एम. के. साहू
आचार्य एवं विभागाध्यक्ष
रसायनिकी विभाग
पूर्वोत्तर पर्वतीय विश्वविद्यालय
जिला: पूर्वी खासी हिल्स, शिलांग - 793022
मेघालय, भारत

Dr. M. K. Sahoo
Professor & Head
Department of Chemistry
North-Eastern Hill University
District: East Khasi Hills, Shillong - 793022
Meghalaya, India

No.F.CHEM/75-1/Admission/Ph.D/2026-27/202 Date: 12.11.2026

NOTICE FOR Ph.D. (CHEMISTRY) ADMISSION – 2026

The Department of Chemistry will conduct the Entrance Test for admission to the Ph.D. programme in Chemistry on 30.11.2026 from 10:00 AM to 12:00 PM in Room No. 20 (2nd Floor), Science Cluster of Classrooms. The Personal Interview for qualified candidates will follow on the same day from 1:30 AM onwards in the Conference Room, Department of Chemistry, NEHU, Shillong.

Important Instructions for Candidates:

1. All shortlisted candidates (listed in Annexure I), including those who have qualified UGC/CSIR-NET (JRF), SLET, or GATE, are required to appear for the Entrance Test.
2. Candidates with pending backlogs or awaiting their final pass certificates shall be permitted to appear for the written entrance examination on a purely provisional basis. However, their eligibility for the interview and final admission shall be strictly subject to clearing all backlogs and producing valid pass certificates and mark sheets prior to the date of the interview, failing which their candidature shall stand cancelled.
3. Candidates must report to the examination venue at least 30 minutes prior to the commencement of the test (by 9:30 AM) and produce any one of the following valid original photo identity cards for verification at the examination hall: Aadhaar Card, EPIC (Voter ID), PAN Card, or Driving License.
4. The written examination will consist of 50 Multiple-Choice Questions (MCQs) carrying 2 marks each (total 100 marks), divided equally into two categories: Research Methodology (50%) and Subject Knowledge – Chemistry (50%). The syllabus for Research Methodology is enclosed herewith as Annexure II.
5. Candidates securing a minimum of 50% marks in the Entrance Test will be shortlisted for the Personal Interview. A relaxation of 5% marks (from 50% to 45%) is admissible for candidates belonging to SC / ST / OBC (Non-Creamy Layer) / Differently-Abled and Economically Weaker Section (EWS) categories.

Head

Department of Chemistry

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Department of Chemistry
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Shillong-793022

दूरभाष/ Phone: 0364-272-601/602 ईमेल/ Email:hodche@nehu.ac.in
वेबसाइट/website: https://nehu.ac.in/department/display/Chemistry-Department

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Annexure I

SYLLABUS FOR RESEARCH METHODOLOGY

Unit 1: Research methodology: Definitions, Purpose of Research, Types of research, Research approaches, Research Methods, Stages of the research process, Background reading & information gathering: Literature survey, Hypothesis: Identification of Research Problem; Ethical issues in research, Data collection, Data recording and reproducibility, Importance of documentation.

Unit 2: Research ethics and Publication: Presentation of research findings: Elements of research publications; Seminar presentation; Patent; Paper writing; Journal impact factor, h-index; review process.

Unit 3: Laboratory safety: General health and safety concerns; What to do after splash/cut, Chemical hazards, commonly used hazardous laboratory chemicals (azide, perchlorate, nBuLi, acid chlorides, bromine, cyanide, mercury, etc), Personal protective equipment, Environmental safety issues: Fume hood safety, Safety data sheet, Waste handling, Disposal of chemical and plastic-waste; precautionary measure for the maintenance of laboratory equipment.

Unit 4: Statistical Methods and Computer Applications in Chemistry: Errors, precision and accuracy; Average Mean Deviation, Standard Deviation, Variance, Chi-square Test. Applications of Curve Fitting, Straight Line Fitting, Interpolation in solving chemical problems. Applications of commonly used Computer Softwares, such as Mercury, Origin, Excel, etc.

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Annexure II

LIST OF CANDIDATES QUALIFIED FOR WRITTEN TEST

Sl no.	NAME OF THE APPLICANT	GENDER	CATEGORY
1	Ankush Roy	Male	SC
2	Ibanrikynti Sun	Female	ST
3	Barrymore Nongsiej	Female	ST
4	Mebantei Janai Bang	Male	ST
5	Tipsngi Lucy Rymbai	Female	ST
6	Swmdwn Daimary	Male	ST
7	Maringmei Ganthuimeilu	Female	ST
8	Pdianghun Lyngdoh	Female	ST
9	Moyuresh Sarmah	Male	EWS
10	Carefully Kharmawlong	Female	ST
11	Ruhilan Za Najiar	Female	ST
12	Feronica Nongrum	Female	ST
13	Pynkmenlang War	Female	ST
14	Disaka Sungoh	Female	ST
15	Mirthfulness Siangshai	Female	ST
16	Lawanri Bareh	Female	ST
17	Trirangajyoti Dihingia	Male	OBC Non Creamy
18	H Priya Devi	Female	OBC Non Creamy
19	Khamphernaki Jana	Male	ST
20	Nafisa Sultana	Female	EWS
21	Olevioua Mutum	Female	OBC Non Creamy
22	Hmt Tabitha Kom	Female	ST
23	Kularskhem Shangdiar	Male	ST
24	Amit Tiwari	Male	EWS
25	Seventidora Snaitang	Female	ST
26	Dhaneswar Das	Male	SC
27	Alex Nelson Langstang	Male	ST
28	Akmenlang Pohshna	Male	ST
29	Bala Ai Jinghun Lyngdoh	Female	ST

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