



# COTTON UNIVERSITY

Office of the Academic Registrar  
Panbazar, Guwahati, Assam-781001  
[www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in)

No: CU/Acad/PHD-VIVA/2026/196/Part-VII / 538

Date: 08/09/2026

## NOTIFICATION

The following research scholars are hereby declared to have qualified for the Degree of Doctor of Philosophy (Ph.D) of Cotton University in the subject and topic of research as mentioned below and as per approval of the Vice Chancellor dated 07 September, 2026.

| Sl. No. | Name of the Candidate | Enrolment No. | Subject/ Department   | Faculty                                    | Guide/ Supervisor         | Topic of Research/ Title of the Thesis                                                                                            |
|---------|-----------------------|---------------|-----------------------|--------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1.      | NIRANJAN PHUKON       | CHM1991007    | CHEMISTRY             | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. PRAHASH CHANDRA SARMA | Horizontal rate of spread of Anthracene, Fluorene and Phenanthrene in a sandy loam under natural environment                      |
| 2.      | PONJIT BORGOHAIN      | CSC2091002    | COMPUTER SCIENCE & IT | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. HITEN CHOUDHURY       | Securing Device-to-Device Communication in 5G Networks                                                                            |
| 3.      | ANANYA SAIKIA         | GPH1791003    | GEOGRAPHY             | EARTH SCIENCES                             | DR. MONJIT BORTHAKUR      | FLUVIO-GEOMORPHIC CHARACTERISTICS AND LIVELIHOOD PATTERNS IN MORIGAON DISTRICT OF ASSAM                                           |
| 4.      | RITAM RAJ BORAH       | CHM2191007    | CHEMISTRY             | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. RINU PRABHA DEKA      | Structure, Stability and Reactivity of Some Sandwich Type Complexes Involving Inorganic Rings: A Theoretical Exploration          |
| 5.      | WERINA INGTIPI        | BOT1991005    | BOTANY                | LIFE SCIENCES                              | DR. JINU DEVI RAJKUMARI   | Genetic diversity and phylogenetic analysis of some <i>Lablab</i> genotypes of Assam based on morphological and molecular markers |



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|----|-----------------------------|------------|------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. | TANJILA<br>BEGUM            | CHM2091003 | CHEMISTRY  | PHYSICAL,<br>CHEMICAL &<br>MATHEMATICAL<br>SCIENCES | PROF.<br>MAUSUMI<br>GANGULY                                                         | DESIGN, FORMULATION AND<br>ASSESSMENT OF ALOE VERA GEL<br>BASED PARENTERAL DRUG DELIVERY<br>VEHICLE AND STUDY OF ITS<br>APPLICATIONS IN TARGETED DELIVERY<br>OF ANTICANCER AND ANTI ARTHRITIS<br>DRUG |
| 7. | BHASWATI<br>TALUKDAR        | PHL1991002 | PHILOSOPHY | HUMAN AND<br>SOCIAL<br>SCIENCES                     | DR. SABITRI<br>DEVI                                                                 | ANALYTIC TRADITION IN<br>CONTEMPORARY INDIAN PHILOSOPHY<br>WITH SPECIAL REFERENCE TO DAYA<br>KRISHNA AND JITENDRA NATH<br>MOHANTY                                                                     |
| 8. | PINKU SARMA                 | CHM2091001 | CHEMISTRY  | PHYSICAL,<br>CHEMICAL &<br>MATHEMATICAL<br>SCIENCES | PROF. MANJIT<br>KUMAR<br>BHATTACHARY<br>YA                                          | Synthesis, Structure Guiding Supramolecular<br>Assemblies and Properties of Metal-organic<br>Compounds of Transition Metals                                                                           |
| 9. | UTTAM PAUL                  | CHM1891014 | CHEMISTRY  | PHYSICAL,<br>CHEMICAL &<br>MATHEMATICAL<br>SCIENCES | GUIDE - DR.<br>PRAHASH<br>CHANDRA<br>SARMA & CO<br>GUIDE - DR.<br>ARINDAM<br>BARMAN | CHEMICAL ANALYSIS AND METABOLIC<br>PROFILING OF TOMATO GENOTYPES<br>( <i>SOLANUM</i> SP) OF MEGHALAYA                                                                                                 |
| 10 | SULAKSHNA<br>BRAHMA         | CHM1891012 | CHEMISTRY  | PHYSICAL,<br>CHEMICAL &<br>MATHEMATICAL<br>SCIENCES | DR. PRAHASH<br>CHANDRA<br>SARMA                                                     | Exploring the influence of cement dust on<br>physio-chemical properties of soil in proximity<br>to Bokajan cement factory, Karbi Anglong,<br>Assam, India                                             |
| 11 | SWAPAN<br>BHATTACHARJ<br>EE | STA1891001 | STATISTICS | PHYSICAL,<br>CHEMICAL &<br>MATHEMATICAL<br>SCIENCES | DR. SUROBHI<br>DEKA                                                                 | Survival Analysis of Patients with Breast<br>Cancer: A Statistical Approach                                                                                                                           |



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|----|-----------------------|------------|-----------------------|--------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 12 | BIDISHA GOSWAMI       | CSC1991002 | COMPUTER SCIENCE & IT | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. HITEN CHOUDHURY           | Efficient And Secure Authentication in 5G-enabled IoT through Blockchain Technology                                                |
| 13 | RUNA RAHMAN           | BOT1891003 | BOTANY                | LIFE SCIENCES                              | DR. HRISHIKESH UPADHYAYA      | STUDIES ON THE IMPACT OF FUNCTIONALIZED ZINC OXIDE NANOPARTICLE (ZnO NP) ON ALUMINIUM (Al) STRESS IN RICE                          |
| 14 | RAKIT ISLAM           | ARA1991005 | ARABIC PERSIAN        | LANGUAGES, LITERATURE AND LINGUISTICS      | DR. FAZLUR RAHMAN             | CONTRIBUTION OF LAILA AL-OTHTMAN TO THE DEVELOPMENT MODERN ARABIC NOVEL IN KUWAIT: A STUDY                                         |
| 15 | MUNMI GOGOI           | ZOO1991006 | ZOOLOGY               | LIFE SCIENCES                              | DR. NAMRAM SUSHINDRAJIT SINGH | Study of Antitumor activity and toxicity of Melinjo ( <i>Gnetum gnemon L.</i> ) in Dalton's lymphoma ascites bearing mice          |
| 16 | JUMI DAS              | ZOO1991002 | ZOOLOGY               | LIFE SCIENCES                              | DR. AKALESH KUMAR VERMA       | Evaluation of anti-tumor potential of cordycepin ( <i>Cordyceps militaris L.</i> ) in Dalton's ascites lymphoma bearing mice model |
| 17 | SUNITEE GOHAIN BARUAH | EWS1891002 | EBWS                  | LIFE SCIENCES                              | DR. MAYURI CHABUKDHAR A       | ASSESSMENT OF HEAVY METAL(LOID)S IN SOIL-RICE SYSTEM UNDER DIFFERENT FARMING PRACTISES IN NORTHEAST INDIA                          |



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|----|-----------------|------------|-----------------------|--------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 18 | MALLIKA SARMAH  | MTH2291002 | MATHEMATICS           | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. ANUPAM DAS                                                | APPLICATIONS OF MEASURE OF NONCOMPACTNESS IN BEST PROXIMITY POINT THEOREMS AND FIXED POINT THEOREMS |
| 19 | DILIP TAMANG    | BOT1891001 | BOTANY                | LIFE SCIENCES                              | GUIDE - DR. MANDIRA SARMA & CO<br>GUIDE - DR. SANJEEVA NAYAKA | DOCUMENTATION AND BIOPROSPECTION OF MACRO LICHENS IN BURACHAPORI WILDLIFE SANCTUARY, ASSAM          |
| 20 | PARAG SAHARIA   | STA1891004 | STATISTICS            | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. SANGEETA KALITA                                           | A Statistical Investigation on Cause-Specific Mortality in Assam                                    |
| 21 | BARNALI MAHANTA | ANT1991001 | ANTHROPOLOGY          | HUMAN AND SOCIAL SCIENCES                  | DR. TERESA L KHAWZAWL                                         | River Tourism: A Case Study of the River Brahmaputra in Kamrup District, Assam                      |
| 22 | KASMIKA BORAH   | CSC2191002 | COMPUTER SCIENCE & IT | PHYSICAL, CHEMICAL & MATHEMATICAL SCIENCES | DR. HIMANISH SHEKHAR DAS                                      | STUDY OF NEXT-GENERATION SEQUENCING DATA USING BIOINFORMATICS AND MACHINE LEARNING                  |

The Degree will be conferred at next convocation of the University. This notification has been issued subject to an ex-post facto approval of the Executive Council of Cotton University, as authorized vide Resolution No. EC/2023/26/02 of the Council dated 08.02.2023

Sd/-  
Academic Registrar



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## *Notification uploaded in University Website as intimation to :*

1. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110002.
2. Secretary to the Govt. of Assam, Dept. of Education, Assam Sachivalaya, Dispur, Guwahati-06.
3. Pro Vice-Chancellor, Cotton University.
4. All Deans, Cotton University.
5. The Registrars of all Indian Universities.
6. Director, Social Documentation Centre, I.S.I.C.S.S.R, 25, Feroze Shah Road, New Delhi-110001.
7. Director of Higher Education, Assam, Kahilipara, Guwahati-09.
8. Members of Executive Council, Cotton University.
9. The Secretary, Association of Indian Universities, AIU, House, 16 Kotla Marg, New Delhi-110002.
10. Secretary, Assam Public Service Commission, Khanapara, Guwahati, Assam 781022.
11. Addl. Secretary to Govt. of Assam, Chancellor's Secretariat, Raj Bhawan, Guwahati-1.
12. PS to Vice-Chancellor, Cotton University.
13. PS to Registrar, Cotton University.
14. Coordinator, IQAC, Cotton University.
15. All respective Guides/Co-Guides of candidates concerned.
16. The candidates concerned.
17. Respective Examiners of the PhD Thesis.
18. Finance Officer, Cotton University.
19. Controller of Examinations, Cotton University.
20. Librarian, Cotton University.
21. Superintendent, Cotton University, (with a request for intimation to the Certificate Branch)
22. CSM, for uploading the notification to the Cotton University website.
23. Office file.

Academic Registrar