

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD
(DEEMED UNIVERSITY)**

(Established 1999)

Devghat, Jhalwa, Allahabad-211 011 (UP), India

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The Indian Institute of Information Technology, Allahabad (IIIT-A) has been conceived with the ambitious objectives of developing professional expertise and skilled manpower in Information Technology (IT) and related areas. This will enable the country to exploit efficiently emerging opportunities, and meet economic challenges being thrown up by the rapid global IT revolution, which is influencing virtually every area of development and social activity. As an apex nucleating Institute in the area of IT, the establishment of IIIT-A, is a major step of Government of India towards strengthening the indigenous capability necessary for exploiting profitably and harnessing multi-dimensional facets of IT at all levels, and attaining expertise to enable the country to emerge as a leading player in the global arena.

The Institute is a registered society under the Societies Registration Act and is governed by regulations and by-laws that govern similar premier educational institutions in India.

The Govt of India, on the recommendations of the University Grants Commission (UGC), has conferred the "Deemed to be University Status" to the Institute on August 12, 2000 under Section 3 of UGC Act by virtue of which the institute can award its own BTech, MTech, DPhil and other Degrees apart from Diplomas and Certificates.

Mission of the Institute

The mission of Indian Institute of Information Technology, Allahabad (IIIT-A) is to be a unique and world class nucleating “Apex Centre of Excellence” in the area of Information Technology and Allied Sciences for enhancing India’s technological strength in Information Technology and for becoming a pace-setting institution for other similar institutes to be established in future.

IIIT-A shall seek to derive its strength from its linkage with sound Indian traditions of centuries past and set out to create knowledge-based resources in regional languages of India.

Charter of the Institute

- ❖ To train and educate, at certificate, diploma, undergraduate and postgraduate levels, engineers of outstanding ability who may become leaders in the IT industry and profession.
- ❖ To carry out advanced research and development in leading edge technology areas in computer Hardware and Software which can be useful over comparatively on a long-term basis.
- ❖ To develop and promote national and international linkages by way of adjunct faculty, partnership in research, student exchange, credit transfer and joint degrees.
- ❖ To work for the creation and development of resource databases, associated software and courseware for all-important applications so as to ensure future availability of newer software technologies for English, Hindi and other Indian languages.

Governance of the Institute

1. **IIIT-Allahabad Society** : This Society was constituted vide F.No.39-5/98 TS.IV, of Govt. of India, MHRD, New Delhi on March 19, 1999 to facilitate the establishment of the Indian Institute of Information Technology Allahabad. It is currently chaired by Prof. A.R. Verma, Emeritus Scientist. The Society further comprises of Secretaries of Govt. of India, DG NIC and other star worlds from electronics, computers, communication and telecommunication industries. Director, IIIT-A is the Ex-officio Member Secretary of the Society.

2. **Board of Governors**: The Board of Governors of the Institute is the principal authority responsible for academic, financial and administrative matters of the Institute. Besides, it also has the ultimate responsibility for all the long term policy formulation, planning and development for overall growth and governance of the Institute. The Board has the power to constitute other subordinate and subsidiary groups/committees, as felt necessary by it , to ensure free and fair discharge of its functions, as entrusted to it by Govt. Of India, in the overall interest of the nation.

Current Chairman of the Board of Governors is Padma Bhushan Sri F.C. Kohli, Former Deputy Chairman, Tata Consultancy Services. Director, IIIT-A is the Ex-officio Member Secretary of the BOG.

3. **Finance Committee**: The Finance Committee of the Institute has the responsibility to look after resource mobilization, control of expenditure, etc. It is also responsible for stimulating resource generation from sources other than Government such as sponsored projects, research, consultancy, etc. and promotes Industry Institute Interaction.

Chairman of the Board of Governors is the Ex-officio Chairman of Finance Committee while Director, IIIT-A is the Ex-officio Member Secretary.

4. **Senate**: Senate of the Institute is a body which is responsible for maintenance of standards of teaching, evaluation, research and consultancy in the Institute. It has the responsibility to lay down policy guidelines and the directions to further the academic growth and development of the Institute.

Director, IIIT-A is the Ex-officio Chairman of the Senate, while Assistant Registrar is the Member Secretary.

5. **Building & Works Committee**: BWC of the Institute comprises of various statutory members who advised upon the building & other infrastructural requirements of the Institute keeping in view its future plans and projections.

Director, IIIT-A is the Ex-officio Chairman of the Building & Works Committee.

Accounts and Audit

The Institute has been established by Ministry of HRD, Govt. of India, New Delhi and is fully funded by it. The Annual Reports and Annual Accounts alongwith Audit observations are placed in the Parliament of India regularly. Every year Auditor General of UP on behalf of CAG of India undertakes the annual audit of the Institute.

Present Academic Status

At present there is BTech programme of 4 years duration, MBA (IT) & MPCLIS Program of two years duration. Four specializations in MTech programme VIZ. Software Engineering, Wireless Communications & Computing, Bioinformatics and Intelligent Systems, together with Ph.D. have been started from July 2002. Teaching and in house practical training are imparted in the Nehru Science Centre, Allahabad University as well as our new campus at Devghat Jhalwa (established in about 100 acres of land with modern IT savvy infrastructure). The laboratories are well equipped and are comparable to those anywhere in the world. The teaching is imparted by eminent faculty members in their fields. Each student is provided with latest model of computer with internet facility. Apart from foundation courses the students are exposed to the computers and other IT related areas within few weeks of their admission. The industrial tour and projects are essential components of the Institute courses.

Admission is offered through All India entrance examinations. Direct admission is, however, offered to foreign nationals and students living abroad. While for Indian Nationals, forms for entrance examination are made available by the organizing agency, for admission of foreign nationals and NRI's forms can be obtained directly from the Institute. Current student strength is 774.

The Institute has the facility of merit scholarships for its students of the value of Rs1500/- per month for BTech, MBA (IT) and MPCLIS students. Students (GATE Qualified) in MTech are awarded stipend @ Rs.5000/- per month.

Hostels: The Institute is fully residential. All the Hostels are provided with modern boarding and lodging facilities. There are separate Hostels for boys and Girls.

Games & Sports: The facilities for indoor and outdoor games and sports are available in the Institute as well as in the hostels, as per choice of the students.

Faculty: Core Faculty consists of Professors, Associate Professors, Asstt Professors and Faculty Associates (Senior Lecturers) who are highly accomplished in the academics relating to IT. Total number of Faculty Members in position is 27.

Technical Support: Besides there are highly qualified Network Engineers/Managers, Senior Design Engineers and Computer Engineers to help conduct intricate experiments and practicals with the help of most sensitive and sophisticated equipments in the electronics and other laboratories of the institute. Total number of support staff including administration, finance, establishment, etc. is 29 in addition there are project and contractual staff assisting the Institute.

Resource Persons: In addition to faculty, the Institute has established mutually beneficial linkages with a large number of industries and educational institutes in India and abroad.

All information regarding admission to various UG, PG and Doctoral programmes including fee structure and lodging /boarding in the Institute hostels are given in the respective brochures as a part of application forms.



Specific Brief of Courses of Study

BTech (IT) Eligibility 10+2 with Physics, Chemistry & Mathematics. **Duration** 4 yrs. **Admission** through entrance examination.

MTech (IT) with specialization in Bioinformatics, Software Engineering, Wireless Communications & Computing and Intelligent Systems. Eligibility: BTech. **Duration** 2 years. **Admission** Through GATE exam followed by Institute's Tests.

PhD Eligibility: MTech or equivalent degree. The form is downloadable from the Institute's website.

MBA(IT) Admission on CAT Score basis followed by Institute entrance Examination basis.

MPCLIS Two years full time Master Degree Program in Cyber Law and Information security. Admission on Institute's Entrance Examination Basis.

Short Term Off-Campus Courses

The Institute has plans to launch several short-term courses and Web based courses for off-campus students in emerging disciplines of IT in very near future.

RGIIT (A Campus of IIIT-A)

A Campus of the Institute has been established in April 2005, which has become operational from this academic Session. A full time B.Tech. in Information Technology Program is offered currently from this campus. The name of the Campus is 'Rajiv Gandhi Institute of Information Technology'

Major Academic events during Year 2004 -2005

- May 23, 2004-Professor RA Mashelkar, Director of CSIR and Secretary of DSIR, New Delhi visits IIIT-A
- May 29, 2004-IIIT-A bags lion's share in ongoing Universal Digital Library (UDL) project in the international steering committee meeting held in Carnegie Mellon University, Pittsburgh. President of India Prof. Abdul Kalam asks IIIT-A to adopt 100 villages in the country to be developed on the concept of Digital Panchayat while addressing the meeting of the Steering Committee of the Universal Digital Library in Carnegie Mellon University in Pittsburgh.
- July 2004-A dedicated team led by Prof GC Nandi, succeeds to come up with an Active Prosthetic Limb Design-that simulates actions and performs functions as a natural hand or a leg.
- August 2004-Two students of the IIIT-A develop a software that facilitates computation capacity comparable to the Super Computer, PARAM 10000 without the cost involved in it.
- August 2004- IIIT-A team started working in co-ordination with experts from the Institute of Radio-engineering and Electronics (IRE) of the Russian Academy of Sciences (RAS) to decipher the secrets of complex diagnostic images to predict heart ailments.
- September 14, 2004-A five day national workshop on 'Role Of IT in University Administration' was hosted by the IIIT-A for University Administrators under the aegis of Association of Indian Universities, New Delhi.
- October 19, 2004-Justice Yatindra Singh delivers a talk on Open Source Software and Intellectual Property.
- December 10, 2004- Prof V. Sambamurthy of Eli Broad School of Business at Michigan State University and Prof. Deepak Chandra of the Indian School of Business, Hyderabad deliver talks on the importance of IT in MBA.
- December 14, 2004-Prof. Satish Chandra General Manager of the Mitretek Corporation, Washington, USA delivers a lively talk on Network Convergence.
- December 22, 2004-Prof HN Talwar of the Physics Department of Indiana University of Pennsylvania, USA, delivers a talk on Novel laser materials and the latest developments and problems in the field of production of special kind of semi-conductors and research in this field, particularly in the area of computer and semi-conductors.
- December 23, 2004-Prof Satish K Tripathi, Provost and Executive Vice-President, academic affairs, Buffalo University, Sunny New York spoke on the Educational and technical Opportunities in the US.
- December 18, 2004- A three-day national seminar on Intellectual Property Rights which include copyright was organized by IIIT-A.
- February 26, 2005- A one day workshop on Open Source Software and Information Technology was organized by IIIT-A and inaugurated by Justice Yatindra Singh of the Allahabad High Court.
- March 05, 2005-Prof. S.L. Maskara of the Dirunhai Institute of Communication and IT, Gandhinagar, inaugurated a two-day national conference on Wireless Communication and Sensor Networks.
- March 18, 2005- Padamshree Prof. Balakrishnan, Chairman of SERC, IISc, Bangalore inaugurated the two-day national seminar on Optical Character Recognition with workflow and Document Summarization organized by the Universal Digital Library.

List of Major Ongoing Projects

Sl. No.	Project Name	Principal Investigator	Project Cost	Project Commencement	Project Duration
1.	Indo-Russian Centre for Biotechnology Phase II	Dr. Krishna Mishra	90.40 Lacs	2003-2004	2005-2006
2.	Universal Digital Library	Dr. Ratna Sanyal	95.00 Lacs (20+75)	2002-2003-2003-2004	Phase-1 (2 years) Phase-2 (2 years)
3.	Four Dimension Imaging System.	Dr. U. S. Tiwari	13.00 Lacs	2002-2003	2004-2005
4.	Modernization of CAD/CAM/FMS	Dr. G. C. Nandi	5.00 Lacs	2002-2003	2004-2005
5.	Development of an Intelligent Control System For Active Mobile Robot For Explosive Decontamination Mission	Dr. G. C. Nandi	5.00 Lacs	2002-2003	2004-2005
6.	ILTP-Project Development of Software & Hardware Project	Dr. G.C Nandi	154.50 Lacs	2005-2006	2007-2008
7.	ILTP– Russian Bio-Technology Application of EMF for Evaluation of Health of Vital Organs”	Dr. T. Lahri	22,90,400/-	2004-2005	2006-2007
8.	IIIT-A MHRD Project (R&D) Pharmaceutical Designing Project	Dr. T. Lahri	9.00 Lacs	2003-2004 14-1-2004	2 years
9.	Construction and Real-time 3D Visualization of Large Scale Geographical Virtual World CRTV Project	Dr. Anupam	7.00 Lacs	2002-2003	3 ½ years

Patents

Two patents have been registered in the name of the Institute during the year 2004-2005

Copyrights

Number of copyrights during the year 2004-2005 have been four.

Books & Papers

During the year 2004-2005 four books and 15 Research Papers in various National & International journals were published.

For further information please contact:

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