

Head : Professor Asit Kumar Chandra
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Faculty/Staff :

Designation	Name and Qualification	Specialization
Professor	Prof.A.K.Chandra,PhD(Burdwan Univ.)	Computational Chemistry
Senior System Analyst	Mr.P.P.Dey, B.Tech(REC Warangal), M.Tech (NEHU)	Electronics & Communication Engineering, Information Technology
System Analyst	Mr.H.Kharshiing, B.Tech (Jawaharlal Nehru Engg College)	Computer Science & Engineering
	Mr.M.Kharjana, B.E. (Sardar Patel College of Engg.,Mumbai)	Computer Science & Engineering
Computer Operator	Mr.P.Kharlukhi, BCA	Computer Hardware & Networking

Thrust area of research in the Department/ Centre:

- Providing computation facility to faculty members, research scholars and students of the University
- Assisting Examination section in Automation Activities
- Conducting training programs in computer related subjects.
- Providing Computational Access to HPCC Cluster (SULEKOR) 24x7.
- Supporting ICT/ UMS related automation activities of the University

Brief statement of academic/other activities :

- a) Research Scholars and Teachers/non-teachers from various Departments/Centres utilize the facilities of the Centre for computational work, documentation and internet browsing.
- b) Several Short Term Courses are conducted throughout the year in the following :
 1. SPSS
 2. MATLAB
 3. C Programming
 4. Java Programming
 5. Windows & MS-Office.
 6. Webpage Designing
 7. Computer Hardware & Networking
- c) The Centre has been assisting Finance, Examination and Administration Departments of NEHU. System analyst and Data entry operators of the Centre are involved in the Examination Department's work.

Infrastructure facilities:

SULEKOR High Performance Cluster Computer :

SULEKOR Cluster was installed in March'2015. It has been in use by the University community primarily by Research Scholars from the Department of Chemistry, Physics, Bio-Chemistry, Biotechnology and BSSS. The system is in use for 7x24. The SULEKOR has primarily users for Fortran, Gromacs, Gaussian, AMBER, POLYRATE, BLAST, Espresso etc.

Configuration...

1	Master Nodes (2 U Rack Server) Dell, Model:R720, 2 Processor min 16 Cores	1
2	Compute Nodes Enclosures (Blade Chasis) Make : Dell Model : C8000	1
3	Compute Node Make : Dell Model : C8220	7
4	24-Port Gigabit Switch with 2 Combo Mini-GBIC ports Make : Cisco, Model : SG 9224	1
5	1 U Rack Console Make : Aten, Model : CL1000	1
6	42 u Rack Make : Valtrack	1
7	Cluster Management Open Source (Cent OS)	-
8	4TB 7.2K RPM Near-Line SAS 6Gbps 3.5in Hot-Plug	4
9	InfiniScale IV QDR InfiniBand Switch, 8 QSFP ports Make : Mellanox, Model : Inifini Scale IV QDR	1
10	InfiniBand Cards for the servers Make : Mellanox	7

Desktop PCs - 40 numbers.

Note: All the Desktop PCs are connected on a LAN with NEHU internet facility.

Other activities :

- The Centre organized LaTeX Workshop under SPOKEN Tutorial Project of IIT Bombay.
- Staffs of Computer Centre taught computer related courses to M.Sc.(Statistics) and B.Tech (Biomedical & Energy Engineering).
- Staffs are engaged as members of visiting team to affiliated colleges seeking affiliation or for renewal of affiliation.
- Staffs are engaged by the University to carry out examination work for NEHU as external practical examiner in various affiliated colleges.
- Staffs of Computer Centre deliver lectures in Orientation Programmes and Workshop organized by Academic Staff College, NEHU.
- Prof. A.K.Chandra and Mr. P.P.Dey are deputed by the University as Project Manager & Associate Project Manager respectively for the ongoing UMS implementation.
- Computer Centre repairs desktop computers from various Departments/ Centres of NEHU.
- Staff of the Centre provides assistance to Examination Section, Administration Section and Finance Section of NEHU in Computer Related activities.

Staff of Computer Centre are also engaged by Examination Section, NEHU and College Development Council, NEHU as and when required. Centre provides assistance to Finance Section, NEHU in Computer related work.