Indian Institute of Information Technology, Allahabad

REPORT OF THE UGC REVIEW COMMITTEE

The Indian Institute of Information Technology was established in the year 1999 by the Government of India, Ministry of HRD. After one year of its establishment, the Institute was accorded the Deemed-to-be-University Status on the recommendations of the Committee constituted by UGC vide Govt. Notification No. F.9-4/99-U-3 dated August 04, 2000. The Status was granted for a period of Five years, after which it was to be reviewed for further extension.

The UGC constituted its Review Committee vide their letter DO No. F.6-10/99(CPP-I) dated 5 July, 2006 to review the progress made by the Institute during the last five years on the Proforma prescribed therefor.

The Review Committee of the UGC visited the Institute on December 5-7, 2006. The following comprised the Review Committee:

1. **Prof. S. Xavier Alphonse, S.J.** — **Chairman**
   Commission Member
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   IInd Floor, 250 R.K. Mutt Road
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2. **Prof. D.R. Bhaskar** — **Member**
   Department of Electronics & Communication
   Jamia Millia Islamia, New Delhi-110025

3. **Prof. Yogesh Singh** — **Member**
   University School of Information Technology &
   Controller of examinations
   Guru Gobind Singh I.P. University, Delhi-110006

4. **Dr. Om Vikas** — **Member**
   Director
   IIIT-M, Gwalior

5. **Sri Madan Mohan Rastogi** — **Coordinator**
   Under Secretary, UGC

The Review Committee visited the IIIT-A Campus and its RGIIT-Amethi Campus, interacted with Faculty Members, Officers, Staff Members and Students. It also visited the various Labs and took stock of the various academic, R&D activities and future perspective developmental plans of the Institute.

The following is the Report of the Review Committee :

PART – I

1.1 The Indian Institute of Information Technology that was established during the Ninth Plan on 12th August, 1999 with 60 students on its rolls with B.Tech Degree Courses in two streams IT and Electronics & Communication has now grown to a formidably a big Institution with about 1000 students on its rolls. Its Academic activities have also grown from B.Tech Degree Course under the UG Program to M.Tech in four branches - (Intelligent Systems, Wireless Communication & Computing, Bioinformatics & Software Engineering), MBA (IT) MS(CLIS) apart from R&D Research Programs in important facilities. The Institute **has achieved National & International Status of an important Institute of learning with 11th Position in the Country among the top-ranking technical Institutes in the reckoning of DataQuest.**

1.1.1 The Institute has the following Mission :

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.

1.1.2 The following is the Vision of the Institute :

Vision 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.

1.2 The Student enrolment during the last seven years from 1999 to 2006 has grown as follows :

Year	Programme				TOTAL
	B.Tech	M.Tech	MBA (IT)	MS(CLIS)	
IIIT-Allahabad Campus					
1999-2000	90	-	-	-	90
2000-2001	150	-	-	-	150
2001-2002	270	-	-	-	270
2002-2003	390	60	-	-	450
2003-2004	450	120	-	-	570
2004-2005	480	140	50	30	700
2005-2006	540*	160	100	60	860
2006-2007	660*	180	110	80	1030

* **Note :** The figures include student strength enrolled at RGIIT-Amethi : 60 in 2005-2006 and 120 in 2006-2007

The above figures show that there has been steady increase in the enrolment of students in UG and PG programs during the last about Eight years.

1.3 No. of Full-time Faculty

Year	Ph.D.	PG	Graduation
2006-2007	20	15	-
Adjunct Faculty	4		
Distinguished Visiting Faculty	20		
	44	15	

The above position shows that the Institute has had well qualified and experienced Faculty.

1.4 Details of Staff

Year	Faculty	Technical		Administration	
2006-2007		Regular	Project Mode	Regular	Project / Contract Mode
	35	09	07	19	18

1.5 Growth of Program for the last six years

Year	Program	No. of Programs
1999-2000	B.Tech (IT)	01
2000-2001	B.Tech (IT)	01
2001-2002	B.Tech (IT)	01
2002-2003	B.Tech (IT) and M.Tech (IT) [WCC, BI, IS]	04
2003-2004	B.Tech (IT), M.Tech (IT) [WCC, BI, IS & SE]	05
2004-2005	B.Tech (IT), M.Tech (IT) [WCC, BI, IS & SE], MBA (IT), MS(CLIS)	07
2005-2006	B.Tech (IT), M.Tech (IT) [WCC, BI, IS & SE], MBA (IT), MS(CLIS)	07
2006-2007	B.Tech (IT) and B.Tech (E&C), M.Tech (IT) [WCC, BI, IS & SE], MBA (IT), MS(CLIS)	08

From the above, it would appear that the Institute has a steady growth of Academic programs in various dimensions of Information Technology, Management and Cyber Law & Security.

1.6 Research Projects

Year	No. of Projects	Sanctioned Amount (Rs. in Lakhs)	Amount Received (Rs. in Lakhs)
2001-2002	1	62.10	62.10
2002-2003	07	172	162
2003-2004	02	196	99.40
2004-2005	03	101	113.2
2005-2006	03	75	17.5
2006-2007	03	180	47.00
Total	**19**	**786.10**	**501.20**

During the last Six years, the Institute has had as many as 19 Projects from various funding agencies to the tune of **Rs. 786.10 Lakh**. From the details of the Projects, it transpired that the Projects undertaken by the Institute are of wide importance and applicability to Science & Technology and their importance to the Academia as well as public at large.

1.7 Publications in Journals / Conferences & Books by the Faculty

Sl.No.	Name of Faculty	No. of Publications
1.	M. D. Tiwari	160
2.	C.M. Bhandari	65
3.	M. Radhakrishna	60
4.	Krishna Mishra	250
5.	G.C. Nandi Dean (Academic)	60
6.	U.S. Tiwary	33
7.	Sudip Sanyal	10
8.	Shekhar Verma	15
9.	Anupam Agrawal	32
10.	Tapobrata Lahiri	20
11.	C.V.S. Siva Prasad	08
12.	Anurika Vaish	10
13.	Madhvendra Misra	04
14.	Shveta Singh	12
15.	Arpita Khare	11
16.	Vijaishri Tewari	03
17.	Pritish Kumar Varadwaj	06
18.	Vrijendra Singh	04
19.	Vijay Chaurasiya	01
20.	Shashi kant singh	05
21.	B.S. Sanjeev	07
22.	Sharique M. Rizvi	05
23.	Sudipta Ray	13
24.	Priya Gupta	01
25.	Vandana Agarwal	02
26.	Neetesh Purohit	02
27.	Manjari Gupta	05
28.	Dr. Sanjay Singh	10
29.	Mrs. Shefalika Samaddar	11
30.	Sandeep Dixit	05
31.	Ankur Purwar	10
TOTAL PUBLICATIONS		**840**

1.8 Financial Position of the Institute (from 2001-2002 to 2005-2006)

Rs. in lakhs

S.No.	Yearwise	Income					Expenditure		
		Grant			Internal Sources (Tuition Fee, Entrance Test Fee, Interest, Misc Receipts)	Total Income (Grant + Own Sources)	Plan	Non-Plan	Total Expenditure
		Plan	Non-Plan	Total Grant					
1	2001-02	1470	--	1470	208	1678	1237	369	1606
2	2002-03	225	450	675	483	1158	854	500	1354
3	2003-04	800	450	1250	304	1554	1020	529	1549
4	2004-05	450	450	900	305	1205	454	601	1055
5	2005-06	1100	463	1563	317	1880	1100	766	1866
	Total			**5858**	**1617**	**7475**			**7430**

The Income from Internal Resources of the Institute has been steadily growing on account of increase in the number of students except for the year 2002-2003 when the income rose to Rs. 583 lakhs on account of interest earning on the receipt from holding of entrance examination by the Institute during the previous two years.

Further, the above statistics would show that the Plan and Non-Plan Grant provided by the Government had not been enough to meet the expenditure over the last Five years and the Institute has had to fall back upon its Income from Internal Resources, which otherwise would have strengthened the Corpus of the Institute.

Further again, the figures show that whereas the government is committed to sanction Non-Plan Grant to the Institute commensurate with its cost of maintenance but during the last Five years, the Grant on the Non-Plan side has fallen short of the requirements of the Institute.

1.9 Placement Details

B.Tech	
Batch	**No. of Placements**
1999	51
2000	59
2001 (2 Batches)	122
2002	61
2003	50
2004	97
TOTAL	440

The above shows that the Institute has had a steady growth rate of placements of its students. From the list of placements as given in the Progress-Cum-Performance Report of the Institute, it transpires that the students have had placements in Nationally and Internationally renowned Companies / Organizations.

1.10 Conferences / Seminars / Symposia attended by Faculty

Sl. No.	Name of Faculty	No. attended
1.	Dr. M.D. Tiwari	25
2.	Dr. U.S. Tiwary	17
3.	Ms. Anurika Vaish	10
4.	Prof. G.C. Nandi	21
5.	Dr. Anupam Agarwal	12
6.	Dr. T. Lahiri	05
7.	Prof. Krishna Mishra	06
8.	Ms. Shveta Singh	05
9.	Mr. Sudipta Ray	04
10.	Ms. Priya Gupta	01
11.	Mr. Pritish Kumar Varadwaj	11
12.	Mr. Vijay Kumar Chaurasiya	04
13.	Mr. Shariq Rizvi	07
14.	Mr. Vrijendra Singh	04
15.	Ms. Vijaishri Tiwari	03
	TOTAL	**135**

1.11 Seminars / Conferences organized by IIIT-A during the last Five years

Year	No. of Seminars / Conferences / Workshops / Talks / Lectures/ Symposia
2000-2001	04
2001-2002	02
2002-2003	02
2003-2004	07
2004-2005	12
2005-2006	06
2006-2007	03 (upto August 2006)
TOTAL	**36**

The above number of Seminars / Workshops / Conferences organized by the Institute over the last Seven years shows that the Institute has been continuously engaged in the pursuit of its Academic activities to promote research and projects that are relevant to its Academic excellence and importance to the public at large. Further, the particulars of Seminars & Workshops given in the Progress-Cum-Performance Report shows that Scientists, Academicians and Technologists from all over the world have been invited by the Institute to participate in these academic activities of the Institute.

1.12 Faculty : Student Ratio in the Institute

From the growth of students on the Campus of the Institute as given in Para 1.2, the Number of students during the year 2006-2007 is 1030, whereas the number of Regular Faculty is 35. This shows that the Faculty : Student Ratio as during the current year is 1 : 30. If we include Adjunct and Guest Faculty, then ratio is 1 : 18.

1.13 Outreach to other Institutions

The Institute has the following collaborations with International Academic Institutions :

1. **Carnegie Mellon University, Pittsburgh**
2. **California University, Riverside, USA**
3. **State University of New York, Buffalo**
4. **Massachusetts Institute of Technology, USA**
5. **Gwangju Institute of Science & Technology (GIST), Korea**
6. **Canberra University, Australia**
7. **EPFL - Louisiana and ETZ – Zurich, Switzerland**
8. **Aalborg University, Denmark**

9. **Purvanchal University, Nepal**
10. **Ghana Institute of Management and Public Administration (GIMPA), Ghana**

Under the terms of the MoU with these Institutions, the Institute has developed program of interchange of students for Academic activities. Thus, the students and teachers of the Institute have commendable outreach to other Institutions for exchange of Academic knowledge.

1.14.1 Growth in infrastructural facilities

During the Ninth Plan, the Institute has developed the following space for its Academic, Residential and Administrational Facilities :

Name of the Building	Ownership	Plinth Area	Covered Area	Cost / Estimated Cost	Status of building i.e. complete / incomplete	Whether plans & estimates approved by Competent Authority
Administration Block	I I I T . A L L A H A B A D	3,051.00	3,051.00	2,89,84,500.00/-	Completed in 7/03	Yes
Lecture Theatre		4,046.00	4,046.00	3,84,37,000.00/-	Completed in 7/03	Yes
Library (Elect)		1,675.00	1,675.00	1,59,12,500.00/-	Completed in 7/03	Yes
Computer Centre Lab I		4,070.00	4,070.00	3,86,65,000.00/-	Completed in 7/03	Yes
Computer Centre Lab II		4,170.00	4,170.00	3,96,15,000.00/-	Completed in 7/03	Yes
Guest House		2,299.00	2,299.00	2,07,59,900.00/-	Completed in 7/03	Yes
Faculty Hostel		2,532.00	2,532.00	2,28,63,900.00/-	Completed in 7/03	Yes
Girls Hostel		1,870.00	1,870.00	1,68,86,100.00/-	Completed in 7/03	Yes
Boys Hostel – I		5,011.00	5,011.00	4,52,49,300.00/-	Completed in 7/03	Yes
Director Residence		270.00	270.00	24,38,100.00/-	Completed in 7/03	Yes
Dean / S. Professor Residence (8 Unit)		1,309.00	1,309.00	1,18,20,200.00/-	Completed in 7/03	Yes
Professor Residence (4 Unit)		478.00	478.00	43,16,300.00/-	Completed in 7/03	Yes
Assistant Registrar / OS (2 Unit)		210.00	210.00	18,96,300.00/-	Completed in 7/03	Yes
Boys Hostel – II		4,981.00	4,981.00	4,12,50,000.00/-	Completed in 7/03	Yes
Meter Room		16.00	16.00	1,44,000.00/-	Completed in 7/03	Yes
Sump Room		200.00	200.00	18,00,000.00/-	Completed in 7/03	Yes
Electric Sub Station		570.00	570.00	51,30,000.00/-	Completed in 7/03	Yes

1.14.2 During the Tenth Plan Period, the Institute had planned the following additional accommodation to augment its requirements of growing student population on the Campus as also to complete the facilities that were not planned in Phase – I :

Name of the Building	Ownership	Plinth Area (Sq. Mtr)	Covered Area	Cost / Estimated Cost	Status of building i.e. complete / incomplete	Whether plans & estimates approved by Competent Authority
Boys' Hostel – II	I I I T - A L L A H A B A D	6387	6387	3.75 Crs.	Since Completed	Yes
Boys' Hostel – III		6387	6387	6.27 Crs.	Estimates given by CPWD have been approved by the Institute and the construction activities have been taken up by them	Yes
Married Scholar Apartments		3500	3500	3.54 Crs.		
Residential accommodation for teaching / non-teaching staff		7263	7263	6.35 Crs.		
Student facilities, Health Centre, Bank, Post Office, Telephone Exchange, Shops & Dormitory		1535	1535	1.78 Crs.		
Girls Hostel – II		1081	1081	1.24 Crs.		
Auditorium		3000	3000	4.40 Crs.		
Swimming Pool		1000	1000	0.80 Crs.		

1.15 The Growth of labs, equipments and other infrastructural facilities

The Institute has 29 labs to carry out its academic activities, each of which is fully equipped with equipments acquired from National / International market that are heartthrob of IT education / experimentation. The list of equipments having a cost of more than Rs. 1 lakh are given in Annexure – 9 of the Progress-Cum-Performance Report of the Institute.

1.16 Library and Journals

Although the Institute is only Seven years old, it has developed its library meticulously to suite the requirements of academic activities of students and teachers. It has acquired about **12000** latest Books on IT education and other related sciences, 12 National and 31 International Journals.

The cost of the books is Rs. 85,72,535/- and the cost of Journals is 13,50,000/-.

The Institute is in constant endeavour to enrich its Library with latest Books and Journals as literature on IT and related Sciences is prone to fast change.

1.17 Facility for Students

The Institute offers the following facilities to the students of all categories:

1. Hostel accommodation to make the Institute fully residential
2. Internet Facilities all the 24-Hours
3. Labs are open to the students till they can work in the late evening
4. 24-Hour water and electricity on the Campus
5. Free Medical facility in leading Hospitals in the City and Free Medical treatment by Doctors engaged by the Institute for day & night services
6. Free Bus services for to-and-fro journey to the different Hostels, Campuses and Bus / Railway stations & Markets in the City
7. Facilities for Outdoor / Indoor Games
8. Healthcare / Gym for students
9. Arrangement of refreshment in the Institute Canteen during Daytime
10. Educational Loans from recognized Banks of the Institute
11. Financial help from the Institute Alumni Fund
12. Subsidized Financial tours by the Industrial establishments

1.18 Financial assistance to SC / ST and General Category students

The following scholarships / fellowships / assistantships / freeships are available for students studying in this Institute for various UG, PG and Doctoral courses in the Institute for different categories of students. They are as given below:

1. **Institute Sponsored Scholarship for Meritorious Students** - The Institute awards five scholarships @ 1500/- per month to its B.Tech Degree Course students for each batch on the results of first five positions at the end semester examination.
2. **Assistantship to UG / PG / Doctoral students** (vide GoI, MHRD Circular F.No. 30-4/2000-TS.I dated December 20, 2001 & Circular F.No. 23-1/2002-TS.I dated November 5, 2002).
3. **Post Matric Scholarship for SC / ST category students only** (vide Ministry of Social Justice & Empowerment Circular No. 11017/7/2002-SCD-V dated January 28, 2004).
4. **Physically Handicapped / Challenged students** (vide Ministry of Social Justice & Empowerment).
5. **General Category poor / meritorious students of UP** whose parents live below poverty line (vide GoUP Circular No. 2172/26/03-04/4(134)/04 dated 16 August, 2004).
6. **General Category poor / meritorious regular students of UP** (CHHATRA KALYAN NIDHI Scholarships vide GoUP Circular No. 20/sa<ar–Ca0k0ina0À1³14´À2003 dated 12 July, 2004).

7. **Pratibha Scholarships** by Andhra Pradesh Govt. to AP students only.
8. **Birsa Munda Scholarship** to ST students of Jharkhand State only.
9. **Scholarships / Loans by specified Trusts / Organizations** to specific students chosen for the purpose, such as Jindal Trust scholarship, UP Minorities and Financial Development Corporation Ltd. (a Govt. of UP undertaking), Central WAKF Council, Postal Department Scholarships for Department Employees only, B.R. Ambedkar Foundation Fund scholarships, (UP Govt.) etc.
10. **Bank Sponsored scholarships for meritorious students** – Indian Overseas Bank, Canara Bank & Vijaya Bank.

11. Earn-While-You-Learn

Apart from the above scholarships and financial aids, the Institute has launched financial aid to poor and meritorious students on the Earn-While-You-Learn Basis for doing some administrative, academic and project work in the spare time to finance their studies. Each year, about 150 students are benefited under this scheme.

1.19 Facility for Faculty and Staff

1. Contributory Provident Fund for all Teaching / Non-Teaching Employees
2. Conveyance Allowance as applicable to Central Government employees
3. Bonus as applicable to Central Government employees
4. Medical facilities with reimbursement facilities at authorized and referred medical hospitals
5. Assured Career Progression as available to Central Government employees
6. Group Insurance Facilities of Life Insurance Corporation of India
7. Facilities for Welfare Fund
8. Administrative Governance
9. Book Assistance of Rs. 4000/- p.a. per faculty
10. Travel cost to attend National and International Conferences
11. Free Phone facilities
12. Power Consumption upto 1000 Units free

1.20 Administration and Governance

The Institute is governed by its Governing Bodies comprising Board of Governors, Senate, Finance Committee, Building & Works Committee etc.

During the last Six years, the Board of Governors had as many as 20 Meetings, the Finance has had 16 Meetings, the Senate had 12 Meetings and the Building & Works Committee had 16 Meetings.

1.21 Extra-Curricular Activities

Apart from the Academic curricula, the students of the Institute have Extra-Curricular activities that are conducted through the various Clubs that the Institute has organized for different activities. The following are the Clubs for Extra-Curricular activities:

1. Program Management & Publicity Club
2. Dramatics Club
3. Literary Club
4. Dance Club
5. Music Club
6. Sports Club
7. The Thunderbolt Club

Apart from the above activities through the different Clubs that go on continually throughout the year, the students of the Institute have an Annual Cultural Function with the name **"Effervescence"** which is very popular not only among the employees of this Institute but also among the student fraternity and public in and around Allahabad.

PART – II

THE FUTURE ASPIRATIONS OF THE INSTITUTE

2.1 Uniqueness of the Institute

- IIIT-A is a unique Institute than other present Institutes in INDIA as students at IIIT are given diverse responsibilities and allowed to work in teams.

- Maintenance and running of Servers, Personal Computers, Networks, Institute Websites, etc. Students fabricate/assemble PCs for their use in the Institute and in various other activities. This enables partial hardware training to students. Cost reduces significantly and systems are far better than a market. There is no maintenance cost.

- Teaching Methodologies where Senior students not only guide their juniors but also teach them in Classes and guide them in Lab work is being successfully carried on.

- Each and every student is provided with a computer system in his hostel room where he/she may be able to work on the computer system all the 24 hours and develop his skills in Information Technology.

- **'Earn while you Learn' basis by engaging the poor and meritorious students** in the projects, research, teaching and lab works and other aspects of Institute's functioning wherever possible to help them raise some Financial assistance.

- Student-Industry Interaction: A pre-grooming stage where students are asked to work on Live Projects from Industry and Provide necessary Solutions.

- Emphasis on research and development in the areas of Wireless Computing, Intelligent System, Biotechnology, Robotics & other areas of National & International interest.

- Centres in Specialized Areas :
  1. Centre of Excellence in Microelectronics
  2. Centre of Excellence in Wireless Sensors and Senses
  3. Centre of Excellence in Telecommunications
  4. Discovery Park

- Outreach programmes to apply IT innovations for the benefits of the Society at large
- To become 7th in Top IT Schools of India

2.2 Aspirations through the XIth Plan

2.2.1 Growth of student strength on the basis of sanctioned strength

During the XIth Plan from 2007 to 2012, the Institute would have as many as 1930 student strength on the Campus on the existing rate of intake and on the existing academic activities as given below for both Campus (IIIT-A and RGIIT-Amethi) taken together:

Year / Course	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
B.Tech (IT)(E&C)	900	1080	1200	1200	1200
M.Tech	240	240	240	240	240
MBA	300	360	360	360	360
MS(CLIS)	100	100	100	100	100
Ph.D.	30	30	30	30	30
TOTAL	**1570**	**1810**	**1930**	**1930**	**1930**

2.2.2 According to the government policy for OBC Reservation, the student strength during the XIth Plan would be increased by 54% at the intake rate of July 2006. Based on this, both Campuses of the Institute at IIIT-A and RGIIT-Amethi will have additional 990 student strength as follows:

Year / Course	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
B.Tech (IT)(E&C)	-	162	322	482	652
M.Tech	65	130	130	130	130
MBA	64	128	128	128	128
MS(CLIS)	32	64	64	64	64
PhD	08	16	16	16	16
TOTAL	**170**	**500**	**660**	**820**	**990**

2.2.3 Based on the projection of stabilized strength at the end of the Ninth Plan, with and without 54% increase in intake, the student strength at the Campuses of IIIT-A will go to 2920 as given in the Chart below:

Sl. No.	Description of Courses	Projection of Stabilized strength at the end of XIth Plan (Without 54% increase – Ann –1)	Projection of stabilized strength at the end of XIth Plan (With 54% increase – Ann –2)	Total Projection of stabilized strength at the end of XIth Plan
1	*2*	*3*	*4*	*5*
I I I T - A l l a h a b a d				
1	B.Tech	1200	650	1850
2	M.Tech	240	130	370
3	MBA	360	130	490
4	MSCLIS	100	65	165
5	Ph.D.	30	15	45
	TOTAL	1930	990	2920

2.2.4 Faculty strength required at the end of the XIth Plan would be 248 as given in the following Chart:

Sl. No.	Total Sanctioned student Strength at IIIT-A at the end of XIth Plan (Ann – 1)	No. of Faculty Positions required @ 1 : 10	Total additional student strength @ 54% at the end of XIth Plan (Ann – 2)	No. of Additional Faculty Positions required @ 1 : 10	Total Faculty Positions required	Sanctioned Faculty Positions	Required Faculty Positions
1	2	3	4	5	6	7	8
IIIT-Allahabad Campus							
1.	1330	133	665	67	200	45	155
RGIIT-Amethi Campus							
1.	600	60	325	33	93	NIL	93
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

2.2.5 Requirement of Non-Teaching Staff

On the basis of Faculty : Non-teaching Staff ratio of 1 : 1, the requirements of Non-teaching Staff would be as follows:

1.	Required Staff at the end of the XIth Plan as above would be	293
2.	Sanctioned strength	29
3.	Staff required to be sanctioned	264

2.3 The XIth Plan will enhance the aspirations of the Institute in terms of Faculty and Non-Teaching Staff as also for other infrastructural facilities based on the enhanced academic activities during the plan period.

Accordingly, aspirations of the Institute for **Rs. 152 Crores** has been made to the government vide letter no. IIIT-A/DIR/Act.Plan: 06-07/5105/2006 dated March 01, 2006 on the basis of sanctioned student strength, the break-up of which is given below:

Additional accommodation for Hostel, Office Space, Labs, Classrooms, Residential, Seminar Rooms, have been worked out and given in the accompanying chart, according to which the following increase space would be required :

(1). Hostel Accommodation

a) Two Boys Hostel	-	Space : 9180 Sqm
b) One Girls Hostel	-	Space : 1620 Sqm
c) Research Scholars	-	Space : 1500 Sqm
TOTAL		**12300 Sqm**

(2). Office Space

a) Faculty Members	-	Space : 860 Sqm
b) Support Staff	-	Space : 903 Sqm
c) Research Scholars	-	Space : 210 Sqm
TOTAL		**1973 Sqm**

(3). Laboratories **Space : 7200 Sqm**

(4). Classrooms

B.Tech (E&C)	-	Space : 440 Sqm
M.Tech (2 new courses)	-	Space : 180 Sqm
MBA (2 new courses)	-	Space : 440 Sqm
TOTAL	-	**1060 Sqm**

(5). Residential

Professors	-	Space :1800 Sqm
Associate Professor	-	Space :3120 Sqm
Assistant Professor	-	Space :5000 Sqm
Support Staff	-	Space :12900 Sqm
TOTAL		**22820 Sqm**

(6). Seminar Rooms **Space : 450 Sqm**

Based on the above requirements of funds, apart from provision for academic and non-academic positions, funds to the tune of Rs. 152 Crores would be required for creating the above and other incidental infrastructural facilities.

2.4 **Similarly, as a result of OBC reservation @ 54% increase in intake of students during the XIth Plan, the additional space requirement of 22,100 will be required as below:**

(1). Hostel Accommodation

a) Two Boys Hostel	-	Space : 12630 Sqm
b) One Girls Hostel	-	Space : 2220 Sqm
c) Research Scholars	-	Space : 750 Sqm

[redacted]

(2). Office Space

d) Faculty Members	-	Space : 1000 Sqm
e) Support Staff	-	Space : 700 Sqm
f) Research Scholars	-	Space : 105 Sqm

[redacted]

(3). Laboratories [redacted]

(4). Classrooms

B.Tech (E&C)	-	Space : 1100 Sqm
M.Tech (2 new courses)	-	Space : 270 Sqm
MBA (2 new courses)	-	Space : 1320 Sqm
MSCLIS	-	Space : 220 Sqm

[redacted]

(5). Residential

Professors	-	Space :2250 Sqm
Associate Professor	-	Space :3900 Sqm
Assistant Professor	-	Space :5500 Sqm
Support Staff	-	Space :10000 Sqm

[redacted]

(6). Seminar Rooms [redacted]

Apart from the funds required for Teaching and Non-Teaching positions, the creation of the above infrastructural facilities would cost **Rs. 128 Crores** as given below for which proposal has been sent to the government vide letter no. IIIT-A/DIR/OBC-DPR/2900/2006 dated October 30, 2006:

Sl. No.	Particulars	Additional requirement on account of 54% increase in intake
1	Campus Development	450 lakh
2	Assistance to SC / ST Students	100 lakh
3	Gender Promotion Program	50 lakh
4	Rainwater Harvesting	100 lakh
5	Installation of Intelligent Security Systems	200 lakh
6	Creation of self-contained Placement Centre	200 lakh
7	Earn-While-You-Learn Scheme	100 lakh
8	Creation of space for projects to be undertaken	400 lakh
9	Space to create Industrial base	600 lakh
10	Space for innovative centre (workshop and hardware development)	300 lakh
	Office Equipments and other infrastructural Facilities	400 lakh
	Total	**2900 lakh**
	Grand Total (Para 9+10)	**12775.30 lakhs**
	GREAT GRAND TOTAL	**128 Crores**

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PART-I Commendations

1. The Committee appreciates the dynamic and Focused leadership of Dr. M.D.Tiwari. The Director has taken a lot of pain to bring the institute to the present level. He is well accepted by the teaching staff/non-teaching staff and students. He takes care of their needs. He is helped by a group of talented and hard working faculty members. The Committee places on record his valuable contributions.

2. IIIT has been well conceived and maintained during the last seven years.

3. The Committee has witnessed the gradual and phased development of the institute is carefully planned and executed. The Committee takes the notice of the completion of the infrastructure facilities by the year 2008.

4. The Committee appreciates the good and sprawling campus, well maintained infrastructure facilities like hostel, labs, residences for the staff etc . The centralized air-conditioned campus and power back-up are excellent. There is a un-interrupted power supply of electricity for the 24 hours.

5. There is a blend of qualified, senior and Junior staff who try to provide quality education

6. The Committee takes note of the Extension Campus at Amethi which has become operational within a short period. This will become full-fledged campus in 65 acres of land with all the facilities and also will make efforts to provide Information Communication Technology (ICT) to the rural community through project of Discovery Park.

8/

7. The Committee places on record the activities of International collaboration of the institute abroad. It also provides expertise to developing countries like Ghana, Nepal , Bangladesh in IT field.

8. The institute has taken a lot of projects. The latest being the institute is declared a centre for excellence for Microelectronics with a grant of Rs.200 crores

9. The institute manages a national character by admitting students from 18 states of India and they are admitted through AIEEE for B.Tech, CAT for MBA and GATE for M.Tech. and through proper selection procedure.

10. The Committee appreciates the active support of Alumni association

11. There are a good number of students having internship with industries and abroad.

12. The Objectives of the IIIT are fulfilled through this institution such as Focussed Research, Leadership and Capacity building in IT field and in social sensitivity and community service

13. There is harmonious relationship between the teaching, non-teaching staff and students.

14. The institute has a good and well equipped library with sufficient number of text books and also material is available through internet

15. The institute has 1000 computers and 50 servers and connectivity is provided to the entire campus and is very well maintained.

16. There is good work culture and new staff that comes in imbibes this work culture and they also participate in the building of the institute.

17. There is lot of freedom and opportunities given to the teaching staff for higher studies and for research. They enjoy the atmosphere and get encouragement and support from the management.

18. The various aspects of the campus are well maintained like sanitation, security. Horticulture is outsourced to forest department of the Government. The cleanliness and the greenery of the campus is well maintained because of outsourcing.

19. Prevailing system of the promotion of the faculty on the basis of performance based should be continued

20. The visiting faculty that is invited into the institution are distinguished scientists/engineers and professors from various reputed institutions of the country to introduce the students of the latest trends in management and IT.

Recommendations

3.1 Students

1. It is recommended that quality of teaching be improved. The quality of teaching suffers on account of a large number of new entrants in various faculty positions. There should be more interaction and guidance from the senior faculty members to the junior in all aspects of teaching, learning, evaluation etc.
2. Additional hostel facilities should be increased for the students
3. It is recommended that free access should be given to the students in the library and to publications and journals

4. Sports facilities should be increased and a bigger auditorium may be built for cultural activities.
5. course structure of cyber law and information security should be clearly defined
6. Efforts may be initiated to include MS cyber law and information security course in the list of UGC approved courses
7. Student exchange programme between institutes should be encouraged
8. Efforts should be made to recruit regular and experienced faculty as there is severe shortage of senior faculty. Students expects high level of academic standards.
9. It is recommended that M.Tech students should be allowed to do research work with the industries.
10. No teacher should be overburdened with guidance of research projects. A teacher may be allowed to take 5 students at a time.
11. It is recommended that money charged for industrial tour should be utilized for the purpose and regular industrial tours may be conducted.
12. Quality of food in the hostel should be improved. Members of the mess committee comprising students should have an active voice in the running of the mess. Students feel that the contractor is the sole authority and they have no say in the matter.
13. Special labs like software and the teaching of English management should be established and other project management tools should be purchased

3.2 Non-teaching

1. There is a severe shortage of permanent post of Technical and Non Technical staff.
2. Many of the non-teaching staff are paid inadequate salary. Immediate action should be taken to enhance their salaries because of the tremendous contribution they are making to the upkeep of the institution.
3. They should also be given other facilities like medical and extra remuneration and other facilities like the teaching staff.
4. In this context a dispensary should be established in the campus

3.3 Teaching Staff

1. Efforts should be made to employ senior staff at permanent positions and this also applies to Amethi campus, as at present there are only 2 professors, 3 Associate Professors and 5 Assistant Professors in the institute
2. It is recommended that teaching staff should undertake serious research projects and publications in the national and international journals of repute in Information Technology
3. Though the institute has started involving itself in socially oriented research projects, it is recommended more involvement should be there by the faculty members in socially oriented and community based research projects taking ICT to the rural community, ~~hence~~ improving the quality of ~~level~~ life of the rural poor.

5. There should be Technological Business Incubator
6. Efforts should be made to develop second level leadership that can handle dynamics of the institute
7. The Institute may employ Scientists/ Engineers for teaching assistance for lab management
8. Team projects and interdisciplinary projects should be encouraged at UG/PG and, so that real complex problems could be tackled and reasonable solutions could be provided.
9. Short term course should be designed for the new faculty to enhance their capability in order to improve the quality of teaching.

The Committee unanimously recommends the continuation of Deemed to be University Status to Indian Institute of Information Technology, Allahabad for a further period of five years.

Xavier Alphonse, SJ 7/12/2006
Prof. S. Xavier Alphonse, S.J.

D.R.Bhaskar 07/12/2006
Prof. D.R.Bhaskar

Prof. Yogesh Singh

Dr. Om Vikas

4. There should be a separate faculty for humanities and applied sciences and also for developing management skills, planning and communicating skills
5. MBA program should be broad based and should incorporate engineering technology management

4. Future Directives

1. Good care has been taken for the horizontal growth. Now attention should be made towards the vertical growth of maintaining high level of quality education in engineering and ICT. Since the institute is going to enter into 3rd phase of development of establishing a bench mark and international standards.
2. There should a focused research in major and minor projects emphasizing development of Hi-tech solutions to the real problems of life of the people in the low tech environment
3. Institute should try to develop software products using open source technology. There is a possibility of establishing standards for the nation.
4. Research index should be developed in the following manner:-

	National	International	Referred National / International		Patents
(%)	5	5	20	10	.5

Publication/ patents	
Journals	

* % indicated refers to the total number of students and faculty members.