Science Society |
| 36. | Sauravjyoti Sarmah | Intrinsic Pattern Identification Using Clustering Technique. | 01-Nov-11 | International Journal of Computer Science Issues (IJCSI), International Journal of Electrical and Computer Engineering, Journal of Pattern Recognition Letters |
| 37. | Subhajit Ghosh | Optimizer Augmented Clustering: A Study Over Iterative k-Means | 15-Jan-13 | 1. Lingayas Journal of Professional Studies, Vol. 2, No. 2, Jan 2009-June 2009, Pg 1-8, ISSN 0975-539X 2. Under review: CSI Journal of Computing (www.csijournal.org) |
| 38. | Manashi Borah | Culture Change in a Tribal Society : A Study on the Plain Tiwas of Assam. | 11-Feb-10 | 1. Asam Sahitya Sabha Patrika, a Research and Literary Journal of Asam Sahitya Sabha, 59 th Year: Issue: II, in October, 2003. 2. Journal of the Assam Research Society, VOL. XXXVIII, NOS. 1 & 2, 2001-2003, in 2007. 3. Indian Folklife, a Quarterly Newsletter from National Folklore Support Centre (NFSC), Serial No. 31 ISSN 0972-6470 in November, 2008. |

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| 39. | Renu | The Role of Folklore in Culturally Relevant Pedagogy. | 09-Jan-12 | <ol style="list-style-type: none"> 1. Contemporary Discourse: a peer reviewed International Journal, (ISSN-0976-3886) Vol.2 Issue I, January 2011. 2. PROTOCOL, a peer reviewed journal (Vol.IV, ISSN-0973-9807) No 182. Issue XC. 2010 |
| 40. | Mandakini Baruah | Construction of Womanhood : A Study with Special Reference to Assamese Proverbs | 14-Mar-12 | <ol style="list-style-type: none"> 1. Labyrinth, an <i>International Peer-reviewed Journal of Post Modern Studies (0976-0814)</i> edited by Dr. Lata Mishra in Oct., 2012. 2. <i>International Journal Contemporary Discourse, A Peer Reviewed International Journal (ISSN 0976-3686)</i> edited by Sudhir Nikam and Madhavi Nikam in the year 2011. This is a joint publication with Dr. Debarshi Prasad Nath, Head and Associate Professor, Dept. of Cultural Studies. 3. Annual Journal of SETU (Society for Education, Tradition and Unity) in 2009. 4. In the book <i>Tribes of North-East India, Issues and Challenges</i> edited by Birichi Kumar Medhi, R.P.Athparia, K.Jose SVD and published by Omsons Publications, New Delhi in the year 2009. 5. Bulletin Indian Folklife published by NFSC (National Folklore Support Centre) in 2008. |
| 41. | Madhurima Goswami | Kherai of the Bodos: A Ritual in Transition | 10-Jul-12 | <ol style="list-style-type: none"> 1. International Journal of physical and Social sciences, (a peer reviewed journal) ISSN no.2249-5984, Jan 2013. 2. Indian Journal of Applied Research(a peer reviewed journal) ISSN:2319-1899,vol.,No.3, Nov 2012. 3. Journal of Social Sciences, (a peer reviewed journal)ISSN :no.2319-5614 Oct 2012. 4. Journal of Research , Extension and Development, ISSN. 2249-555X, vol. 2 Issue: 3 5. Role of Women in the Socio-Economic Upliftment of Assam. ISBN -978-81-7213. 6. Tribes of North- East India: Issues and Challenges, ISBN, 978-81-90-7205-2-6. |

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| 42. | Narayan Chandra Sarcar | Modeling and Control Using Delta Domain Technique and its Application in Biomedical Digital Filters. | 11-Feb-10 | International Journal of Modelling and Simulation, ISSN 0228-6203,2010, Vol 30, NO.4, 2010,pp 434-444 |
| 43. | Santanu Sharma | Modeling and Simulation of Nanobioelectronic Device - The Cylindrical Ion Sensitive Field Effect Transistor. | 11-Feb-10 | 1. Canadian Journal on Electrical and Electronics Engineering Vol. 2, No. 1, January 2011. 2. Journal of The Institution of Engineers(India), Vol 88, July27,2007 |
| 44. | Soumik Roy | Modeling and Simulation of Artificial Synapses. | 09-Jan-12 | 1. American. J. Biomed. Sci. March 2011, ISSN:1937-9080, DOI:10.5099/aj110300176 2. Canadian Jr. on Biomedical Engineering & Technology Vol. 1, No. 2 March 2010, ISSN: 1923-1644. Vol. 1, No. 3, June 2010, ISSN: 1923-1644. 3. IE(I) Journal-ET, Vol 88, July27,2007 |
| 45. | Tapan Kumar Gogoi | Numerical Simulation and Exergy Analysis of CI Engine Operations Using Biodiesel Blends. | 09-Jan-12 | 1. Applied Energy (Elsevier); 2. Energy (Elsevier); 3. Journal of Energy Technology and Policy (Inderscience) |
| 46. | Pranab Jyoti Lahkar | Thermal Performance Parameters of Solar Cookers: A Study Leading to Generalization | 14-Mar-12 | 1. Renewable and Sustainable Energy Review (Elsevier); 2. Applied Energy(Elsevier); 3. SESI-Journal(Solar Energy Society of India) |
| 47. | Biswanath Sahoo | Effect of Formation Water Disposal on Ground Water in the Oilfields of Dibrugarh and Tinsukia Districts of Assam | 10-Jul-12 | International Journal of Applied Sciences and Biotechnology |
| 48. | Prasenjit Saikia | Indoor Air Pollution From Firewood Combustion in Rural Kitchens of North East India with Special Reference to Sonitpur District, Assam | 10-Jul-12 | 1. Energy Sources, Part A: Recovery, Utilization & Environmental Effects (2 nos.). 2. Atmospheric Research (1 no., Accepted) |
| 49. | Samrat Paul | Synthesis of Carbon Nanotubes from Plant Based Precursors and Their Application in Organic Photovoltaic Cells and Bio-Diesel Storage | 15-Jan-13 | 1. Colloids and surfaces B (Elsevier); 2. Journal of Magnetism and Magnetic Materials (Elsevier); 3. Solar Energy Materials and Solar Cells (Elsevier); 4. New Carbon Materials (Elsevier) |
| 50. | Maumita Chakraborty | Production, Characterization and Testing of Biodiesel from <i>Terminalia belerica</i> R. and <i>Sapindus mukorossi</i> G. Oil Seeds Available in North East India | 15-Jan-13 | 1. Fuel Processing Technology (Elsevier) |

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| 51. | Sanjib Sahoo | A Critical Study of Domestic Servants in Indian Fiction in English. | 11-Feb-10 | Nil |
| 52. | Swapnalee Kakaty | Articulation of Female Desire in Aritha Van Herk's Novels | 06-Jul-10 | Nil |
| 53. | Jonali Sharma Hazarika | The Image of the Fallen Woman in the Modern Indian Novel: A Study of Select English and Assamese Texts | 14-Mar-12 | "Terror of Survival-A Reading of Homen Bargohain's <i>Subala</i> ". <i>Labyrinth: International Refereed Journal of Post Modern Studies</i> . January, 2011, pp 18-26. ISBN :0976-0814. |
| 54. | Mamun Azam Barbhuiya | The Use of CALL in Teaching English with Special Reference to the Development of Writing Skills in the Polytechnics of Assam | 14-Mar-12 | 1. Spark International Online Journal: Vol 1, Issue 2, August, 2009, pp.86-103 http://sparkejournal.com ISSN 0975-7929. 2. The Journal of English Language Teaching [India] Vol 46/2, 2008, Pp.40-45. ISSN 0973-5208. |
| 55. | Jugendra Pegu | Dialectal Variations in Mising and the Interference of Dominant Languages | 10-Jul-12 | 1. North East Indian Linguistics (NEILS) Volume 3. Eds: G.Hyslop, S.Morey and M.Post. New Delhi, 2. Foundation Books-Cambridge University Press. ISBN 9788175967939 |
| 56. | Lucky Dey | Argument Selection in Sadani/Sadri as Spoken in Assam | 15-Jan-13 | 1. North East Indian Linguistics (NEILS) Volume 4. Eds. G.Hyslop, S.Morey and M. Post. New Delhi, 2. Foundation books-Cambridge University Press. ISBN 9788175969308 |
| 57. | Boby Gogoi | Estimation of Nitrous Oxide Emission from Rice-Wheat Cropping System of Assam | 10-Jul-12 | 1. Agronomy for sustainable development 2. Physiology and Molecular biology of plants 3. Pedosphere |
| 58. | Dipak Kumar Sarma | Studies on the Wetlands of Kaziranga National Park with Special Reference to Few Selected Limnological Parameters for Sustainable Management | 15-Jan-13 | 1. Ecotoxicology and Environmental Monitoring |
| 59. | Ritusmita Goswami | Arsenic in the Groundwater of Majuli - The Largest River Island of the Brahmaputra: Prevalence, Exposure Impacts and Removal Using A Novel Nano Adsorbent | 15-Jan-13 | 1. International Journal of ChemTech Research 2. Journal of Environmental Research and Development 3. Separation Science & Technology 4. International Journal of Nano Science |
| 60. | Surobhi Deka | Statistical Modeling of Rainfall Character of North-East India | 16-Dec-10 | 1. Theoretical and Applied Climatology 2. Journal of Applied and natural Sciences 3. European water |

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| | | | | 4. Mausam |
| 61. | Santanu Dutta | Smooth Bootstrap Estimation of Some Local and Global Measures of Accuracy of Kernel Density Estimators | 01-Jul-11 | 1. Journal of Statistical Planning and Inference 2. Statistics and Probability Letters |
| 62. | Dipak Kumar Mitra | A study on some generalized uniform structures in L-topology | 01-Jul-11 | 1. Journal of Fuzzy Mathematics 2. Annals of Fuzzy Mathematics and Informatics 3. Journal of Indian Academy of Mathematics 4. International Mathematical Forum |
| 63. | Bhesh Raj Powdel | A Statistical Study on the Nucleotide Composition of Bacterial Chromosomes | 01-Jul-11 | 1. DNA Research 2. Genes to Cells |
| 64. | Abhijit Bhuyan | A Statistical Study on Flood Frequency Analysis of North-East India | 01-Jul-11 | 1. Journal of Statistics and Applications 2. Journal of Applied and Natural Science 3. Journal of Modern Applied Statistical Method 4. Journal of Applied Hydrology 5. Water Resource Management 6. Statistical Modeling 7. Assam Statistical Reviews |
| 65. | Sanjeev Kumar Singh | An Empirical Study on Evolutionary Algorithms. | 01-Nov-11 | 1. International Journal of Computational Intelligence Research 2. Global Journal of Pure and Applied Mathematics 3. International Journal of Computation and Applied Mathematics 4. International Journal of Mathematical Modeling Simulation and Application |
| 66. | Bipul Kumar Sarmah | Contributions to Partition Identities and Sums of Polygonal Numbers by Using Ramanujan's Theta Functions | 10-Jul-12 | 1. International Journal of Number Theory 1. Discrete Mathematics 2. Integers |
| 67. | Ajanta Nath | Development Disparities Among the Districts of Assam | 15-Jan-13 | 1. International Journal of Multidisciplinary Research and Advances in Engineering 2. Indian Journal of Social Development 3. Journal of Indian Society of Agricultural Statistics |
| 68. | Tazuddin Ahmed | Finite Element Methods for Interface Problems | 15-Jan-13 | 1. Numerical Functional Analysis and Optimization 2. Numerical Method for PDE 3. Indian Journal of Pure and Applied Mathematics. |

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|-----|------------------------|--|-----------|---|
| 69. | Chumchum Doloi | Some Cascade Models in the Theory of Reliability | 15-Jan-13 | <ol style="list-style-type: none"> 1. IAPQR Transactions (2 papers) 2. Journal of Statistics and Applications 3. International Journal of Statistics and Systems 4. Journal of Informatics and Mathematical Sciences 5. International Journal of Statistics and Analysis |
| 70. | Ambeswar Phukon | Hyponormality of Trigonometric Toeplitz Operators on Hilbert Spaces of Analytic Functions | 15-Jan-13 | <ol style="list-style-type: none"> 1. Bulletin of Korean Math Society 2. International Journal of Mathematical Analysis 3. Communications in Mathematics and Applications 4. Advances in Theoretical and Applied Mathematics |
| 71. | Jonali Gogoi | Studies of Some Stress-Strength Models in the Interference Theory of Reliability | 15-Jan-13 | <ol style="list-style-type: none"> 1. IAPQR Transactions 2. International Journal of Statistics and Analysis 3. Journal of Informatics and Mathematical Sciences 4. Journal of Statistics and Applications 5. Applications of Reliability Theory and Survival Analysis 6. OPSEARCH 7. Journal of Indian Statistical Association 8. Journal of Reliability and Statistical Studies |
| 72. | Khanindra Ratna Barman | Biochemical and Molecular Genetic Assessment of Yeast Strains used by Certain Tribal Communities of Assam in Alcohol Production. | 06-Jul-10 | <ol style="list-style-type: none"> 1. National Seminar on value Addition to Bioresources of N.E. India, Post harvest Technology and Cold Chain, organized by Department of Botany, Guahati University and ASTEC, Guwahati, on 19-21 May, 2006. 2. National Seminar on Biochemical and Biotechnological Research Approaches for Bio-resource Management of North east India towards Sustainable Rural Development organized by B N College of Agriculture, AAU, Biswanath Chariali, Assam on 11-12 Nov 2011. |

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|-----|---------------------|---|-----------|--|
| 73. | Sudhir Kumar Rai | Production, isolation and characterization of microbial alkaline protease and their industrial applications | 01-Jul-11 | <ol style="list-style-type: none"> 1. Biochimie 94, 1300-1308 (Published by Elsevier Science). 2. Journal of Hazardous Materials 209-210, 434-442(Published by Elsevier Science). 3. International Journal of Biological Macromolecules 50, 219-229 (Published by Elsevier Science). 4. International Biodeterioration & Biodegradation 65, 1229-1237(Published byElsevier Science). 5. Biochemical Engineering Journa l54, 47-56 (Published by Elsevier Science). 6. New Biotechnology 28, 182-189 (Published by Elsevier Science). 7. Biotechnology and Bioprocess Engineering 15, 984-992 8. Biochemical Engineering Journal 48, 173-180 (Published by Elsevier Science). 9. Applied Microbiology and Biotechnology 85, 1437-1450 (Published by Springer-Verlag). 10. Biochemical Engineering Journal 45, 218-225 (Published by Elsevier Science). 11. Nanotechnology Journal, 20, 225107 12. Bioresource Technology 100, 2642-2645 (Published by Elsevier Science) 13. Biochemical Engineering Journal 43, 149-156 (Published by Elsevier Science). 14. Biochemical Engineering Journal 39, 353-361 (Published by Elsevier Science). |
| 74. | Jyoti Prasad Saikia | Molecular and Biochemical Characterization of Four <i>Araceae</i> Species. | 09-Jan-12 | <ol style="list-style-type: none"> 1. International Journal of Food Properties, 2. Colloids and Surfaces B: Biointerfaces, 3. Journal of Root Crops, 4. IIOAB Journal, 5. Nanotechnology, 6. Journal of Polymer and environment, 7. Bioresource Technology, 8. Journal of Magnetism and Magnetic Materials, |

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|-----|-----------------------------|--|-----------|---|
| 75. | Sonia Devi Lourembam | Protective Immune Response in <i>Plasmodium falciparum</i> Malaria - A Molecular Immunoepidemiological Study | 15-Jan-13 | <ol style="list-style-type: none"> 1. Vaccine, 30 (4), 767-773, 2012. (Impact factor - 3.7) 2. Infection Genetics and Evaluation, 11 (8), 1921-1928, 2011. (Impact factor - 3.128) 3. Innate Immunity, 19 (2), 174-183, 2012. (Impact factor - 4.0) 4. (In Press, Tissue Antigens: Impact factor - 2.588). 5. Infection, Genetics and Evolution, 9, 853-859, 2009. (Impact factor - 3.128) 6. Lourembam, S.D., Sawian, C.E., Baruah, S., Dysregulation of cytokines expression in complicated falciparum malaria with increased TGF-beta and IFN-gamma and decreased IL-2 and IL-12, 2012 (in revision, Cytokine: Impact factor - 3.171). |
| 76. | Sanjeev Kumar Bhattacharyya | Studies of Crustal Deformation and Weather System through Synthesis of GPS Measurements and Meteorological Data over NE Region | 16-Dec-10 | Journal of the Geological Society of India |
| 77. | Ranjit Baishya | Studies on Solution of Evolution Equations for Unpolarized and Polarized Hadron Structure Functions | 01-Jul-11 | Indian J. Phys., Euro. Phys., Pramana J. Phys |
| 78. | Upamanyu Das | Development of Binary Semiconductor Elongated Nanopatterns by Energetic Ion irradiation/Photon illumination for Optoelectronics/Photonics Applications | 01-Jul-11 | Indian J. Phys., Euro. Phys. J: Appl. Phys., Phys. Stat. Sol. A |
| 79. | Nabanita Dutta | Optical Properties of Semiconductor Quantum dots, Interacting Quantum dots and Nanomaterial filled SHI induced Ion tracks | 01-Jul-11 | Journal of Optics, |

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|-----|-------------------|---|-----------|---|
| 80. | Swati Baruah | A Study of Low Frequency Drift Mode and Coulomb Solid Formation in Complex Plasma | 01-Nov-11 | Physics of Plasmas(AIP), AIP Advances, Physica Scripta, J. Plasmas Phys., Assam Sc. Society Journal |
| 81. | Ajanta Deka | Density Functional Studies on Structural and Electronic Properties of Bare and Supported Gold Nanoclusters. | 09-Jan-12 | Bulletin of Materials Science |
| 82. | Ankur Gogoi | Characterization of Small Particulate Matter by Using an Indigenously Designed Laser Based Probe and Development of Relevant Software. | 09-Jan-12 | Indian J. Phys., Journal of Laser and Optical Science, Quantitative Spectroscopy and Radiative Transfer |
| 83. | Smritimala Sarmah | Development of Conducting Polymer Based Nanocomposites for Multifunctional Applications and Swift Heavy Ion Irradiation Studies. | 09-Jan-12 | Bulletin of Materials Science, Rad. Eff. Def. Sol., Phys. Stat. Sol. A, Intl. J. Nanotechnology and Applications |
| 84. | Subasit Borah | Study of Microstrip Transmission Line and Adaptable Radial Stub Resonator on Nickel Substituted Cobalt Ferrite/LDPE Nanocomposite as Magneto-Dielectric Substrate at X - Band | 10-Jul-12 | Composites Part B: Engineering, V, PIERS, |
| 85. | Sanchita Roy | Application of Light Scattering and Computational Techniques for Investigation of Morphological Properties of Small Particles Using a Designed and Fabricated Laser Based Setup | 10-Jul-12 | Journal of Laser and Optical Science, Journal of Quantitative Spectroscopy & Radiative Transfer, Journal of Optics, |
| 86. | Somik Banerjee | Synthesis, Swift Heavy Ion Irradiation and Characterization of Conducting Polymer Based Nanostructured Materials for Biomedical and Sensor Applications | 15-Jan-13 | J. non-crystalline solids, Sensors and Actuators, Intl. J. Nanoscience , Nanotechnology |

Part 2 : Data on Ph.D. programme

4. Please submit year-wise list of Ph.D. students enrolled in the University along with the name of the scholar, name of the programme, department, title of research, name and academic qualification of the research supervisor and the employment details of the research supervisor (guide) for the last three academic years i.e. 2010-11, 2011-12 and 2012-13. (Provide informatiojn separately year-wise in the following format)

2010 - 11

List of Students Admitted to the Ph.D. programme in the Autumn Semester, 2010 (August, 2010)

| S/N | Name of students | Progr amme | Department | Title / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad- hoc/ visiting faculty |
|-----|-----------------------|---------------|---|---|---|--|
| 1. | Somnath Paul | Ph.D. | Mathematical Sciences | A Study on the Distance Matrix and the Distance Spectral Radius of a Graph. | Dr. M. Nath Ph.D. | Permanent |
| 2. | Surya Sekhar Bose | Ph.D | Mathematical Sciences | A Study of the Spectra of Matrices Associated with Graphs. | Dr. M. Nath Ph.D. | Permanent |
| 3. | * Debahuti Goswami | Ph.D | Molecular Biology & Biotechnology | | | |
| 4. | Sourav Majumdar | Ph.D | Molecular Biology & Biotechnology | Studies on Bacterial Fibrinolytic Enzymes and Their Pharmacological Applications. | Prof. A.K. Mukherjee Ph.D. | Permanent |
| 5. | Diganta Das | Ph.D | Molecular Biology & Biotechnology | Isolation of a Three- finger Toxin from Cobra Venom and its Biochemical, Pharmacological and Structural Characterization. | Dr. R. Doley Ph.D. | Permanent |
| 6. | Priyanka Basyach | Ph.D | Physics | Synthesis of Core-shell Nanostructures and Their Scope in Fabrication of Photovoltaic Devices. | Prof. A. Choudhury Ph.D. | Permanent |
| 7. | Deepak Kumar Jha | Ph.D | Physics | Studies on Hybrid Nanosystems for Multimodal Biomedical Applications. | Dr. P. Deb Ph.D. | Permanent |
| 8. | * Kundan Baruah | Ph.D | Chemical Sciences | | | |

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|-----|-------------------------|-------|--------------------------------|--|--------------------------------|-----------|
| 9. | Chandramika Bora | Ph.D | Chemical Sciences | Graphene/ Graphene Oxide Based Polymer Nanocomposites and its applications. | Prof. S.K. Dolui Ph.D. | Permanent |
| 10. | Hasin Afzal Ahmed | Ph.D | Computer Science & Engineering | Towards Incorporation of Knowledge in Gene Expression Data Analysis. | Prof. D.K. Bhattacharyya Ph.D. | Permanent |
| 11. | Priyakshi Mahanta | Ph.D | Computer Science & Engineering | Construction and Validation of Computational Biological Networks. | Prof. D.K. Bhattacharyya Ph.D. | Permanent |
| 12. | * Jameson Mushahary | Ph.D | Computer Science & Engineering | | | Permanent |
| 13. | Manashi Das Purkayastha | Ph.D. | Food Engineering & Technology | Study on the Preparation and Functional Properties of Rapeseed Protein Isolate/Concentrate and its Chemically Modified Form. | Prof. C.L. Mahanta Ph.D. | Permanent |
| 14. | Kanwaki Patwari | Ph.D | Food Engineering & Technology | Characterization of Napin Protein in Rapeseed Meal and its Hydrolysates for Functional Properties. | Prof. C.L. Mahanta Ph.D. | Permanent |
| 15. | * Dikshita Saikia | Ph.D | Energy | | | |
| 16. | Kailash Sarma | Ph.D | English & Foreign Languages | Tense and Aspect in Assamese. | Dr. G.K. Bora Ph.D. | Permanent |
| 17. | Minakshi Dutta | Ph.D | Cultural Studies | The Assamese Middle Class in Bhabendra Nath Saikia's Films: An Analytical Study. | Dr. P.Dutta Ph.D. | Permanent |
| 18. | Arani Saikia | Ph.D | Cultural Studies | Life and Culture of Assam as Reflected in the Nineteenth Century Life Writings. | Prof. P.J. Mahanta Ph.D. | Permanent |
| 19. | Sazzad Hussain | Ph.D | Cultural Studies | The Evolution of Cultural Practices of Assamese Muslims: A Critical Study from a Historical Perspective. | Prof. S.K. Dutta Ph.D. | Permanent |
| 20. | * Malamani Das | Ph.D | Cultural Studies | | | |
| 21. | Julee Duwarah | Ph.D | Cultural Studies | Cultural Diversity vis-a-vis Formation of Identity of Tea Community of Assam with Special Reference to Sivasagar | Dr. J. Gogoi Konwar Ph.D. | Permanent |

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| | | | | and Dibrugarh District. | | |
| 22. | Rwisumwi Brahma | Ph.D | Cultural Studies | Ethnicity and Expressive Behaviour of the Boros. | Dr. J. Gogoi Konwar Ph.D. | Permanent |
| 23. | Jadabendra Borah | Ph.D | Cultural Studies | Representation of Tribal Life of Assam in Assamese Novels by Non-Tribal Writers: A Study. | Prof. P.J. Mahanta Ph.D. | Permanent |
| 24. | Jayanta Vishnu Das | Ph.D | Cultural Studies | Emergent Media and the Social, Cultural and Political Environment: The Interface in Assam. | Dr. P. Dutta Ph.D. | Permanent |
| 25. | Prarthana Barua | Ph.D. | Sociology | Social Organization of Small Tea Plantations of Assam: A Case Study in Sonitpur District. | Prof. C. K. Sarua Ph.D. | Permanent |
| 26. | * Partha Pratim Borah | Ph.D | Sociology | | | |
| 27. | + Anjuman Borah | Ph.D | Mass Communication & Journalism | | | Not yet fixed |
| 28. | Bala Lakhendra | Ph.D | Mass Communication & Journalism | Community Radio in India : A Study of its Effectiveness and Community Participation | Dr. A. Borah Ph.D. | Permanent |
| 29. | Kapou Malakar | Ph.D | Mass Communication & Journalism | Effect of Mobile Phone Uses in Households - A Case Study on the Problems and Prospects of Rural/Urban Development in Sonitpur District. | HoD, MCJ (caretaker supervisor) Ph.D. | Permanent |
| 30. | Perosh Jimmy Daimari | Ph.D | Mass Communication & Journalism | Sports in Film: A Study on the Portrayal of Social Issues in Bollywood Sports Film, Exploring the Indian Societal Context. | Dr. A. Borah Ph.D. | Permanent |
| 31. | Lakhimi Phukon | Ph.D | Business Administration | Impact of School Environment on Creativity: A Study of Select Schools of Assam. | Prof.(Ms.) C. Goswami Ph.D. | Permanent |
| 32. | Tamanna Bavishi | Ph.D | Business Administration | Repurchase Intention of Dissatisfied Customers in Service: A Study in the Indian Telecom Sector. | Prof. M.K. Sarm Ph.D. | Permanent |
| 33. | Sayanika Deka Sarua | Ph.D | Business Administration | Influence of Culture in Service Encounter: A Study in Assam. | Prof. M.K. Sarua Ph.D. | Permanent |

List of Students Admitted to the Ph.D. programme in the Spring Semester 2011 (January, 2011)

| S. N. | Name of students | Program me | Department | Title / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad-hoc/ visiting faculty |
|-------|----------------------|------------|-----------------------------------|--|---|--|
| 1. | Porinita Dutta | Ph.D. | Mathematical Sciences | A Study on Mixture of Certain Discrete Probability Distributions. | Prof. M. Borah Ph.D. | Permanent |
| 2. | * Preeti Deka | Ph.D. | Mathematical Sciences | | | |
| 3. | Gautam Kalita | Ph.D. | Mathematical Sciences | Certain Families of Algebraic Curves, Polynomials, and Their Connections to Hypergeometric Functions | Dr. R. Barman Ph.D. | Permanent |
| 4. | Kuwali Das | Ph.D. | Mathematical Sciences | Studies on Ramanujan's theories of theta functions and modular equations with applications to partitions and other related topics in number theory. | Prof. N.D. Baruah Ph.D. | Permanent |
| 5. | * Tuhin Banerjee | Ph.D. | Molecular Biology & Biotechnology | | | |
| 6. | Rajeev Kungur Brahma | Ph.D. | Molecular Biology & Biotechnology | Biochemical and Pharmacological Characterization of an Anti-coagulant Protein from the Salivary Gland of Cattle Tick and Understanding its Salivary Gland Transcriptome. | Dr. R. Doley Ph.D. | Permanent |
| 7. | Maitreyee Sharma | Ph.D. | Molecular Biology & Biotechnology | Isolation and Characterization of Major Toxin from the Venom of <i>Daboia russelli</i> . | Dr. R. Doley Ph.D. | Permanent |
| 8. | Ajay Kumar Manhar | Ph.D. | Molecular Biology & Biotechnology | Molecular Identification of Dominant Micro Flora and Nutritional Characteristics of Some Traditional Fermented Foods of Assam and Arunachal Pradesh, India. | Dr. M. Mandal Ph.D. | Permanent |
| 9. | Yasir Bashir | Ph.D. | Molecular Biology & Biotechnology | Metagenomics in the Production of Industrially Important Cellulase. | Prof. B.K. Konwar Ph.D. | Permanent |
| 10. | * Vivek Pandey | Ph.D. | Molecular Biology & Biotechnology | | | |
| 11. | Nibedita Paul | Ph.D. | Physics | Nanoscale Rare-Earth Oxides and Rare-Earth Doped Semiconductor Oxides: Synthesis and | Dr. D. Mohanta Ph.D. | Permanent |

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| | | | | Application in Rheology and Photonics. | | |
| 12. | Runjun Sarma | Ph.D. | Physics | Synthesis, Characterization and Functionalization of Semiconductor Nanoscale Structures and Application in Electrophysiology. | Dr. D. Mohanta Ph.D. | Permanent |
| 13. | Sumana Goswami | Ph.D. | Physics | In-Depth Stress Analysis in Indo-Myanmar-Andaman-Sumatra Subduction Zone and its Kinematic Implications. | Prof. A. Kumar Ph.D. | Permanent |
| 14. | Manjit Borah | Ph.D. | Physics | Fabrication and Interrelated Optical and Electrical Properties of Rare-Earth Doped Perovskite-Based Ferroelectric Nanostructured Systems. | Dr. D. Mohanta Ph.D. | Permanent |
| 15. | Susmita Paul | Ph.D. | Physics | Effect of Doping on Oxide Based Semiconductor Nanostructures and Their Possible Photocatalytic Activity. | Prof. A. Choudhury Ph.D. | Permanent |
| 16. | Shaswat Barua | Ph.D. | Chemical Sciences | Hyperbranched Epoxy Nanocomposites for Biomedical Applications. | Prof. N. Karak Ph.D. | Permanent |
| 17. | Beauty Das | Ph.D. | Chemical Sciences | Biodegradable Hyperbranched Polyurethane Nanocomposites for Biomedical Application. | Prof. N. Karak Ph.D. | Permanent |
| 18. | Sujata Pramanik | Ph.D. | Chemical Sciences | Vegetable Oil Based Hyperbranched Poly(Ester Amide) Nanocomposites. | Prof. N. Karak Ph.D. | Permanent |
| 19. | Rekha Rani Dutta | Ph.D. | Chemical Sciences | Conducting Polymer Based Electrochemical Biosensors for Organophosphorous and Organocarbamate Pesticides. | Dr. P. Pujari Ph.D. | Permanent |
| 20. | Sweetey Gogoi | Ph.D. | Chemical Sciences | A Study on Removal of Fluoride From Contaminated Water. | Prof. R.K. Dutta Ph.D. | Permanent |
| 21. | Ankita Hazarika | Ph.D. | Chemical Sciences | Modification and Properties Evaluation of Soft Wood by Monomer and Nanofillers. | Prof. T.K. Maji Ph.D. | Permanent |
| 22. | Parishmita Sarma | Ph.D. | Chemical Sciences | One Pot Synthesis of Nitrogen Heterocycles and Amino Group Containing Compounds. | Dr. R. Bora Ph.D. | Permanent |
| 23. | Iftikar Hussain | Ph.D. | Chemical Sciences | Density Functional Theory Investigation on the Anticancer Activity of Some Newly Developed Metal Based Bioactive | Prof. R.C. Deka Ph.D. | Permanent |

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| | | | | Molecules. | | |
| 24. | Hemjyoti Kalita | Ph.D. | Chemical Sciences | Hyperbranched Polyurethane Nanocomposites as Shape Memory Materials. | Prof. N. Karak Ph.D. | Permanent |
| 25. | Sanchaita Rajkhowa | Ph.D. | Chemical Sciences | Antimalarial and Antitubercular Activities of Some Natural Products and Their Synthetic Derivatives: A Molecular Modeling Approach. | Prof. R.C. Deka Ph.D. | Permanent |
| 26. | Chinmayee Saikia | Ph.D. | Chemical Sciences | Development of Polymer Nanocomposite for Targeted Drug Delivery. | Prof. T.K. Maji Ph.D. | Permanent |
| 27. | Pronob Gogoi | Ph.D. | Chemical Sciences | Development of <i>Jatropha curcas</i> Oil Based Alkyd Resins for Effective Surface Coating and Composite Materials. | Prof. S.K. Dolui Ph.D. | Permanent |
| 28. | Dhaneswar Das | Ph.D. | Chemical Sciences | Development of Core-Shell Particles Based on Metal/Semiconductor/ Polymer and Their Applications. | Prof. S.K. Dolui Ph.D. | Permanent |
| 29. | * Prem Kumar Singh | Ph.D. | Computer Science & Engineering | | | |
| 30. | Debojit Boro | Ph.D. | Computer Science & Engineering | DDoS Attack Detection Based on Ensemble Approach. | Prof. D.K. Bhattacharyya Ph.D. | Permanent |
| 31. | Manoj Kumar Muchahari | Ph.D. | Computer Science & Engineering | Trust in Cloud Computing. | Prof. S.K. Sinha Ph.D. | Permanent |
| 32. | Rustam Ali Ahmed | Ph.D. | Computer Science & Engineering | A Study on Prediction of Future Appearances of Child's Faces. | Dr. B. Bora Ph.D. | Permanent |
| 33. | Taslima Ahmed | Ph.D. | Electronics & Communication Engineering | Study on some aspects Hodgkin-Huxley (H-H) Model of Neuron with its Variants and their Contribution to Neurology | Prof. J.C. Dutta Ph.D. | Permanent |
| 34. | Ankurjyoti Saikia | Ph.D. | Civil Engineering | Vibration isolation using open and in-filled trenches | Dr. A. Dutta Ph.D. | Permanent |
| 35. | Arup Jyoti Das | Ph.D. | Food Engineering & Technology | Studies on key ingredients and identification of the microbes involved in the process of rice beer production in Assam. | Prof. S.C. Deka' Ph.D. | Permanent |
| 36. | Jayabrata Saha | Ph.D. | Food Engineering & Technology | Studies on the effects of processing on the extraction of proteins from the selected green leafy vegetables of Assam. | Prof. S.C. Deka Ph.D. | Permanent |
| 37. | Dibyakanta Seth | Ph.D. | Food Engineering & Technology | Spray Dried Misti Dahi Powder: Process Technology, Improvement | Prof. S.C. Deka Ph.D. | Permanent |

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| | | | | in Reconstitution Properties and Viability of Bacterial Cells | | |
| 38. | * Rajeev Kumar Verma | Ph.D. | Food Engineering & Technology | | | |
| 39. | Pradyumna Kumar Choudhury | Ph.D. | Energy | Design and Development of Control System for Hybrid Renewable Energy System for Industrial Application in Assam. | Prof. D.C. Baruah Ph.D. | Permanent |
| 40. | Lakhya Jyoti Konwar | Ph.D. | Energy | Development of Renewable Heterogeneous Catalysts for Biofuel Production. | Prof. D. Deka Ph.D. | Permanent |
| 41. | Rijumoni Gogoi | Ph.D. | English & Foreign Languages | Figures of Mothering: Interrogating Maternity in Modern African-American Women's Fiction. | Prof. F. Danta Ph.D. | Permanent |
| 42. | Parbin Sultana | Ph.D. | English & Foreign Languages | ELT in the Colleges of Teacher Education in Assam: A Study of the Effectiveness of Class Room Teaching Practices. | Prof. M.M. Sarma Ph.D. | Permanent |
| 43. | Nurjahan Begum | Ph.D. | English & Foreign Languages | Women's Travel Writing in Colonial India and the Rhetoric Difference: A Study Through Select Texts. | Prof. B.K. Danta Ph.D. | Permanent |
| 44. | * Renusmita U. Talukdar | Ph.D. | English & Foreign Languages | | | |
| 45. | Ananya Hiloidari | Ph.D. | English & Foreign Languages | Representation of the Local and the Peripheral: A Study of an Alternative Aesthetic in the Novels of Amit Chaudhuri, Arundhati Roy, Siddhartha Deb, and Mamang Dai. | Prof. P.K. Das Ph.D. | Permanent |
| 46. | Pronami Bhattacharyya | Ph.D. | English & Foreign Languages | Layering of Gazes in African-American Travel Writing: A Study of Select Texts. | Prof. B.K. Danta Ph.D. | Permanent |
| 47. | Joyashri Choudhury | Ph.D. | English & Foreign Languages | Reading the Ecological Matrix in Science Fiction: A Study of Select Texts by Women Writers. | Prof. M.M. Sarma Ph.D. | Permanent |
| 48. | Raujline Siraj Farjina Akhtar | Ph.D. | English & Foreign Languages | The Semantics and Syntax of the NP in Karbi. | Dr. G.K. Bora Ph.D. | Permanent |
| 49. | Gitartha Goswami | Ph.D. | English & Foreign Languages | T.S. Eliot: From Crisis to Contemplation. | Prof. F. Danta Ph.D. | Permanent |
| 50. | Junti Boruah | Ph.D. | English & Foreign Languages | Reading Postcolonial Subject Positions in VS Naipaul: Towards A Contractual Space. | Prof. F. Danta Ph.D. | Permanent |

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| 51. | A. Nagaraju | Ph.D. | Cultural Studies | Role of Media in Movements of Political and Ethnic Assertions: The Media Ecology Approach. | Dr. D.P. Nath Ph.D. | Permanent |
| 52. | + Reetamoni Das | Ph.D. | Cultural Studies | | Prof. D.P. Nath Ph.D. | Permanent |
| 53. | Oinam Bedajit Meitei | Ph.D. | Mass Communication & Journalism | Influence of Cross Cultural Flows on National Integration Through Bollywood Musicals: An Analytical Study. | Dr. CSHN Murthy Ph.D. | Permanent |
| 54. | Priyanka Borkotoky | Ph.D. | Hindi | A Comparative study of the short stories of Kamaleshwar and Bhabendranath Saikia | Dr. S.K. Tripathi Ph.D. | Permanent |
| 55. | Kemlop Haisa | Ph.D. | Hindi | Nagarjun ka upanyasho ma yug bodh | Dr. S.K. Tripathi Ph.D. | Permanent |
| 56. | Anju Lata | Ph.D. | Hindi | Sathottari Hindi Kahaniyan Aur Yatharthvad. | Prof. A.K. Nath Ph.D. | Permanent |
| 57. | Pranab Kumar Nath | Ph.D. | Hindi | Mohan Rakesh Aur Saiyed Abdul Malik ki Kahaniyaou ka Tulnatmatmak Adhyayan. | Prof. A.K. Nath Ph.D. | Permanent |
| 58. | Meghali Kalita | Ph.D. | Business Administration | Effectiveness of Project Implementation in the Rural Sector: A Study on Sustenance of Dairy Cooperative Societies in Assam. | Dr. T.R. Sharma Ph.D. | Permanent |
| 59. | Rashmi Rekha Baruah | Ph.D. | Business Administration | Teamwork and Organizational Effectiveness: A Study on Telecom Sector in Assam. | Dr. P. Baruah Ph.D. | Permanent |
| 60. | Pinky Dutta | Ph.D. | Business Administration | Cost Structure and Financial Sustainability of Microfinance Institutions: A Study of Select MFIs in Assam. | Prof. D. Das Ph.D. | Permanent |
| 61. | Bitupan Bora | Ph.D. | Business Administration | Livelihood Development Through Non-Farm Enterprises: A Study in Hill Districts of Assam. | Prof. D. Das Ph.D. | Permanent |
| 62. | Rehana Ahmed | Ph.D. | Business Administration | Transformative Social Protection of Women Through Guaranteed Employment - A Study of MGNREGA in Assam. | Prof. S.S. Sarkar Ph.D. | Permanent |
| 63. | * Imdad Ali Ahmed | Ph.D. | Business Administration | | Dr. T.R. Sharma Ph.D. | Permanent |

List of Students admitted to the Ph.D. programme in the Autumn Semester 2011 (August, 2011)

| S/N | Name of students | Program me | Department | Title of thesis / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad-hoc/ visiting faculty |
|-----|----------------------|------------|-----------------------------------|--|---|--|
| 1. | Tarun Kumari | Ph.D. | Mathematical Sciences | Aspects of Homology in Syntopogeneous Category | Prof. D. Hazarika Ph.D. | Permanent |
| 2. | Salam Pradeep Singh | Ph.D. | Molecular Biology & Biotechnology | Metagenomics and bioinformatics studies on alkane hydroxylase gene. | Prof. B.K. Konwar Ph.D. | Permanent |
| 3. | Bhaskarjyoti Gogoi | Ph.D. | Molecular Biology & Biotechnology | Investigation on the Antidiabetic Property of Medicinal Plant of the North East India using Contemporary Biochemical and Molecular Approach. | Prof. A.K. Buragohain Ph.D. | Permanent |
| 4. | Anjan Barman | Ph.D. | Molecular Biology & Biotechnology | Characterization of a potential adhesion function in <i>Ralstonia solanacearum</i> , the causal agent of bacterial wilt in plants. | Dr. S.K. Ray Ph.D. | Permanent |
| 5. | Saurav Bhattacharjee | Ph.D. | Physics | Dust Crystallization in magnetized complex plasma. | Prof. N. Das Ph.D. | Permanent |
| 6. | Jagat Dwipendra Ray | Ph.D. | Physics | Space based geodetic study on active tectonics and seasonal perturbations in interseismic deformation of North-East India. | Prof. A. Kumar Ph.D. | Permanent |
| 7. | Bhupen Borah | Ph.D. | Physics | Nonlinear fluctuation dynamics in self-gravitating plasmas. | Dr. P.K. Karmakar Ph.D. | Permanent |
| 8. | Mahmuda Begum | Ph.D. | Physics | A Study of Linear and Non-Linear Phenomena in Dusty Plasma. | Prof. N. Das Ph.D. | Permanent |
| 9. | Koushik Saikia | Ph.D. | Physics | Controlled self-organization of magnetic nanostructures and their collective properties study | Dr. P. Deb Ph.D. | Permanent |
| 10. | Pawan Chetri | Ph.D. | Physics | Investigation of various properties of virgin and doped tin oxide nanoparticles in both experimental and theoretical framework. | Prof. A. Choudhury Ph.D. | Permanent |
| 11. | Jayanta Hazarika | Ph.D. | Physics | Electrical Transport in Polypyrrole nanostructures and Swift Heavy Ion effects. | Prof. A. Kumar Ph.D. | Permanent |

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|-----|----------------------|-------|-----------------------|--|---------------------------|-----------|
| 12. | Bhaskar Jyoti Saikia | Ph.D. | Chemical Sciences | Strategy for Development of Star Shaped Polymers by Atom Transfer Radical Polymerization (ATRP) and Their Applications. | Prof. S.K. Dolui Ph.D. | Permanent |
| 13. | Shyamalima Sharma | Ph.D. | Chemical Sciences | Development of Polymer Nanocomposite Based Photovoltaic Devices with Improved Efficiency. | Prof. S.K. Dolui Ph.D. | Permanent |
| 14. | Bibekananda De | Ph.D. | Chemical Sciences | Development of Hyperbranched Toughen Epoxy Nanocomposites. | Prof. N. Karak Ph.D. | Permanent |
| 15. | * Biju Basumatary | Ph.D. | Chemical Sciences | | | Permanent |
| 16. | Prasanta Baishya | Ph.D. | Chemical Sciences | Wood Polymer Nanocomposites Based on Water Soluble Polymers and Nanofillers. | Prof. T.K. Maji Ph.D. | Permanent |
| 17. | Pakiza Begum | Ph.D. | Chemical Sciences | Electronic and Structure Controls Catalytic Activity of size-selected Palladium Clusters Adsorbed on Oxide Surfaces Towards Oxidation of CO and NO: A Density Functional Approach. | Prof. R.C. Deka Ph.D. | Permanent |
| 18. | Pangkita Deka | Ph.D. | Chemical Sciences | Synthesis, Characterization and Catalytic Application of Nanostructured Transitional Metal Oxides. | Prof. R.C. Deka Ph.D. | Permanent |
| 19. | + Nirmali Bordoloi | Ph.D. | Environmental Science | | Prof. K.K. Baruah Ph.D. | Permanent |
| 20. | + Pranamika Bhuyan | Ph.D. | Environmental Science | | Dr. R.R. Hoque Ph.D. | Permanent |
| 21. | + Ashmita Bharali | Ph.D. | Environmental Science | | Prof. K.K. Baruah Ph.D. | Permanent |
| 22. | + Banashree Sahariah | Ph.D. | Environmental Science | | Dr. S. Bhattacharya Ph.D. | Permanent |
| 23. | + Jyoti Prakash Deka | Ph.D. | Environmental Science | | Dr. M. Kumar Ph.D. | Permanent |
| 24. | + Aparna Das | Ph.D. | Environmental Science | | Dr. M. Kumar Ph.D. | Permanent |
| 25. | + Sanghita Dutta | Ph.D. | Environmental Science | | Prof. K.P. Sarma Ph.D. | Permanent |
| 26. | + Bhaswatee Baroowa | Ph.D. | Environmental Science | | Dr. N. Gogoi Ph.D. | Permanent |
| 27. | + Jinu Deka | Ph.D. | Environmental Science | | Prof. K.P. Sarma Ph.D. | Permanent |
| 28. | Linee Goswami | Ph.D. | Environmental Science | Vermistabilization of Coal Fly Ash Produced in Tea Factories of Assam by using <i>Eisenia fetida</i> (Savigny) and <i>Lampito mauritii</i> (Kinberg) | Dr S. Bhattacharya Ph.D. | Permanent |

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|-----|-------------------------|-------|---|---|----------------------------|-----------|
| 29. | * Chandamita Basumatary | Ph.D. | Environmental Science | | | Permanent |
| 30. | Deepika Hazarika | Ph.D. | Electronics & Communication Engineering | Despeckling of Synthetic Aperture Radar (SAR) images and Texture Retrieval of Natural Images Based on Statistical Modeling of Lapped Transform Coefficients | Prof. M. Bhuyan Ph.D. | Permanent |
| 31. | Moonmoon Hiloidhari | Ph.D. | Energy | Agricultural Residue for Decentralized Renewable Energy Generation: A Study for Resource Assessment and Environmental Impact. | Prof. D.C. Baruah Ph.D. | Permanent |
| 32. | * Prabin Haloi | Ph.D. | Energy | | | Permanent |
| 33. | Biju Mani Rajbongshi | Ph.D. | Energy | Synthesis and Characterization of Metal Oxide Visible Active Photocatalyst for Solar Energy Application. | Prof. S.K. Samdarshi Ph.D. | Permanent |
| 34. | * Shahil Hussain | Ph.D. | English & Foreign Languages | | | Permanent |
| 35. | Raju Barthakur | Ph.D. | English & Foreign Languages | Communication Strategies in Web and Electronically Mediated Communication with Reference to Facebook, Twitter and Textese | Dr. G.K. Bora Ph.D. | Permanent |
| 36. | + Tatongkala | Ph.D. | Cultural Studies | | Dr. P. Dutta Ph.D. | Permanent |
| 37. | * Archana Kalita | Ph.D. | Cultural Studies | | | Permanent |
| 38. | Sarmistha Das | Ph.D. | Sociology | Changing Agrarian Structure of Village in Nagaon District of Assam. | Prof. C.K. Sarma Ph.D. | Permanent |
| 39. | * Anil Kapoor | Ph.D. | Business Administration | | | Permanent |
| 40. | Anindita Dutta | Ph.D. | Business Administration | Firm-level Quality Competitiveness of Assam Silk: A Comparative Study on Certified and Non-Certified Silk Firms | Dr. T.R. Sharma Ph.D. | Permanent |
| 41. | Aienla | Ph.D. | Business Administration | A Study on Quality Framework for Integrated Waste Management in Tourist Villages of Nagaland. | Dr. T.R. Sharma Ph.D. | Permanent |
| 42. | Chikhosale Thingo | Ph.D. | Business Administration | MSMEs in Nagaland: A Critical Study into their Problems and Prospects | Prof. S.S. Sarkar Ph.D. | Permanent |

List of Students admitted to the Ph.D. programme in the Spring Semester 2012 (January, 2012)

| S. N | Name of students | Program me | Department | Title of thesis / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad-hoc/ visiting faculty |
|------|-----------------------------|------------|-----------------------------------|---|---|--|
| 1. | + Dimpal Jyoti Mahanta | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 2. | + Pallabi Saikia | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 3. | + Jayanta Bhattacharyya | Ph.D. | Mathematical Sciences | | Dr. D.K. Basnet Ph.D. | Permanent |
| 4. | + Suparna Biswas | Ph.D. | Mathematical Sciences | | Dr. S. Dutta Ph.D. | Permanent |
| 5. | * Shreemoyee Dutta Majumder | Ph.D. | Molecular Biology & Biotechnology | | | Permanent |
| 6. | Arunabha Banerjee | Ph.D. | Molecular Biology & Biotechnology | Genetic Variations in TLR and NLR mediated Inflammasome activation and Inflammation induced Neo-angiogenesis in Head and Neck Carcinoma | Prof. S. Baruah Ph.D. | Permanent |
| 7. | Kuldeep Gupta | Ph.D. | Molecular Biology & Biotechnology | Study of biofilm inhibition of <i>Staphylococcus aureus</i> , <i>Pseudomonas aruginosa</i> , <i>Candida albicans</i> by natural products and their role on extracellular polymeric substances (EPS) secretion | Dr. M. Mandal Ph.D. | Permanent |
| 8. | Jnanendra Upadhyay | Ph.D. | Physics | Synthesis and characterization of conducting polymer nanostructures for biological applications and study of swift heavy ion irradiation effects | Prof. A. Kumar Ph.D. | Permanent |
| 9. | Pragyan Jyoti Gogoi | Ph.D. | Physics | Flexible microwave planar structures and antennas | Prof. N.S. Bhattacharyya Ph.D. | Permanent |
| 10. | Paragjyoti Chutia | Ph.D. | Physics | Electrical and Dielectric Studies in Conducting Polymer Nanostructures | Prof. A. Kumar Ph.D. | Permanent |
| 11. | Anup Kumar Nath | Ph.D. | Physics | Ionic Transport Studies in Ionic Liquid based Polymer Nanocomposite Electrolytes and Swift Heavy Ion Irradiation Effects | Prof. A. Kumar Ph.D. | Permanent |

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|-----|-------------------------|-------|---|---|------------------------------|-----------|
| 12. | Samiran Hazarika | Ph.D. | Physics | Production, structure-property correlation and rheological properties of rare-earth based nanostructured systems | Dr. D. Mohanta Ph.D. | Permanent |
| 13. | Suman Thakur | Ph.D. | Chemical Sciences | Hyperbranched Polyurethane/Graphene Nanocomposites and Their Potential Applications | Prof. N. Karak Ph.D. | Permanent |
| 14. | Debajyoti Bhattacharjee | Ph.D. | Chemical Sciences | Computational Studies of Bare and Metal Oxide Supported Nanoclusters and their Applications in Catalysis | Prof. R.C. Deka Ph.D. | Permanent |
| 15. | Sandhya Rani Gogoi | Ph.D. | Chemical Sciences | Chemistry of Niobium and Tungsten Compounds with O, O- and N, O-Donor Ligands. Studies of Catalytic Potential and Their Interaction with Biomolecules | Prof. N.S. Islam Ph.D. | Permanent |
| 16. | Prasanta Kumar Raul | Ph.D. | Chemical Sciences | Development of 'Nanoparticle Catalysed Organic Synthesis Enhancement' (NOSE) approach and decontamination of water by inorganic nano particles | Dr. A.J. Thakur Ph.D. | Permanent |
| 17. | Dipshikha Bharali | Ph.D. | Chemical Sciences | Intercalation and Adsorption of Organic Dye Pollutants in Various Synthetic Layered Double Hydroxides | Prof. R.C. Deka Ph.D. | Permanent |
| 18. | + Banashree Sarma | Ph.D. | Environmental Science | | Dr. N. Gogoi Ph.D. | Permanent |
| 19. | + Subhasish Das | Ph.D. | Environmental Science | | Dr. S. Bhattacharya Ph.D. | Permanent |
| 20. | + Anindita Gogoi | Ph.D. | Environmental Science | | Dr. M. Kumar Ph.D. | Permanent |
| 21. | + Sreyashi Paul | Ph.D. | Environmental Science | | Dr. N. Gogoi Ph.D. | Permanent |
| 22. | Alok Roy | Ph.D. | Computer Science & Engineering | Underwater Wireless Sensor Networks | Prof. N. Sarma Ph.D. | Permanent |
| 23. | + Manoj Kumar Sarma | Ph.D. | Electronics & Communication Engineering | | Prof. J.C. Dutta Ph.D. | Permanent |
| 24. | + Hemanga Kumar Das | Ph.D. | Electronics & Communication Engineering | | Prof. P.P. Sahu Ph.D. | Permanent |
| 25. | Prerna Khawas | Ph.D. | Food Engineering & Technology | Studies on biochemical attributes, drying and development of value added product from culinary banana <i>kachkal</i> | Prof. S.C. Deka Ph.D. | Permanent |

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| | | | | (Musa ABB) of Assam | | |
| 26. | Subrata Das | Ph.D. | Energy | Ionic liquid catalysts in the synthesis of biodiesel from non edible oil feedstocks | Prof. D. Deka Ph.D. | Permanent |
| 27. | Sampriti Kataki | Ph.D. | Energy | Managing bioenergy by-products for optimal utilization in crop production | Prof. D.C. Baruah Ph.D. | Permanent |
| 28. | Moyuri Chetiya | Ph.D. | English & Foreign Languages | Class and Ideology in Postcolonial Indian Fiction in English | Prof. F. Danta Ph.D. | Permanent |
| 29. | Subhashis Banerjee | Ph.D. | English & Foreign Languages | Travel Writings of Swami Vivekananda: A Discourse of Assimilation and Differences | Dr. S. Biswas Ph.D. | Permanent |
| 30. | + Dharmendra Kumar Baruah | Ph.D. | English & Foreign Languages | | Prof. B.K. Danta Ph.D. | Permanent |
| 31. | + D.P.P.G. Lyanage | Ph.D. | Cultural Studies | | Dr. D.P. Nath Ph.D. | Permanent |
| 32. | Mridu Pawan Bania | Ph.D. | Sociology | Occupational Patterns of the Scheduled Castes: A Study of the Fringe Villages of Tezpur Town, Assam | Dr. K. Kikhi Ph.D. | Permanent |
| 33. | Pomi Baruah | Ph.D. | Sociology | A Study of Urbanization of Guwahati City | Prof. C.K. Sarma Ph.D. | Permanent |
| 34. | Jinty Rajkhowa | Ph.D. | Sociology | Religious Conversion Among the Misings of Assam: A Case Study in Majuli | Prof. C.K. Sarma Ph.D. | Permanent |
| 35. | + Ratul Chandra Nath | Ph.D. | Mass Communication & Journalism | | Dr. A. Bora Ph.D. | Permanent |
| 36. | + Ankita Gogoi | Ph.D. | Mass Communication & Journalism | | Dr. A. Bora Ph.D. | Permanent |
| 37. | Nandita Dutta | Ph.D. | Hindi | Women Sensitivity in the Novels of Maitriyee Pushpa and Rita Choudhury: A Comparative Study | Prof. A. K. Nath Ph.D. | Permanent |
| 38. | Moromi Roy Baruah | Ph.D. | Hindi | Prof. Krishna Narayana Prasad 'Magadh's contribution towards Assamese criticism | Prof. A.K. Nath Ph.D. | Permanent |
| 39. | + Pankaj Kumar | Ph.D. | Business Administration | | Prof. S.S. Sarkar Ph.D. | Permanent |
| 40. | + Bidyut Bikash Das | Ph.D. | Business Administration | | Dr. C. Goswami | Permanent |
| 41. | + Rumia Begum | Ph.D. | Business Administration | | Prof.(Ms.) C. Goswami Ph.D. | Permanent |

List of Students Admitted to the Ph.D. programme in the Autumn Semester 2012 (August, 2012)

| S/N | Name of students | Programme | Department | Title / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad-hoc/ visiting faculty |
|-----|----------------------------|-----------|---|--------------------------|---|--|
| 1. | + Zakir Ahmed | Ph.D. | Mathematical Sciences | | Prof. N.D. Baruah Ph.D. | Permanent |
| 2. | + Pearl Sanchayeta Gogoi | Ph.D. | Mathematical Sciences | | Dr. M. Hazarika Ph.D. | Permanent |
| 3. | + Neelam Saikia | Ph.D. | Mathematical Sciences | | Dr. D.K. Basnet Ph.D. | Permanent |
| 4. | + Monoj Kumar Das | Ph.D. | Molecular Biology & Biotechnology | | Dr. A.M. Ramteke Ph.D. | Permanent |
| 5. | + Devabrata Saikia | Ph.D. | Molecular Biology & Biotechnology | | Dr. M. Mandal Ph.D. | Permanent |
| 6. | * Beenita Dutta | Ph.D. | Physics | | | Permanent |
| 7. | + Manikanta Borah | Ph.D. | Physics | | Dr. M.K. Das Ph.D. | Permanent |
| 8. | + Tanvir Hussain | Ph.D. | Physics | | Dr. A. Pathak Ph.D. | Permanent |
| 9. | + Rizwin Khanam | Ph.D. | Physics | | Dr. D. Mohanta Ph.D. | Permanent |
| 10. | + Kakoli Bhattacharya | Ph.D. | Physics | | Dr. P. Deb Ph.D. | Permanent |
| 11. | + Seshadri Reddy Ankireddy | Ph.D. | Chemical Sciences | | Prof. N.S. Islam Ph.D. | Permanent |
| 12. | + Pankaj Gogoi | Ph.D. | Chemical Sciences | | Prof. T.K. Maji Ph.D. | Permanent |
| 13. | + Nivedita Barman | Ph.D. | Environmental Science | | Dr. R.R. Hoque Ph.D. | Permanent |
| 14. | + Sumi Handique | Ph.D. | Environmental Science | | Prof. K.K. Baruah Ph.D. | Permanent |
| 15. | * Longjam Nirman Singh | Ph.D. | Computer Science & Engineering | | Dr. U. Sharma Ph.D. | Permanent |
| 16. | + Rubul Kumar Bania | Ph.D. | Computer Science & Engineering | | Dr. B. Bora Ph.D. | Permanent |
| 17. | + Krishna Das | Ph.D. | Computer Science & Engineering | | | Permanent |
| 18. | * Chakresh Kumar | Ph.D. | Electronics & Communication Engineering | | | Permanent |
| 19. | + Ananya Bonjyotsna | Ph.D. | Electronics & Communication Engineering | | Prof. M. Bhuyan Ph.D. | Permanent |
| 20. | + Swagata Sharma | Ph.D. | Electronics & Communication Engineering | | Dr. S. Sharma Ph.D. | Permanent |

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|-----|-------------------------------|-------|-------------------------------|--|-------------------------------|-----------|
| 21. | + Nikhil Kumar Mahnot | Ph.D. | Food Engineering & Technology | | Prof. C.L. Mahanta Ph.D. | Permanent |
| 22. | + Anjalu Ramchiary | Ph.D. | Energy | | Prof. S.K. Samdarshi Ph.D. | Permanent |
| 23. | + Plaban Bora | Ph.D. | Energy | | Prof. D. Deka Ph.D. | Permanent |
| 24. | + Ranjana Verma | Ph.D. | Energy | | Prof. S.K. Samdarshi Ph.D. | Permanent |
| 25. | + Sarat Chandra Borah | Ph.D. | Energy | | Dr. R. Kakoti Ph.D. | Permanent |
| 26. | + Dipal Baruah | Ph.D. | Energy | | Prof. D.C. Baruah Ph.D. | Permanent |
| 27. | + Hasnahana Gogoi | Ph.D. | English & Foreign Languages | | | Permanent |
| 28. | + Gunjana Dey | Ph.D. | English & Foreign Languages | | | Permanent |
| 29. | + Sikhamoni Gogoi | Ph.D. | English & Foreign Languages | | | Permanent |
| 30. | + Jelina Moshahary | Ph.D. | English & Foreign Languages | | Prof. M. Borbora Ph.D. | Permanent |
| 31. | + Taw Azu | Ph.D. | English & Foreign Languages | | Dr. D. Mohaptra Ph.D. | Permanent |
| 32. | + Dakter Esse | Ph.D. | Cultural Studies | | | Permanent |
| 33. | + Dina Swargiari | Ph.D. | Cultural Studies | | | Permanent |
| 34. | + Ive Daimary | Ph.D. | Cultural Studies | | | Permanent |
| 35. | * Ariandam Borkataki | Ph.D. | Centre for Assamese Studies | | Dr. G.K. Bora Ph.D. | Permanent |
| 36. | + Spondon Borbora | Ph.D. | Business Administration | | Prof. D. Das Ph.D. | Permanent |
| 37. | + Lakhimi Jogendranath Chutia | Ph.D. | Business Administration | | Prof. M.K. Sarma Ph.D. | Permanent |

List of students admitted to the Ph.D. programme in the Spring Semester 2013 (January, 2013)

| S. N | Name of students | Program me | Dept. | Title of thesis / Plan of research | Name & Academic Qualifications of the Research Supervisor | Whether Research Supervisor is Permanent/ ad-hoc/ visiting faculty |
|------|------------------|------------|-----------------------|------------------------------------|---|--|
| 1. | + Mami Sharma | Ph.D. | Mathematical Sciences | | Prof. D. Hazarika Ph.D. | Permanent |

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|-----|-----------------------|-------|-----------------------------------|--|--------------------------------|-----------|
| 2. | + Krishna Ram Saikia | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 3. | + Sangeeta Baruah | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 4. | + Dhruva Jyoti Bora | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 5. | + Sangeeta Borah | Ph.D. | Mathematical Sciences | | Prof. M. Borah Ph.D. | Permanent |
| 6. | + Bandana Bora | Ph.D. | Molecular Biology & Biotechnology | | Prof. A.K. Mukherjee Ph.D. | |
| 7. | + Yutika Nath | Ph.D. | Molecular Biology & Biotechnology | | Prof. A.K. Buragohain Ph.D. | |
| 8. | + Reena Adhikari | Ph.D. | Molecular Biology & Biotechnology | | Prof. A.K. Mukherjee Ph.D. | |
| 9. | + Raja Baishya | Ph.D. | Molecular Biology & Biotechnology | | Dr. S. Saha Ph.D. | |
| 10. | + Dhruvajyoti Nath | Ph.D. | Molecular Biology & Biotechnology | | Dr. M. Mandal Ph.D. | |
| 11. | + Manash Deep Dey | Ph.D. | Molecular Biology & Biotechnology | | Dr. R. Mukhopadhyay Ph.D. | |
| 12. | + Rupesh Kumar | Ph.D. | Molecular Biology & Biotechnology | | Dr. A.M. Ramteke Ph.D. | |
| 13. | + Pranjal Pratim Das | Ph.D. | Molecular Biology & Biotechnology | | Dr. T. Medhi Ph.D. | |
| 14. | + Sibasish Dutta | Ph.D. | Physics | | Dr. P. Nath Ph.D. | |
| 15. | + Bikash Chandra Nath | Ph.D. | Physics | | Dr. G.A. Ahmed Ph.D. | |
| 16. | + Manash Jyoti Boruah | Ph.D. | Physics | | Dr. G.A. Ahmed Ph.D. | |
| 17. | + Swagatam Deva Nath | Ph.D. | Physics | | Dr. R. Bora Ph.D. | |
| 18. | + Arup Kumar Dutta | Ph.D. | Chemical Sciences | | Dr. R. Bora Ph.D. | |
| 19. | + Pinky Gogoi | Ph.D. | Chemical Sciences | | Dr. N.M. Gogoi Ph.D. | |
| 20. | + Mamon Dey | Ph.D. | Chemical Sciences | | Prof. T.K. Maji Ph.D. | |
| 21. | + Swagata Baruah | Ph.D. | Chemical Sciences | | Prof. N. Karak Ph.D. | |
| 22. | + Satyabrat Gogoi | Ph.D. | Chemical Sciences | | Prof. S.K. Dolui Ph.D. | |
| 23. | + Biswajit Gogoi | Ph.D. | Chemical Sciences | | Dr. R. Bora Ph.D. | |

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|-----|---------------------------|-------|---|--|-----------------------------------|--|
| 24. | + Santana Baishya | Ph.D. | Environmental Science | | Dr. A.K. Das Ph.D. | |
| 25. | + Jayanta Bora | Ph.D. | Environmental Science | | Dr. R.R. Hoque Ph.D. | |
| 26. | + Ram Charan Baishya | Ph.D. | Computer Science & Engineering | | Prof. D.K. Bhattacharyya Ph.D. | |
| 27. | + Nazrul Hoque | Ph.D. | Computer Science & Engineering | | Prof. D.K. Bhattacharyya Ph.D. | |
| 28. | + Chayanika Deka | Ph.D. | Computer Science & Engineering | | | |
| 29. | + Sanghamitra Nath | Ph.D. | Computer Science & Engineering | | Prof. U. Sharma Ph.D. | |
| 30. | + Mampi Devi | Ph.D. | Computer Science & Engineering | | | |
| 31. | + Moirangthem Deben Singh | Ph.D. | Electronics & Communication Engineering | | | |
| 32. | + Chinmayee Hazarika | Ph.D. | Electronics & Communication Engineering | | | |
| 33. | + Abdul Barik | Ph.D. | Electronics & Communication Engineering | | | |
| 34. | + Mukti Nath Gogoi | Ph.D. | Electronics & Communication Engineering | | | |
| 35. | + Watharkar Ritesh Balaso | Ph.D. | Food Engineering & Technology | | Dr. B. Srivastava Ph.D. | |
| 36. | + Neonjyoti Bordoloi | Ph.D. | Energy | | Dr. R. Kakoti Ph.D. | |
| 37. | + Biswajit Gogoi | Ph.D. | Energy | | Prof. D.C. Baruah Ph.D. | |
| 38. | + Zunaid Ahmed | Ph.D. | Mechanical Engineering | | | |
| 39. | + Abhijit Deka | Ph.D. | Mechanical Engineering | | | |
| 40. | + Pranjal Sarmah | Ph.D. | Mechanical Engineering | | | |
| 41. | + Kamaljyoti Talukdar | Ph.D. | Mechanical Engineering | | | |
| 42. | + Doyir Ete | Ph.D. | English & Foreign Languages | | Dr. S. Biswas Ph.D. | |
| 43. | + Louriyam Bebica Devi | Ph.D. | English & Foreign Languages | | | |
| 44. | + Pinku Muktiar | Ph.D. | Sociology | | | |
| 45. | + Pinky Barua | Ph.D. | Sociology | | | |
| 46. | + Kuntala Dowarah | Ph.D. | Sociology | | | |

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|-----|----------------------|-------|----------------------------|--|--|--|
| 47. | + Kasimang Moyong | Ph.D. | Sociology | | | |
| 48. | + Purabi Bharali | Ph.D. | Business Administration | | | |

* Left from the Ph.D. programm

+ Arear of research/ supervisor yet not finalized

Extract of the Ph.D. Rules & Regulation 1996 (Amended 2007)

2.4. Recognition of Supervisor

- 2.4.1.** Any member of the faculty of the university having Ph.D. degree with at least three years of post doctoral teaching / research experience supported by three peer-reviewed/ refereed publication including book chapters/ articles in research journals may be recommended by the DRC/CRC for recognized as supervisor. **However, all Professors will automatically be included in the list of recognized supervisors.** Those teachers who acquire the requisite qualifications subsequent to their appointment shall express their willingness to supervise research by writing to the chairperson, RC through the chairperson DRC/CRC”.