

ADMISSIONS 2024

DEPARTMENT OF CHEMISTRY (ESTD. 1965)

INVITES ELIGIBLE GIRL STUDENT APPLICANTS (2024-25 SESSION)
FOR A CAREER IN CHEMISTRY

HIGHER SECONDARY SCIENCE (100 seats)

FYUGP B.Sc (MAJOR)
(40 seats)



M.Sc
(15 seats)

Ph.D



APPLY for FYUGP B.Sc.:
<https://assamadmission.samarth.ac.in>

APPLY for Higher Secondary:
<https://darpan.ahseconline.in>



We encourage you to visit our Department Website
[Handique Girls' College \(hgcollege.edu.in\)](http://Handique Girls' College (hgcollege.edu.in))

Contact Details:
Dighalipukhuri West, Panbazar,
Guwahati-01, Assam
hgcchemistrydepartment@gmail.com

WHY CHOOSE US?

STUDENTS' ACHIEVEMENTS IN RECENT YEARS

- 100% 1st CLASS IN B.Sc & M.Sc. IN LAST 3 YEARS
- PURSUING Ph.D.s IN REPUTED INSTITUTES (CSIR LABS, IITs, NITs, IISERs/UNIVERSITIES)
- PLACED IN ACADEMIC SECTORS (COLLEGEES, SCHOOLS etc.), CORPORATE SECTORS (OIL, ONGC, NRL etc.) & CIVIL SERVICES (APSC etc.)



Preety Das
Qualified IIT-JAM 2024



Gitashri Kalita
CSIR NET 2023 (Dec)
AIR: 30



Imon Kanta Phukan
Pursuing Ph.D
at Texas University, USA



Priyanku Nath
Pursuing Ph.D
at IIT Hyderabad



Bristisnata Kashyap
Pursuing Ph.D
At BARC, Mumbai



Dikshita Goswami
Pursuing Ph.D
at IIT Guwahati



Nayana Nupur Das
Pursuing Ph.D
at NIT Trichy



Deepsikha Dey
Pursuing Ph.D
at NIT Silchar



Benazir Iliyas
Qualified APSC CCE 2022
Rank: ACS 34

INFRASTRUCTURE

SMART CLASSROOM

LIBRARY (> 500 BOOKS)

WELL-EQUIPPED LABORATORIES

SOPHISTICATED INSTRUMENT FACILITY

RESEARCH

- 5 FULLY FUNCTIONING LABS FOR CARRYING OUT RESEARCH PROJECTS IN ACCORDANCE WITH NEP2020 GUIDELINES UNDER G.U. APPROVED Ph.D. RESEARCH GUIDES
- 100+ PUBLICATIONS IN INTERNATIONAL (USA, EUROPE ETC) PEER-REVIEWED JOURNALS
- 9 RESEARCH SCHOLARS PURSUING Ph.D. WITH 1 Ph.D. DEGREE ALREADY AWARDED

RESEARCH AREAS: • Computational Chemistry with special reference to density functional reactivity theory and non-covalent interaction • Pharmaceutical Molecule - Metal-ion interaction • Soil Analysis • Organic Polymer • Heterogeneous Catalysis and Biodiesel • Organelle-specific transition metal-based drugs as cancer phototheranostic agents • Anticancer metal complexes with improved selectivity and bioavailability to overcome drug resistance • Multifunctional Molecular Magnetic Materials • Electrochemistry etc.

FACULTY STRENGTH



Dr. Tapan Thakuria
Associate Professor & Head
Experience: 30+ Years
PhD: Gauhati University



Dr. Kandarpa Phukan
Assistant Professor
Experience: 17+ Years
PhD: Cotton University



Dr. Bapan Saha
Assistant Professor
Experience: 17+ Years
PhD: Gauhati University



Dr. Akhtar Hussain
Assistant Professor
Experience: 12+ Years
PhD: IISc Bangalore



Dr. Anup Choudhury
Assistant Professor
Experience: 2+ Years
PhD: Tezpur University



Dr. Priyanka Barua
Assistant Professor (Guest)
Experience: 10+ Years
PhD: Gauhati University



Dr. Purnima Baruah
Assistant Professor (Guest)
Experience: 2+ Years
PhD: Gauhati University



Dr. Chayanika Kashyap
Assistant Professor (Guest)
Experience: 2+ Years
PhD: Cotton University