



# CIT Updates

Quarterly Online Newsletter of the  
FTK-Centre for Information Technology

Issue #

5

January-March  
2009

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## Editorial



After completing one year of this newsletter, we are now launching this new issue with a different cover design and some changes in its general outlook. Hope the readers would like it.

During the first quarter of 2009, we organised two important events, one of which relates to sustainable development, which is a very important issue for any institution. Considering the significance of Information Technology in reshaping higher education in the 21st century, a Conference on "Sustainable Development and Management of Information Technology in Universities and Colleges" was organized by FTK-CIT during 26-27 February 2009. This was followed by another important event - a Training Programme on "Computer ki Dunia aur Hindi", held in March 2009. The focus of the training was to enhance the skills of working on computer through Hindi medium, which was attended by the students of the Department of Hindi of the University in which some faculty members also participated.

This newsletter also covers activities of various sections of FTK-CIT during this quarter. In particular, the MIS-based statistical data on students on the rolls of Jamia upto March 2009 give useful insight about enrollments in Postgraduate, Undergraduate, Diploma and Certificate courses. To bring awareness among the Internet users in the University, we have also presented a brief report on Unified Threat Management System implemented by the FTK-Centre for Information Technology.

Inputs and feedback from the readers are welcome, which will surely help in improving this newsletter.

Zahid H. Khan

**FTK-Centre for Information Technology**

Jamia Millia Islamia (A Central University)  
New Delhi-110025 (India)



## Letters to the Editor

**From Mr. Syed Shahid Mahdi,  
Former Vice-Chancellor, JMI**

Subject: Re: CIT Updates\_ Annual Issue  
From: "S.S. Mahdi"  
<mahdi@nda.vsnl.net.in>  
Date: Wed, April 1, 2009 10:16 pm  
To: zhkhan.ph@jmi.ac.in

Dear Zahid Saheb

Well done. Congratulations.  
Syed Shahid Mahdi

**From Mr. Mohd. Moinuddin,  
Asstt. Registrar (A&C), JMI**

Subject: Fwd: Letter to Editor.  
From: "mohd moinuddin"  
<moinuddin49@gmail.com>  
Date: Mon, April 13, 2009 2:03 pm  
To: "zhkhan.ph"  
<zhkhan.ph@jmi.ac.in>

Dear Sir,

I would like to extend my hearty congratulations to you as well as to all the members of the team whose hard work has brought the online News Letter, highlighting the important information about varied activities in Jamia Millia Islamia. This being the offshoot of your constructive vision, will certainly go a long way to enlighten the readers in general about the on-going academic endeavours of Jamia, besides involving the readers, particularly the Jamia people like me, to learn through electronic media things which are for important references while dealing with our sectional work in Jamia.

While wishing all the best to your online Newsletter, I have a suggestion for your kind consideration. As the IT-related terminologies and words are not properly understood by the non-IT readers like me, it will be better if a new column under the caption `GLOSSARY` is introduced in the Newsletter. This will definitely make it more popular among the readers. Spreading IT literacy in the traditional society like ours should be one of the prime objectives of an electronic media.

Sincerely,

Mohd. Moinuddin  
Asstt. Registrar  
A & C Branch, J.M.I.

**From Dr. Simi Malhotra,  
Department of English, JMI**

Subject: Feedback on CIT Updates Issue #4  
From: simimalhotra@hotmail.com  
Date: Fri, April 10, 2009 7:06 pm  
To: dir.cit@jmi.ac.in

Many congratulations to all the members of CIT for all the excellent work they do. We at jamia are very proud of our website and all the facilities which are extended by the CIT.

Wish you best,

simi malhotra,  
dept of english,  
jamia millia islamia

*Editor*  
**Prof. Zahid Husain Khan**

*Associate Editor*  
**Azizullah Khan**

### Contributors to this Issue

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*Technical Assistant*

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*Cover Design*

**Mohammad Hamid**  
*Photography*  
**Nasir Ali Khan**

## Conference on “Sustainable Development and Management of Information Technology in Universities and Colleges” (SUDMIT-2009)

(26-27 February 2009)

A conference on “Sustainable Development and Management of Information Technology in Universities and Colleges” was organized by FTK-Centre for Information Technology, Jamia Millia Islamia during 26-27 February 2009. Sixty participants from nine Indian Universities and three international delegates participated in the Conference. Prof. Zahid H. Khan, Director, FTK-Centre for Information Technology

and Chairperson of the Conference introduced the concept and objectives of the conference. He said that the conference was unique in nature as sustainability of IT Centres in Indian universities and colleges was a big challenge and the



Dr. Gulshan Rai, Director, CERT-In,  
Ministry of Communications & IT

Government of India has so far not framed any holistic and inclusive policy in this respect. Over the decades, the role of Computer Centres has completely transformed, but still the nomenclature remains the same which does not reflect the true nature of such centres. He further said that there have been no efforts for retention of IT staff in universities' computer centres



Inaugural Session of the Conference  
(L-R): Mr. M. Azim, System Analyst, FTK-CIT, Prof. Zahid H. Khan, Hony. Director, FTK-CIT; Prof. Devanand, University of Jammu; Dr. Gulshan Rai, Director, CERT-In.

as a result of which most of such centres in educational institutions have got deserted from skilled IT professionals. During the XI Plan, the Government of India has planned to network all universities and colleges in the country, it has therefore become more important to chalk out a suitable plan for sustainable development of IT in educational institutions, said Prof. Khan. The conference was inaugurated by Dr. Gulshan Rai, Director, CERT-In, Ministry of Communications and Information Technology, Government of India. Dr. Rai commended the efforts of Jamia Millia Islamia in organizing this unique conference and appreciated the University in setting up a modern ICT environment in the University. Furthermore, he suggested that the FTK-CIT of Jamia could be used as a role model by other universities. However, Dr. Rai raised his concerns related to lack of security in universities' networks and emphasized that the universities have to take IT security issues very seriously. The details of the Conference Programme are given in the following.



## Conference Programme

Day 1: 26/02/2009	Session Theme/Topic of Lecture	
9:30 a.m.–10:30 a.m. 10:30 a.m.–11:30 a.m.	<b>Registration</b> <b>INAUGURAL SESSION</b> <b>Chief Guest:</b> Dr. Gulshan Rai ( <i>CERT-In</i> ) <b>Chairperson:</b> Prof. Devanand ( <i>Jammu University</i> )	
11:30 a.m.–12:15p.m.	Tea break	
12:15 p.m.–01:30 p.m.	<b>TECHNICAL SESSION I</b> Chair: Prof. M. Aslam, ( <i>IGNOU</i> )	ROLE OF IT IN UNIVERSITIES
	<b>Speakers:</b> Prof. M. Aslam : ( <i>IGNOU</i> )	“Technologies for Distance Education”
	Ms. Swati Samaddar ( <i>Adobe</i> )	“Adobe-Bringing Digital Media Technology into classrooms”
	Mr. Venkatesh Sharma ( <i>Virtual Studio</i> )	“Rich Media & Interactivity”
01:30 p.m.–02:30 p.m.	Lunch break	
02:30 p.m.–04:30 p.m.	<b>TECHNICAL SESSION II</b> Chair: Dr. V.S.P. Srivastava ( <i>IGNOU</i> )	PRESENTATIONS ON “IT FACILITIES IN UNIVERSITIES AND COLLEGES”
	Directors of IT/ComputerCentres or their representatives (Delhi University, Jawaharlal Nehru University, Jamia Millia Islamia, Indira Gandhi National Open University, Jamia Hamdard, Jammu University, MS University Baroda)	
04:30 p.m.–04:45 p.m.	Tea break	
04:45 p.m.–05:30 p.m.	<b>TECHNICAL SESSION III</b>	PANEL DISCUSSION ON “MANAGING IT CENTRES: ISSUES & CHALLENGES”
	Panelist 1: Prof. V.S.P. Srivastava ( <i>IGNOU</i> ) Panelist 2: Mr. V. N. Pandya ( <i>MSU, Baroda</i> ) Panelist 3: Mr. Imran Ghani ( <i>Delhi University</i> )	
<b>Day 2: 27/02/2009</b>		
09:30 a.m.–11:00 a.m.	<b>TECHNICAL SESSION IV</b> <b>Chair:</b> Prof. Furqan Qamar ( <i>Planning Commission</i> )	SUSTAINABLE DEVELOPMENT OF IT IN UNIVERSITIES
9:30 a.m.–10:00 a.m.	<b>Speakers:</b> Prof. Furqan Qamar	“Initiatives on Higher Education & IT in XI Plan”
10:00 a.m.–10:20 a.m.	Mr. Subodh Rastagi ( <i>Oracle India</i> )	“Achieving Excellence in Total Campus Management”
10:20 a.m.–10:40 a.m.	Dr. S.K. Naqvi ( <i>FTK-CIT</i> )	“Towards Sustainability of Information Technology in Universities”
11:00 a.m.–11:15 a.m.	Tea break	
11:15 a.m.- 12:15 p.m.	<b>VALEDICTORY SESSION</b> <b>Chief Guest:</b> Mr. P. K. Tripathi ( <i>Unitech Sai Pvt. Ltd.</i> ) <b>Chair:</b> Mr. Syed Shahid Mahdi ( <i>Former VC, JMI</i> ) <b>Guest of Honour:</b> Prof. Furqan Qamar	

The entire conference was organized through four technical sessions spread across two days. The sessions provided a good mix of academic and industry views on sustainability of ICT in academic institutions. ICT corporate such as Adobe Systems India and Oracle India also participated in the programme. The delegates and resource persons from different institutions of higher learning including Delhi University, Indira Gandhi National Open University, Jawaharlal Nehru University,

Planning Commission was the guest of honour. In his presidential remarks, Mr Mahdi while agreeing with the outcome of the Conference emphasized the need of inclusive and holistic policies at the UGC level for furthering ICT in the universities. He also strongly suggested that the ICT Professionals working in Universities and Colleges be given cadres equivalent to the teaching staff. Prof. Qamar appreciated the FTK-CIT team for selecting such an important theme



(L-R): Prof. Zahid H. Khan, FTK-CIT; Mr. K.C. Tripathi, Chairman, Unitech Sai Pvt. Ltd. India; Mr. Syed Shahid Mahdi, Former Vice-Chancellor, JMI; Prof. Furqan Qamar, Advisor, Planning Commission; Dr. S. K. Naqvi, FTK-CIT

Jamia Hamdard, Jammu University, MS University Baroda, Guru Jambheshwar University, Haryana and Jamia Millia Islamia shared their views and experiences in implementing ICT in Universities. It was realized that all IT Centres of Indian universities are working on similar issues and have to face similar set of problems. It was also comprehended that the policies of the University Grants Commission are not conducive for promoting ICT in the Universities. Moreover, capacity building of IT Professionals is being ignored by most universities and no formal policy exists to train them on latest technologies and cyber threats. Thus, a need to have a collaborative forum of ICT Centres in the Indian Universities was felt to evaluate current ICT related policies of the UGC and Universities and suggest counter measures to motivate and synergize the working of the IT professionals and also to undertake capacity building for optimum outcome of the IT projects.

The Valedictory Session of the Conference was chaired by Mr. Syed Shahid Mahdi, former Vice-Chancellor, Jamia Millia Islamia. Mr. K.C. Tripathi, Chairman, Unitech Sai Pvt. Ltd. India, was the Chief Guest and Prof. Furqan Qamar, Advisor,

of the conference which was particularly important from the viewpoint of the XI Plan ICT initiatives of the Government of India in education.

The conference was concluded with the following recommendations:

- ▶ The existing nomenclature of “Computer Centres” should be replaced with “Information & Communication Technology Centres” (ICT Centres).
- ▶ A Consortium of ICT Centres of the Indian Universities should be set up with its headquarter in Delhi. The Consortium will regularly monitor the ICT policies relevant to universities and send its recommendations to the University Grants Commission, Ministry of HRD and other relevant departments of the Government. Furthermore, the FTK-Centre for Information Technology, Jamia Millia Islamia was identified as a nodal centre to undertake capacity building of IT professionals of universities and organize other programmes of common interest.
- ▶ To form a Working Group of Universities’ IT Professionals, whose members may initially be drawn from the universities that have participated in the above Conference.

## Training Programme on “Computer ki Dunia aur Hindi”

(25-26 March 2009)

A two-day Training Programme on “Computer ki Dunia aur Hindi” was organized jointly by the FTK-Centre for Information Technology

medium. He also stressed upon the need of working in Hindi using simple words which can be easily understood by the common



Prof. Ashok Chakradhar, Chief Guest; inaugurating the Training Programme. Seating on the dias are (L-R): Dr. A. Rehman Musawwir, Department of Hindi; Prof. Zahid H. Khan, Hony. Director, FTK- CIT; Prof. Abdul Bismillah, Head Department of Hindi; Mr. Shailesh Bharatwasi, Conductor of the Training Programme; Mr. Muzaffar Azim, FTK-CIT.

and Department of Hindi, Jamia Millia Islamia during 25-26 March 2009. It was conducted by Mr. Shailesh Bharatwasi, a renowned scholar working on ICT Integration with Hindi. The Training



Mr. Shailesh Bharatwasi conducting the Training Programme

programme, Prof. Chkaradhar emphasized the need of working on computers through Hindi

programme was inaugurated by Prof. Ashok Chakradhar, a renowned Hindi poet and a former Professor of Hindi in Jamia Millia Islamia.

Inaugurating the

user of Hindi Language. Prof. Abdul Bismillah, Head of Hindi Department appreciated the efforts being made in organizing this training programme for enhancing the skill of working on computer through Hindi medium among the faculty members and students of the Jamia. Prof. Zahid H. Khan, Hony. Director, FTK-CIT in his presidential remarks stressed upon the need of working on Computer through Hindi medium as Hindi, as the official language of India, holds immense relevance with the people of the country. With over 500 million speakers across the country, Hindi is truly both applicable as a language of administration and a language of the majority of people in India.



Participants in the Practice Session

had hands-on training sessions on Hindi typing and creation of blogs in Hindi language.

The number of participants in the workshop was sixty-three which included students and faculty members in addition to technical Staff of FTK-CIT. All the participants were much excited after creating their blogs in Hindi as this

The training workshop was divided into four technical sessions in which Mr. Shailesh Bharatwasi gave wonderful and technically sound lessons for working on Computers through Hindi Medium. Starting with the various concepts related with “Unicode” he discussed about the installation of necessary software for Hindi Typing, Hindi Transliteration, the method of typing the range of complex characters and symbols that form the key characteristics of any Indian script by the usage of an Indic IME (Input Method Editor). Participants



Posted by किशंगज की आवाज़ at 12:10 AM

0 comments



↑  
← Blogs created by two students during the Training Programme

was a unique experience for them. They thanked Mr. Shailesh Bharatwasi for conducting the entire programme very effectively and appreciated the efforts made by Muzaffar Azim, Coordinator of the Training Programme. The participants, in particular, thanked to Dr. A. Rehman Musawwir, Co-Coordinator of the Training Programme, for taking the initiative in organizing the training and his active involvement till its conclusion.

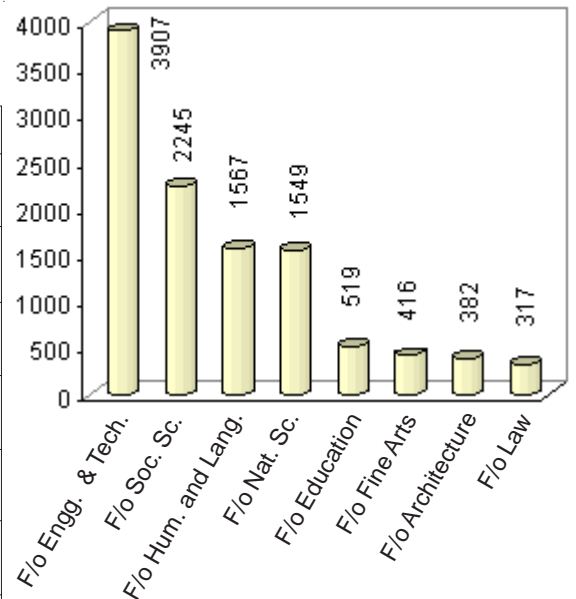


## MIS-based Students Statistics

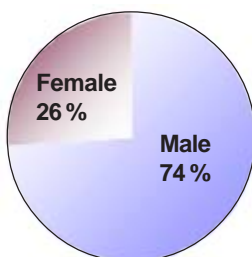
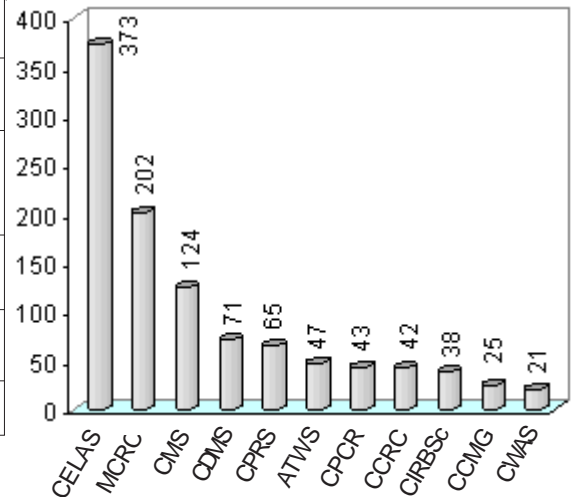
### Faculty/Centre-wise Statistics of Students

Based on the MIS data as on March 31, 2009, the total number of students in postgraduate, undergraduate, diploma and certificate courses in various faculties, centres and schools of Jamia was 16,442. Out of this, there were 11,953 students in the University sector and 4,489 students in the Schools Sector. In the Faculties, the ratio of male (M) vs. female (F) students was 74:26, whereas in the Centres their ratio was 65:35. As a whole, in the University sector, the male vs. female students were in the ratio 73:27.

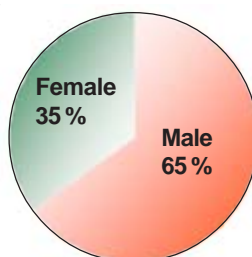
Faculties	Number of Students		
	M	F	Total
F/o Engineering & Tech.	3,706	201	3,907
F/o Social Sciences	1,499	746	2,245
F/o Humanities and Langs.	996	571	1,567
F/o Natural Sciences	1,022	527	1,549
F/o Education	179	340	519
F/o Fine Arts	209	207	416
F/o Architecture & Ekistics	258	124	382
F/o Law	168	149	317
<b>Total</b>	<b>8,037</b>	<b>2,865</b>	<b>10,902</b>



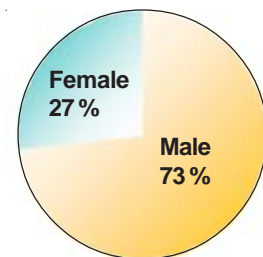
Centres		M	F	Total
Centre for European & Latin American Studies	CELAS	287	86	373
AJK Mass Communication Research Centre	MCRC	95	107	202
Centre for Management Studies	CMS	94	30	124
Centre for Dalit And Minorities Studies	CDMS	60	11	71
Centre for Physiotherapy & Rehabilitation Sciences	CPRS	26	39	65
MMAJ Academy of Third World Studies	ATWS	32	15	47
Centre for Peace & Conflict Resolution	CPCR	19	24	43
Centre for Comparative Religions & Civilization	CCRC	27	15	42
Centre for Interdisciplinary Research in Basic Sciences	CIRBS	16	22	38
Centre for Culture, Media & Governance	CCMG	9	16	25
Centre for West Asian Studies	CWAS	15	6	21
<b>Total</b>		<b>680</b>	<b>371</b>	<b>1,051</b>



Faculties



Centres



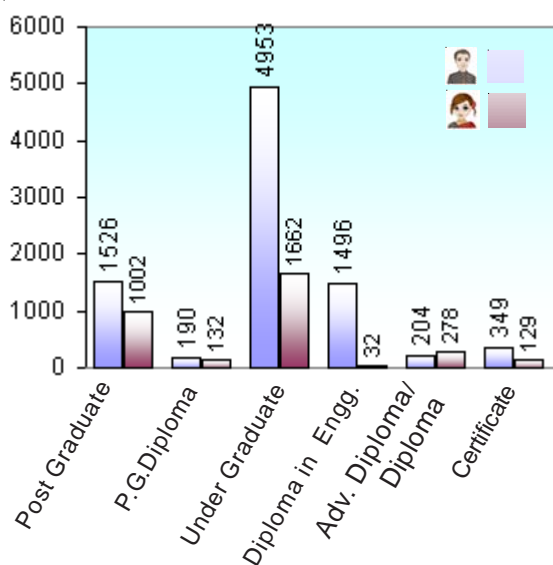
Faculties+Centres





### Course-wise Statistics of Students in Faculties/Centres

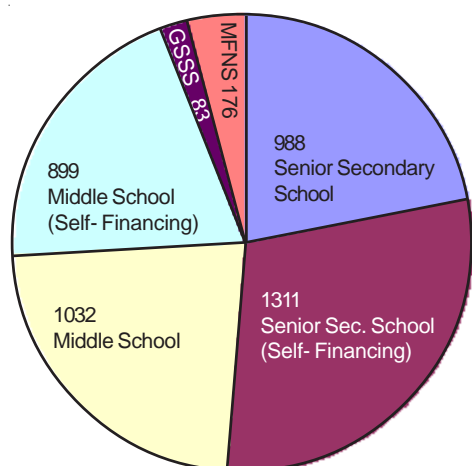
Course	M	F	Total
Post Graduate	1,526	1,002	2,528
P.G.Diploma	190	132	322
Under Graduate	4,953	1,662	6,615
Diploma in Engineering	1,496	32	1,528
Adv. Diploma/Diploma	204	278	482
Certificate	349	129	478
<b>Total</b>	<b>8,718</b>	<b>3,235</b>	<b>11,953</b>



### Statistical Data on Students in Jamia Schools

A break-up of students in various schools of Jamia during 2008-2009 is given below:

Jamia Schools	No. of Students
Senior Secondary School	988
Senior Sec. School (Self-Financing)	1,311
Middle School	1,032
Middle School (Self-Financing)	899
Girls Senior Sec.School (GSSS-Urdu Medium)	83
Mushir Fatma Nursery School (MFNS)	176
<b>Total</b>	<b>4,489</b>

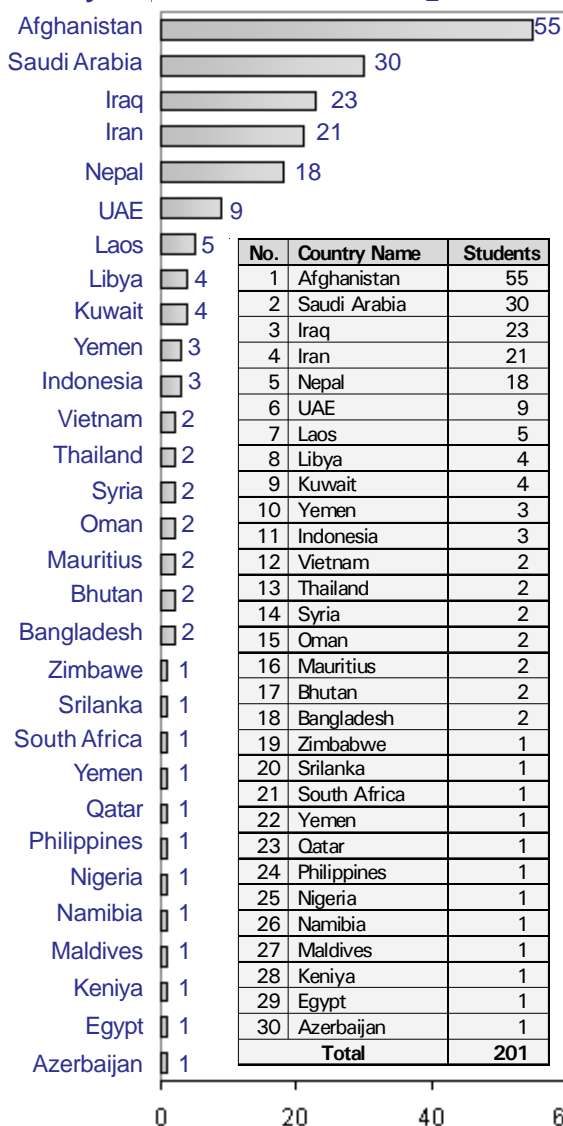


### Foreign Students enrolled in Faculties/Centres.

During 2008-2009, there were 201 foreign students from thirty countries in various Faculties and Centres of Jamia, the details of which are given in the following:

Faculties/Centres	Students
Faculty of Humanities and Languages	25
Faculty of Social Sciences	65
Faculty of Natural Sciences	25
Faculty of Education	4
Faculty of Engineering & Technology	52
Faculty of Law	3
Faculty of Architecture & Ekistics	14
AJK Mass Comm. Research Centre	4
Centre for Dalit and Minorities Studies	1
Centre for Management Studies	2
Centre for West Asian Studies	1
Centre for Eu. & Latin American Studies	1
Centre for Peace & Conflict Resolution	4
<b>Total</b>	<b>201</b>

### Country-wise Statistics of Foreign Students

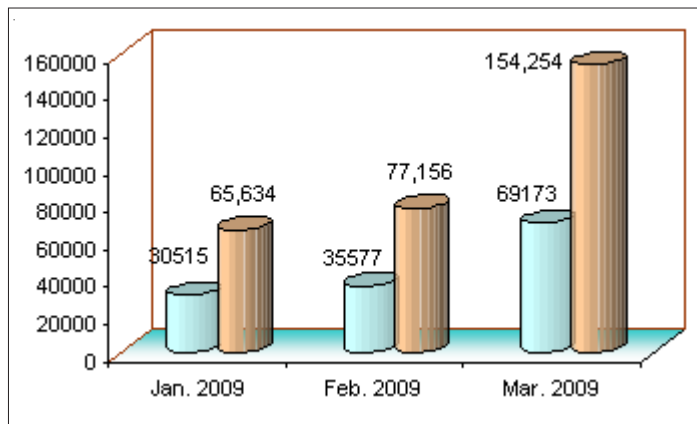


No.	Country Name	Students
1	Afghanistan	55
2	Saudi Arabia	30
3	Iraq	23
4	Iran	21
5	Nepal	18
6	UAE	9
7	Laos	5
8	Libya	4
9	Kuwait	4
10	Yemen	3
11	Indonesia	3
12	Vietnam	2
13	Thailand	2
14	Syria	2
15	Oman	2
16	Mauritius	2
17	Bhutan	2
18	Bangladesh	2
19	Zimbabwe	1
20	Srilanka	1
21	South Africa	1
22	Yemen	1
23	Qatar	1
24	Philippines	1
25	Nigeria	1
26	Namibia	1
27	Maldives	1
28	Kenya	1
29	Egypt	1
30	Azerbaijan	1
<b>Total</b>	<b>201</b>	



## Web Services

In the first quarter of 2009, there were 1,35,265 unique visitors to the Jamia website and the total number of web hits were 2,97,044 as shown in the following figure.



During the same period, a number of features on the website were updated, whose details are given in the following:

### Notices and Office Orders

A total of 46 Notices, Office Orders, Tenders, Corrigenda, Circulars etc. received from different departments/ centres/offices were uploaded on the Jamia Website.

### Events and Conferences/Outreach Programme

Under this category, 55 items were posted on the Jamia website 14 for Outreach programme and 41 for Events and conferences on requests received from various departments, centres and Office of the Director, Media & Culture.

### Press Releases

Fifty one Press Releases received from the Office of the Director, Media & Culture.were uploaded on the Jamia website. These are available at the <http://jmi.nic.in/press/press2009/pressrelease2009.htm>

### Admission-related Documents

The Prospectus and Admission forms of the university courses during 2009-2010 were posted on the website on March 31, 2009.

### Examination Results

The Examination results of DECCE and DMPEC run by Arjun Singh Centre for Distance and Open Learning were also put on the Website. The Admission Entrance info of MBA (Evening) and Diploma Engineering (Evening) run under Faculty of Engineering and Technology were also available on the website.

### Profiles/CVs

Eighteen CV's of faculty members including VC profile and Profiles of some departments and centres were updated and six new profile were uploaded on the

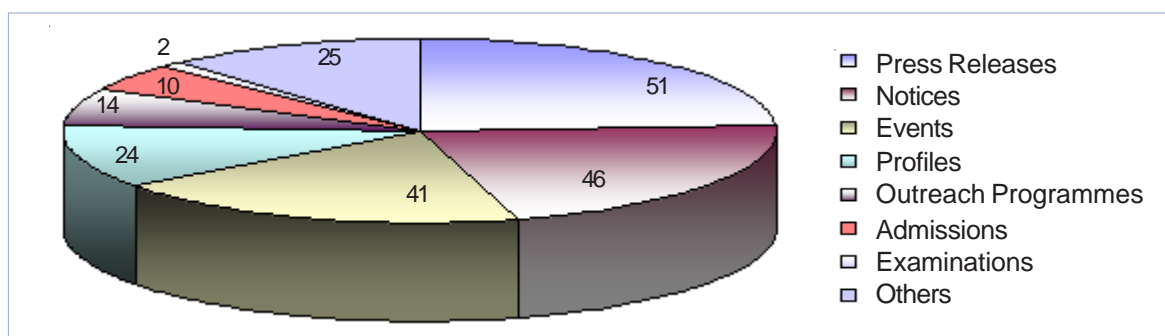
Jamia Website during this quarter.

### Vacant Positions/ MOMs/ Ordinances/ Financial Reports/ Others

During this quarter the advertisement of vacant position received from Dept. of Maths, Centre for Interdisciplinary Research in Basic Sciences, Biosciences, Biotechnology, Institute of Advanced Studies in Education and Registrar Office were put on the website.

Seven new Minutes of Meetings of Academic Council and Executive Council, received from A&C Section were uploaded on the website

CIT updates, Ordinances (Academic) , brochure MA HRM of 45 pages, brochure of MBA (Fulltime) of 40 pages, Financial Report of Accounts of 61 pages, list of JASA members , Seniority List of Faculty members and also Some 106 pages of information concerning the DRS project run under department of History were uploaded on the website.



A pictorial presentation of various features updated on the website during 1<sup>st</sup> quarter of 2009



## Unified Threat Management System for Internet Access

A Unified Threat Management (UTM) system is a security appliance providing comprehensive security and high performance to the network. The system is used to control the Internet surfing in an organization. In Jamia we have implemented a UTM system that has a number of modules which facilitate Internet browsing and access control. These include

- ▶ Internet Firewall,
- ▶ Gateway Anti-virus and Anti-malware,
- ▶ Gateway Anti-spam,
- ▶ Content & Application filtering, and
- ▶ Bandwidth Management System.

The system not only monitors the internet access by the users in the University, but also applies several firewall rules and provides security to the organization from hackers, spywares & other types of attacks on the network. It also generates various types of reports to analyze the current trends of net surfing in the organization.

The UTM has the provision of blocking unwanted sites and, in fact, some unhealthy sites have been blocked. However, in case researchers in the

University do want to open up certain sites blocked by the system, they may submit a request to FTK-CIT by filling up a proforma for creating a cyberoam account, which may be downloaded from the URL: <http://egov.jmi/eGov/Proforma.php>.

## Registration for using Internet Lab Facilities

The FTK-CIT has an Internet lab which is meant for the faculty members and research scholars of the University. It is equipped with thirty-six Thin-clients, connected to a dual processor Xeon server running Windows 2003. In addition, six PCs have also been provided for facilitating the desktop-oriented work. Some commonly used software, such as Photoshop, Adobe Breeze, Dreamweaver etc. are installed on the server. Registration Forms for using the Internet Lab facility may be downloaded using the following links,

<http://jmi.nic.in/Proforma/InternetLabRegistration.pdf>

Upto March 2009, the number of registered users to the Internet Lab facility was 75, out of which 9 are faculty members and 66 students, mostly Ph.D. scholars.

**Cyberoam Dashboard**

System | Firewall | VPN | IPS | Categories | Policies | Group | User | Anti Virus | Anti Spam | Traffic Discovery | Reports | Help

Alert Messages  
31.03.2009 5:45:01 PM HTTPS.SSH, based management is allowed from the WAN. This is not a secure configuration. It is recommended to use a good password

Recent Spyware Alerts  
No Spyware Detected

HTTP Traffic Analysis  
Distribution by Hits: 100%  
Distribution by Data Transfer: 100%

User Surfing Pattern  
Users visiting Unhealthy Sites: 0%  
Users visiting Non-working Sites: 0%  
Users visiting Productive Sites: 0%  
Non-working Surfing Time: \* 0 Hrs. and 0 Mins.  
Unhealthy Surfing Time: \* 0 Hrs. and 0 Mins.

Usage Summary  
HTTP Hits: 105362  
Search Engine Queries: Google : 2277, Yahoo : Z

Appliance Information  
Appliance Key: C010001215-30WVBD  
Appliance Model: CR1000i  
Cyberoam Software Version: 9.5.8 build 52 [Check for Upgrades]  
Cyberoam Deployment mode: Route

Gateway Status

Gateway Name	Gateway IPAddress	Status
STPI Noida	203.190.137.193	●
ERNET	192.168.0.1	●
STPI NOIDA2	200.190.132.17	●
ERNET_2	202.141.47.241	●

DoS Attack Status

Attack Type	Source		Destination	
	Applied	Traffic Dropped	Applied	Traffic Dropped
SYN Flood	Yes	0	No	0



### Internet Bandwidth Utilization

The following graphs show the utilization of the 8 Mbps Internet Bandwidth available in Jamia during the first quarter of 2009.

Out of this, the 2+2 Mbps (1:1) radiolink is from STPI Noida, and the 2 Mbps (1:1) leased line & 2 Mbps (1:1) radiolink are from ERNET India.

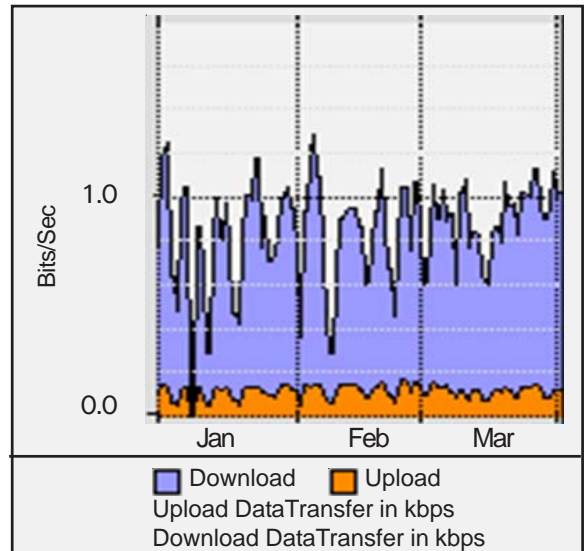
The Quarterly Average Download Data Transfer (QADDT) for all the four gateways is given in the following table

Name of Gateway	QADDT (kbps)
STPI (RL-1) Noida	941.03
STPI (RL-2) Noida	887.52
ERNET India (LL)	551.11
ERNET India (RL)	858.97

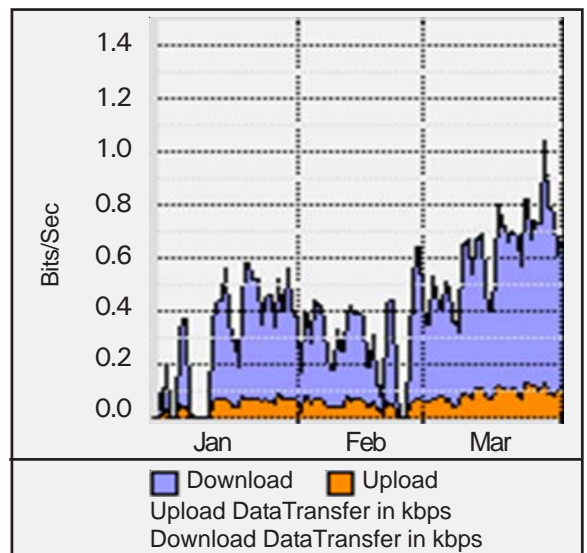
LL : Leased Line;

RL : Radio Link

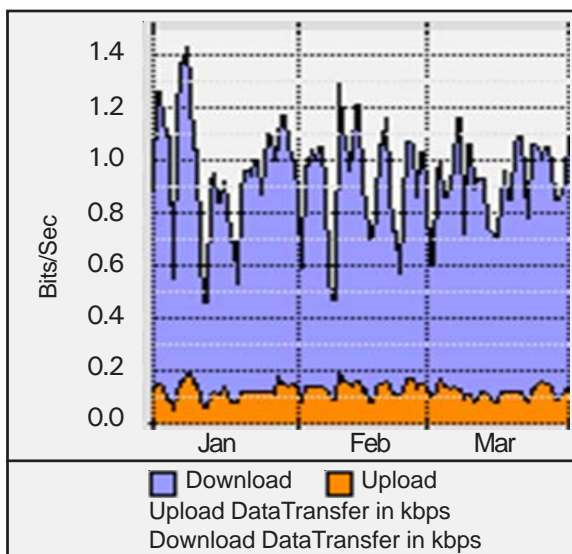
These graphs clearly demonstrate that the quarterly average download data transfer from STPI is far better than that from ERNET India.



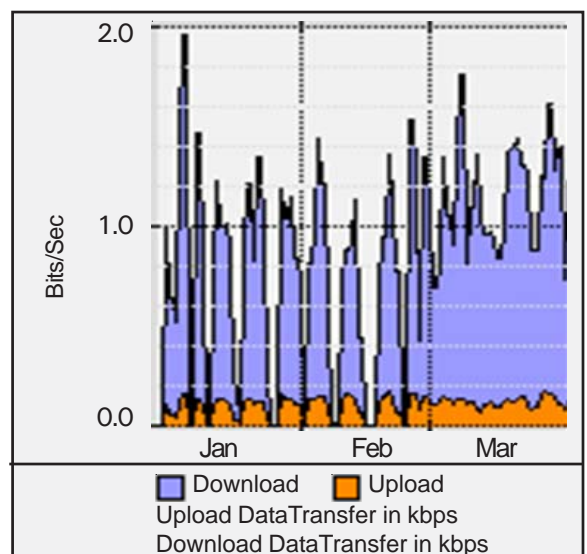
2 Mbps  
STPI Noida Radio Link2



2 Mbps  
Ernet India Leased Line



2 Mbps  
STPI Noida Radio Link1

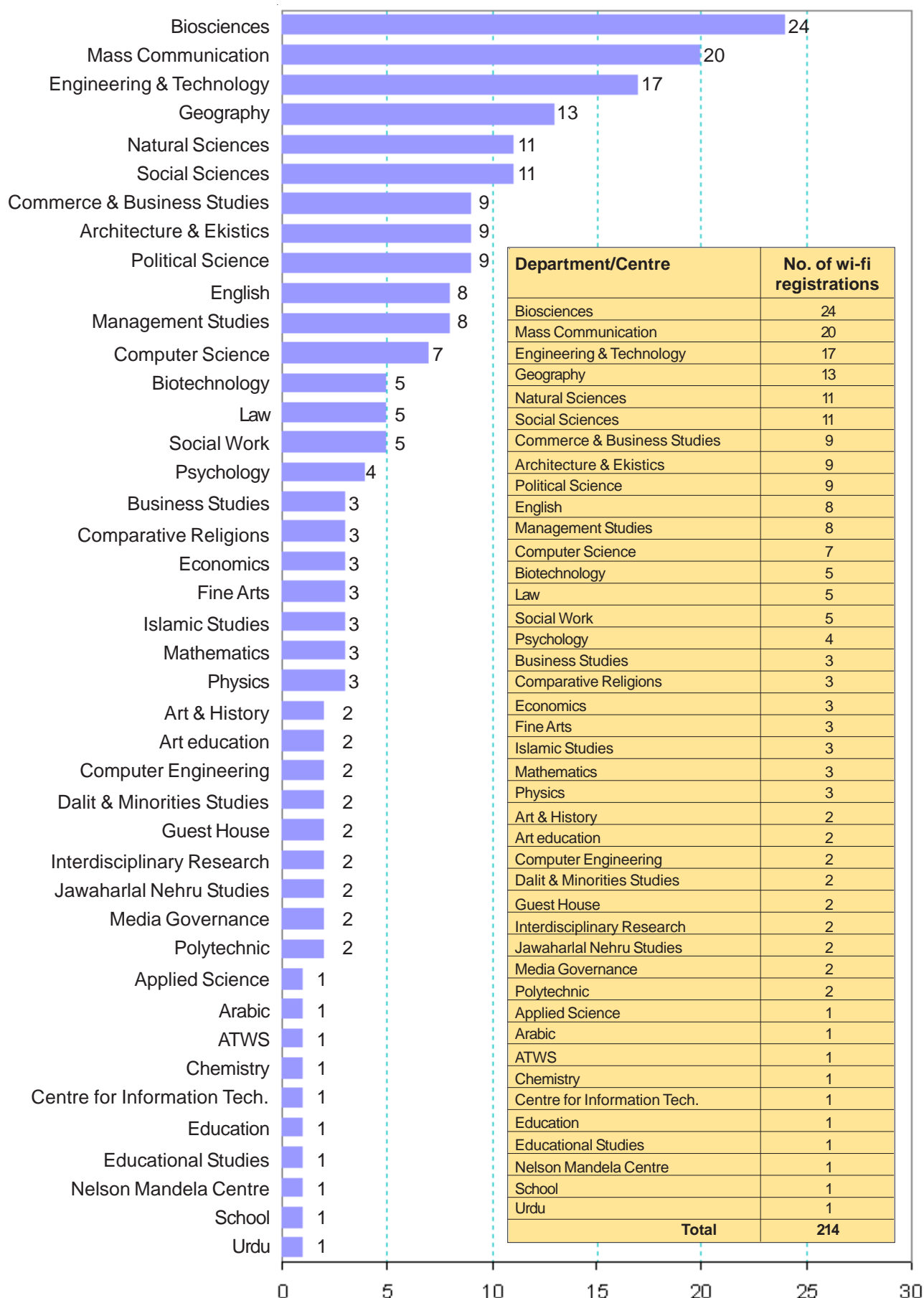


2 Mbps  
Ernet India Radio link



### Wi-Fi Registration

The number of wi-fi registrations in the University increased from 122 on 31<sup>st</sup> December 2008 to 214 on 31<sup>st</sup> March 2009, thus showing an increase by 75%. Their department-wise break-up is given in the following.





## Academic Activities of the CIT Staff

### Nomination by MHRD

**Prof. Zahid H. Khan**, Hony. Director, FTK-CIT was nominated as a member of the Standing Committee for the National Mission on Education through Information and Communication Technology (NMEICT) by the Ministry of Human Resource Development, Government of India, vide MHRD Order No. 16-24/2009-DL, dated 19 March 2009.

### Organization of Workshops/Conferences/Trainings

Organizer(s)/Coordinator(s)	Events /Venue /Dates(s)
Prof. Zahid H. Khan	Chairman, Conference on “Sustainable Development and Management of Information Technology in Universities & Colleges” (SUDMIT–2009); organized by FTK-Centre for Information Technology, Jamia Millia Islamia, New Delhi; 26-27 March 2009.
Dr. S. Kazim Naqvi	Coordinator - IT Component, Training on “Capacity Building of Madrasa Teachers and Students” organized by Academic Staff College at FTK-Centre for Information Technology, Jamia Millia Islamia; 17 February-6 March 2009.
Dr. S. Kazim Naqvi Azizullah Khan Mohd. Wasiful Hasan	Member, Organizing Committee, Conference on “Sustainable Development and Management of Information Technology in Universities & Colleges” organized by FTK-CIT; 26-27 March 2009.
Muzaffar Azim	Organizing Secretary, Conference on “Sustainable Development and Management of Information Technology in Universities & Colleges” (SUDMIT–2009); organized by FTK-Centre for Information Technology, Jamia Millia Islamia, New Delhi; 26-27 February 2009.  Coordinator, Training Programme on “Computer ki Duniya aur Hindi”, organized by FTK-CIT in collaboration with Department of Hindi, JMI; 25-26 March 2009

### Participation in Academic Events

Participant(s)	Events /Venue /Dates(s)
Prof. Zahid H. Khan	Conference on “EmTech India 2009”, hosted by CyberMedia India and MIT’s Technology Review; held at Hotel Le Meridian, New Delhi; 2-3 March 2009
Dr. S. Kazim Naqvi	Curriculum Development Workshop for the Training Programme for Madrasa background students; Dayare-i-Mir Taqui Mir, Jamia Millia Islamia; 11 February 2009.  Seminar on “Adobe eLearning Solutions” organized by Adobe India at Adobe Systems India Pvt. Ltd. NOIDA; 20 January 2009.
Muzaffar Azim	Seminar on “Cyber Crime and Computer Forensics”, organized by Computer Society of India, New Delhi Chapter; 28 March 2009.  Adobe Creative Suite 4 Seminar for Higher Education organized by Adobe India Ltd.; 20 January 2009.
Mohammad Hamid/ Junaid Akhtar	Conference on “SUDMIT -2009” organized by FTK Centre for Information Technology; Feb 26-27, 2009.  Training Programme on “Computer Ki Dunia aur Hindi” organized by FTK Centre for Information Technology and Department of Hindi, Jamia Millia Islamia; March 25-26, 2009.

**Lectures/Talks delivered****Dr. S. Kazim Naqvi**

Date(s)	Topic of Lecture	Programme/ Venue/ Date(s)
27 Feb. 2009	"Towards Sustainability of ICT in Universities"	Conference on "Sustainable Development and Management of Information Technology in Universities and Colleges" organized by FTK-Centre for Information Technology, Jamia Millia Islamia; 26-27 Feb. 2009.
22 Jan. 2009	"Location Determination in IEEE 802.11 Infrastructure Networks Using Self Organizing Maps"	Two-week Faculty Development Programme organized for Computer Science Teachers by DAV Institute of Management, Faridabad, Haryana.

**Azizullah Khan**

21 Feb. 2009	"Introduction to Internet and Services"	Capacity Building of Madrasa Teachers and Students; Academic Staff College, JMI.
23 Feb. 2009	"Creating Presentation in PowerPoint"	Capacity Building of Madrasa Teachers and Students; Academic Staff College, JMI.
28 Feb. 2009	"Word Processing using Word"	Capacity Building of Madrasa Teachers and Students; Academic Staff College, JMI.

**Muzaffar Azim**

9 March 2009	"Fundamentals of Networking & PC Trouble shooting"	Capacity Building of Madrasa Teachers and Students; Academic Staff College, JMI .
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**Mohd. Wasiful Hasan**

26 Feb 2009	"Using Excel for Data Management"	Orientation Programme for University and College Teachers; organized by Academic Staff College, Jamia Millia Islamia, New Delhi.
02 March 2009	"Using Excel for Data Management"	Capacity Building of Madrasa Teachers and Students; organized by Academic Staff College, Jamia Millia Islamia, New Delhi.

**Mohammad Hamid**

March 2009	"Windows XP"	Capacity Building of Madrasa Teachers and Students; organized by Academic Staff College, Jamia Millia Islamia, New Delhi.
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## About "CIT Reflections"

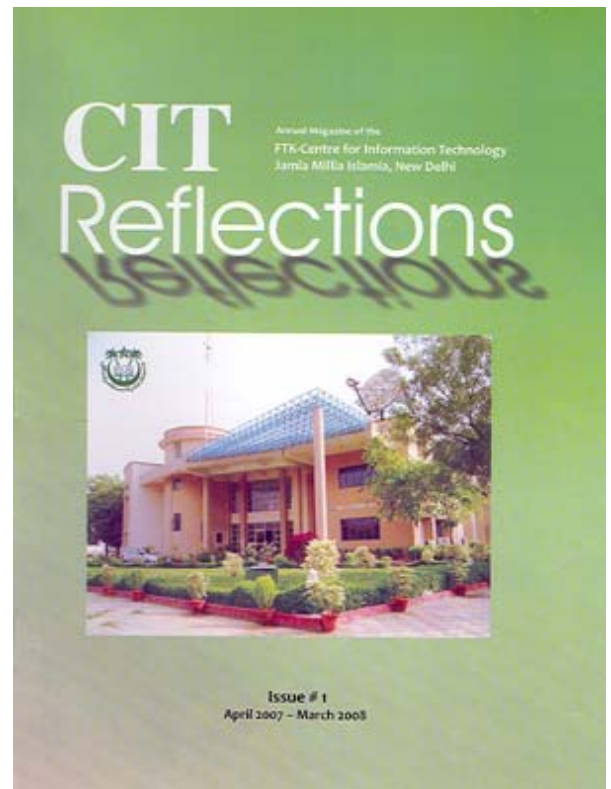
### The Annual Magazine of FTK-CIT

The FTK-Centre for Information Technology has brought out its first issue of the Annual Magazine "CIT Reflections" for the year 2007-2008. The magazine has been brought out with the aim to provide a platform to share information about developments in the IT sector in the University with the Jamia community the students, faculty members and other staff and to make the best use of the existing facilities at FTK-CIT. It covers a variety of topics of general interest. A partial Table of Contents is reproduced in the following.

6	Message from the Vice-Chancellor	
	Editorial	7
8	About FTK-Centre for Information Technology	
	The New CIT Building	12
17	Inauguration of the newly created IT Facilities at FTK-CIT	
	E-Learning: The Future of Universities in the 21st Century - A Lecture by Dr. A. W. Khan	21
25	Moving Towards Automation	
	Know Your Network	28
29	Internet Bandwidth Utilization and Internet Usage Pattern	
	Jamia IT Exposition - 2007	31
35	Workshops organized	

An online version of the "CIT Reflections" is available at:

<http://jmi.nic.in/cit/citreflections2007-2008.pdf>



Please send your

**Comments/Feedback**

to

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**Hony. Director**

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**For Online Feedback**

**please click here** 

[http://jmi.ac.in/feedback/citupdates5\\_feedback.php](http://jmi.ac.in/feedback/citupdates5_feedback.php)