e-GOVERNANCE
SYSTEM PRACTICES
of the
UNIVERSITY OF KASHMIR
A REPORT

DIRECTORATE OF IT & SS
UNIVERSITY OF KASHMIR
NAAC accredited grade A

Vision

✉ To provide a platform where involvement of all the stakeholders is ensured for decision making

✉ To transform the system into an extremely efficient, secure, transparent and result oriented one

✉ To facilitate the requisite technological support required for teaching and learning process

✉ To offer technological support to all the constituent administrative units of the system

FEATURES

▸ Establishment of a fully equipped Information Centre with connectivity and man power in each College

▸ Establishment of Data Centre and Backup Data Centre

▸ Online services for departments, colleges and related personnel

▸ Development of in-house solutions for up-gradation and maintenance

▸ Providing requisite information in each department/centre of the University

CONTENTS

Message fom The Vice Chancellor

Organizational transformation in the present technologically – driven times calls for an effective application of Information and Communication Technology (ICT) techniques. It is ICT that plays   a major role in reducing operational inefficiency, improving decision-making and administering the progress of a holistic education plan by serving various stakeholders in a much more effective manner.

In collaboration with the Ministry of Communication and Information Technology, Government of India, New Delhi, the University of Kashmir, too, has taken the necessary initiative to restructure its administrative institutions by adopting and implementing ICT. The most influential dimension of this project has been the replacement of conventional forms of communication with digital and wireless technologies like satellites, electronic mail and, above all, the proliferation of access to the internet. The University of Kashmir has succeeded in expanding the structures and processes of e-Governance by computerizing its departments, creating networking facilities within the University and its affiliated Colleges, training its employees to make them IT workers and enhancing capacity building in e-Governance at all administrative levels. That this ambitious programme has helped transform the University into an advanced system of e-Governance was reflected in the PG admission process for the session 2010-2011 which not only provided an opportunity to aspirants to have an interface with the systems of the University from their residences but also strengthened transparency and efficiency in the admission system and process of the University.

With increased operational efficiency in e-Governance, the University of Kashmir shall undoubtedly face possible competition from private and foreign Universities and emerge, thereby, as the paragon of excellence in world-class education.

The present report highlights the existing status of e-Governance of the University of Kashmir and the milestones achieved thereof by the Directorate of IT & SS. I appreciate and commend the efforts of all the stakeholders whose participation and dedication has made this venture successful.

Prof. (Dr.) Riyaz Punjabi

Message from the Director

The Directorate of IT & SS, University of Kashmir under the dynamic leadership of the Hon'ble Vice-Chancellor Professor (Dr) Riyaz Punjabi started an ambitious project in 2008 on e-Governance in collaboration with the Ministry of Communication and Information Technology Government of India, New Delhi to bring transformation in its systemic setup of the University Admissions, Examination and Registration.

Being keenly conscious of the over-all development of this University, we have been actively striving so see this institution flourish and achieve excellence. We have been seriously endeavouring to move ahead in technological developments in tune with national and international standards during the last few years. To begin with, the University has made available the syllabi of all the programmes/courses on the official website together with academic details of students through registration module from 2005 onwards. We have also established Information Centres in all affiliated government colleges which has ensured the transmission of data through an e-based mechanism. The registration system has also been automated and made operational from 2009.

The success of a project is not only determined by technology but also by the consequences and acceptability of the society in general and stakeholders in particular. For this purpose, I am thankful to Professor S Mufeed Ahmad (Co-coordinator HRD and Trainings) who has been conducting training courses regularly since last year to train those who finally matter at the operational level. A Management Development Programme (MDP) was conducted for Principals of Government Degree Colleges for taking the e-Governance initiative to its logical end. Experts from different companies, national as well as local participated in this workshop. It will not be out of place to mention here that colleges provide the major data input for our Registration and Examination activities.

I am highly thankful to our Vice-Chancellor Professor (Dr) Riyaz Punjabi for providing all the support and able guidance in executing the project. I also place on record my appreciation for the team that executed the e-Governance especially Professor S Fayaz Ahmad, Registrar, University of Kashmir; Professor N A Shah, Dean Applied Science and Technology; Er Maroof Qadri and Dr F A Gurkoo, Assistant Registrar for their generous support in this endeavour.

Er. Dr. Mehraj-ud-din Dar
Director IT & SS

Message from the Co-ordinator, HRD and Training

In tune with contemporary requirements, the Directorate of IT & SS, University of Kashmir has introduced e-Governance in almost all its operations across its academic and examination systemic structures to make them more efficient, secure, transparent and result oriented. The University of Kashmir has the privilege of being the only institution in the entire State which has promoted and actually executed e-Governance in such a short span of time. Thanks to the tireless efforts of the Project Management Committee constituted by the Vice-Chancellor for the purpose.

In order to make this system run smoothly, a competent, capable and highly skilled manpower is required. For this purpose, it is necessary to sharpen the capabilities of existing manpower at the University as well as College levels in order to perform various tasks and functions associated with and related to their present or future. Accordingly need based training was imparted to officials of the University and colleges. Till now more than two hundred officials of colleges and University have been given the requisite basic training related to e-Governance system practices.

To facilitate the flow of data in tune with e-Governance requirements twenty five Information Centres in various government affiliated colleges were established which function under the close supervision of the concerned Principals, who have to be well equipped with necessary skills to deal appropriately with the fundamentals of e-based services. Against this backdrop, the week long Management Development Programme (MDP) was conducted for College Principals from 22 to 28 April 2010.. This Programme was the first of its kind in the state of Jammu and Kashmir in general and the University of Kashmir in particular. Apart from this, we are also planning to conduct a special one week workshop for coordinators/faculty members of all colleges associated with various IT centres at colleges of the Kashmir valley including Ladakh Division.

I am highly thankful to our Hon'ble Vice-Chancellor Professor (Dr) Riyaz Punjabi for his support and encouragement during the course of the execution of the e-Governance project. I would also like to express my warm thanks to Professor S Fayyaz Ahmad, Registrar, University of Kashmir for his sincere administrative support for the efficient execution of e-governance. I would like to express my thanks to Er (Dr) Mehraj-ud-Din Dar, Directorate of IT and SS for his generosity, commitment and vision for making the training and developmental programme successful and result oriented. Thanks are also due to Enginer maroof Qadri, Information Technologiest IT&SS, Dr F A Gurkoo, Assistant Registrar (IT and SS) for their support.

Prof . (Dr.) S. Mufeed Ahmad
Coordinator
HRD and Trainings
(e-Governance project)

THE CAMPUS

The University of Kashmir which is situated between the worlds famous Nagin and Dal Lakes amidst delightful natural surroundings with the Himalayan Mountains in the background. It is located at Hazratbal, Srinagar which is about 10 kilometers from the city centre Lal Chowk. It has a beautiful campus spread over an area of 225 acres of land and includes the Naseem Bagh, a famous Mughal Garden built by the Mughal Emperor Akbar.

The University was founded in the year 1948 and has been one of the foremost centers of learning in the country. It has maintained a steady progress in terms of academic growth and expansions.

Since its inception, the University has traversed a long way towards excellence in teaching-learning process, scientific research, generation and dissemination of knowledge, promotion of cultural and spiritual values. Presently the University has several faculties and well maintained departments, which provide educational facilities to students in the subjects of their choice, matching their aptitude and potentialities and to promote research in various disciplines. In recognition of its commitment to provide an intellectually stimulating environment, the National Assessment and Accreditation Council (NAAC), an independent organization of the University Grants Commission (UGC) of India, accredited the University of Kashmir as Grade "A" University.

The University's commitment to cater to the growing demands of stakeholders in general and student community in particular has emboldened it to improve its teaching, research and extension activities. It has undertaken massive efforts in consolidation, expansion and modernization of all its teaching-learning resources. A state-of-the-art library with modern information and communication technology services, well equipped laboratories, virtual classroom facilities, effective student feedback and redressal system have come up to meet contemporary requirements. In addition to this the Directorate of IT and SS has made a good beginning for promotion of e-Governance by having introduced the e-based admission process for post graduate entrance test from session 2010 In order to carry the torch of knowledge and wisdom to every nook and corner within its ambit, University has established several new Satellite campuses such as South Campus at Anantnag, North Campus at Baramilla and Leh Campus at Ladakh. Most of these satellite campuses have been brought under the purview of e-Governance oriented net working mechanism.

INTRODUCTION

Directorate of Information Technology and Support System (DITSS) was set up in the University of Kashmir in December 2007 to automat the operations of various administrative and academic units of the University. The purpose was also to work for the promotion of IT sector in the State. In conformity with this the Directorate took up the task of e-Governance of the University and initiated the process by surveying the examination system of the varsity. After a comprehensive study of its operations, Dr Mehraj-ud-din Dar, Director IT & SS submitted a comprehensive proposal for the e-Governance of the Examination Wing to the GOI, New Delhi. After a proper evaluation, the Ministry of Communication and Information Technology sanctioned the e-Governance project at a total outlay of Rs 4.43 crores. The project is initially aimed to execute e-Governance in the examination system of the University and to provide connectivity of e-Governance system practices to all affiliated colleges and departments of the University.

The University took some serious measures for an adequate execution of the project once the Ministry released the funds in 2009. Keeping in view its result-oriented nature, a Project Management Committee (PMC) was constituted by the Hon'ble Vice-Chancellor to ensure that the project is implemented and completed within the stipulated period. The committee members from the academia and administration with appropriate expertise in IT, Electronics, Management and Administration were at the forefront of the operational level of the e-Governance project in the University and its affiliated colleges.

The Project Management Committee (PMC) took up the execution of the project on continuous review basis. A major decision to develop the required software in- house was taken and implemented with the establishment of Software Development Unit. In this connection, necessary consultations and collaborations were made with well reputed companies like WIPRO, Zensar Technologies etc. The services of experts from IT, Electronics, Management, Examination & Administration were hired on honorary basis.

Two teams were set up to perform the Requirement Analysis in the Examination Wing. The teams interacted with the officials and staff formulated and finalized a detailed SRS document. The Examination System was divided into the following sections:

- Registration
- Conduct
- Secrecy
- Transit
- Tabulation
- Certificate
- Examination Accounts

A major portion of the project has already been implemented while the rest is likely to be completed within two months. The success of the project depends upon the acceptability by the people who use the product. Since it involved automation which is always subject to resistance by the operating employees, appropriate behavioural and technology-based change mechanisms were used to ensure minimum resistance and infusion of the required skill-set amongst the involved officials. Among others, training was used as a major tool for the purpose. The Training and HRD Division headed by Professor S Mufeed Ahmad (Co-ordinator HRD and Training of e-Governance Project) has taken many HRD oriented measures which include the conduct of behavioural, skill and need based training programmes. Besides, training for implementing e-based University Admission System was also imparted to the faculty and administrative staff of the University associated with the PG admission process.

Since one Information Centre has been established in each affiliated college, it was found necessary to equip the Principals of all such colleges with fundamentals of e-Governance in general and to ensure effective supervision and functioning of these Information Centres in particular. For this purpose, the Directorate of IT & SS organised a one-week Management Development Programme (MDP) in IT for College Principals of Kashmir and Ladakh divisions. Resource persons for this purpose were from well reputed and leading MNC's such as WIPRO, GIT, Symentics Ltd., in addition to dignitaries from MC & IT, GOI New Delhi.

The self-instructional study material was designed and prepared by the Directorate to render the fundamental concepts of e-Governance in a lucid and comprehensive manner. It covers Introduction to Computers, Windows VISTA, Microsoft Word and Microsoft Excel, Computer Hardware, Software, Storage Systems and Basics of Computer Networking. It is hoped that the said training and Development programmes including MDP will help to strengthen the Information Centres and make them more effective for promotion of other IT services as well.

Project Monitoring & Execution Team

Prof.(Dr) Riyaz Punjabi
(Chairman)
Vice Chancellor (KU),
University of Kashmir, Sgr.

Shri Shankar Aggarwal
Joint Secretary, MC & IT,
CGO Complex,
New Delhi-3.

Prof. N. A Shah
Dean App. Sc. & Technology
University of Kashmir, Sgr.
Srinagar.

Dr. Haseeb Drabu
Former Chairman
J & K Bank Ltd.
Srinagar.

Prof. S. Fayaz Ahmad
Registrar,
University of Kashmir,
Srinagar.

Shri J.K Tayagi
Deputy Financial Advisor, MC & IT,
CGO Complex,
New Delhi-3.

Er. (Dr.) Mehraj-ud-Din Dar
Director, IT& SS
University of Kashmir
Srinagar

Shri Deepak Singla
Principal Consultant, PMU, MC & IT,
CGO Complex,
New Delhi-3.

Dr. S. Mufeed Ahmad
(Coordinator HRD & Trainings)
Professor, Business School & Director
Convocation Complex
University of Kashmir, Sgr.

Commissioner Secretary to Government,
Finance Department,
Civil Secretariat,
Srinagar/Jammu.

Mr. Qaiser Aijaz
Special. Sec. to Vice Chancellor,
University of Kashmir,
Srinagar.

Commissioner/ Secretary to Government,
IT Department,
Civil Secretariat,
Srinagar/Jammu

Dr. Feroz Ahmad Gurkoo
(Consultant)
Assistant Registrar IT /Pvt. Sec. Reg
University of Kashmir, Sgr.

Technical Staff

The Directorate of Information Technology & Support Services which is utilizing the services of various consultants within and outside the University in the area of administration, HRD and Trainings and Development and Design has the following staff strength:

Name	Designation
Dr. (Er.) Mehraj-Ud-Din Dar	**Director, ITSS** (Principal Investigator)
Mr.Er. Maroof Qadri	Information Technologist(Senior Scientist)
Mr. Audil Hussain	System Engineer
Mr. Imran Rashid Banday	System Engineer
Mr. Arshad Hussain Bhat	System Engineer
Mr. AzharYousuf Mir	System Engineer
Mr. Mubasher Hassan Khan	System Engineer
Mr. Syed Suhaib Hassan	System Engineer

Feedback Forum

This system has been developed to automate all specific queries, complaints and suggestions pertaining to various academic and administrative departments of the University. It provides a reliable and time-efficient method of grievance redressal and information dissemination for various stakeholders of the University including current students, prospective students, teachers, administrators and other employees. This has been one of the most widely used parts of the University website ever since its launch. This initiative has been greatly hailed by students for facilitating timely replies to their queries.

Project Started: November 2009
Number of Resources: 01
Current Status: **Live since August 2010**

Future Milestones:
*   A general authentication for all interested stakeholders
*   Managing the past archives of queries
*   Enabling visitors to direct queries to specific departments
*   Training of all concerned departments
*   Tracking of issues statuses

Access Methods

The system can be accessed using any of the following methods:

Public URL

Visit the following URL to access the Feedback Forum System:

http://feedback.uok.edu.in/

Alternatively you may follow these steps to access the system:

Step 1: Visit the University of Kashmir Official website at www.kashmiruniversity.ac.in
Step 2: Click on the Feedback Forum link on top of the page

Syllabi & Statutes

To facilitate the access of students to the relevant syllabuses of all subjects and courses as well as the rules and statutes governing various academic activities of the University, the Directorate of IT & SS undertook complete digitization process of syllabi and statutes.

Background
Project Started: November 2009
Number of Resources: 1
Current Status: **Live since September 2009**

Future Milestones:
- Dynamic update of syllabus by departments
- Subject-wise syllabus search
- Linking with required texts search in library

Access Methods
The system can be accessed using any of the following methods:

Public URL
Visit the following URL to access the Feedback Forum System:
http://egov.uok.edu.in/syllabus

Students' Online Services

Students often need to travel physically to the University and queue up for petty tasks like getting the latest syllabus, confirming or correcting their registration details with the University or to see the nature of objections pending against them in examinations. For this purpose, the Directorate conceived the idea of a centralized module where each student can access the relevant details.

Background
Project Started: July 2008
Number of Resources: 02
Current Status: **Live since March 2009**
Future Milestones:
Username and password for all students
Request for correction of student data

Access Methods
The system can be accessed using any of the following methods:

Public URL
Visit the following URL to access the e-Admissions System:
http://egov.uok.edu.in/syllabus/

Alternatively the system may be access by:
Step 1: Visiting the University of Kashmir Official website at www.kashmiruniversity.ac.in
Step 2: Clicking on the Student Services link on the main page
Step 3: Choose the appropriate service required.

Conferences

The University regularly conducts a number of conferences, seminars and other academic events for which participants across the globe submit their papers and presentations. This system caters to the need of automation of the process of acceptance, update and publishing of the conference papers.

Background
Project Started: July 2008
Number of Resources: 1
Current Status: **Live since June 2010**

Future Milestones:
Integration of Online Payment of Conference Attendance Fees
Automatic compilation of conference proceedings

Access Methods
The system can be accessed using any of the following methods:

Public URL
Visit the following URL to access the e-Admissions System:
http://egov.uok.edu.in/events

Alternatively the system may be access by:
Step 1: Visiting the University of Kashmir Official website at www.kashmiruniversity.ac.in
Step 2: Clicking on the appropriate link in the announcements box on the page

Login Authentication
To begin using e-Registration system, every user (KU Employee) needs to authenticate his/her identity using the user-name and the password assigned. A password is also assigned to each attendee.

Sub-Modules
Conferences and Events Registration system has the following sub-modules:

JK Science Congress
Researchers who intend to submit their papers at the JK Science Congress need to register themselves in this system. The system stores their abstracts and other profile information to the database and processes it for the organizers. Key highlights:
*   Email Confirmation and Reminders
*   Unique username password access to all attendees
*   Online submission of abstract
*   Online checking of status of acceptance of paper abstract
*   Registration is blocked after cut-off date

Other Events
As and when required the system can add other events to the database and open the same for registration.

Process Overview
The process of registration for various events and conferences online takes place as follows:
*   A visitor intending to attend a conference accesses the system online as described above
*   The visitor fills a form with all required details to register
*   When the date is open for acceptance of abstracts, the attendee submits the abstract

- Receipt is confirmed via email and reminder is sent to those who have not submitted their status yet.
- The organizing department logs in to access all abstracts that have been submitted
- After the abstracts are reviewed by experts, each is marked as accepted or otherwise

The result can be viewed by the attendee online and the system sends out an email notification to the registered email address.

e-NOC (No Objection Certificate)

The Dean Students' Welfare (DSW) Office may issue the NOC for a candidate as long as no other department of the University has raised any pending objection against the concerned student.

Background

Project Started:	October 2010
Number of Resources:	1
Current Status:	**Ready for Deployment**
Future Milestones:	

Deployment in DSW Office
Training of all departments including library
Online verification of degrees by other recognized universities

Access Methods

The system is yet to be deployed. Front-end will be publicly accessible while the back-end will need username and password for access by university staff.

Sub-Modules

e-NOC system has the following sub-modules:

Check NOC Status

The students may view the status of their NOC without logging in. Follow the following steps:
1. Enter your registration number in the field provided
2. Press View button
3. The status of NOC for the student is displayed on the screen

Issuing NOC

First of all, the issuing office must check the status of NOC for the student. If the status shows 'Nothing Pending, NOC may be issued', the issuing office can proceed with the NOC issue process
Once NOC has been marked as issued, the issuing office must now print the NOC:
1. Enter the student's registration number
2. Click on the Print button
3. The student's details are automatically populated in the certificate
4. Objections and CLearance

Any concerned department of the University may raise an objection against a student being issued the NOC. For this purpose, it is the responsibility of the concerned department, including hostels and the Allama Iqbal Library to enter the objection details for each student in this system. By default, the system assumes 'No Objection' from the concerned department.

Information Centers – Operational

District Srinagar

- Amar Singh College
- S. P College
- Women's College M.A Road
- College of Education, Srinagar
- Women's College Nawakadel
- Ghandhi Memorial College, Srinagar
- Islamia College
- Vishwa Bharti College, Srinagar
- Bemina College
- Govt. Medical College Srinagar

District Baramullah

- University North Campus
- Degree college Baramullah Women
- Degree College for Boys Baramullah
- Degree College Sopore Boys
- Degree College Sopore Women
- Degree College Gurez

District Anantnag

- University South Campus
- Degree College Bijbehara
- Degree College Utrusu
- Anantnag Boys
- Anantnag Girls
- Degree College Kokernag
- Degree College Dooru

District Kulgam

- Kulgam Degree College
- Degree College Kelam

District Pulwama

- Pulwama Degree College
- Degree College Tral

District Shopian

- Shopian Degree College

District Kupwara

- Degree College Kupwara
- Degree Collge Handwara

District Budgam

- Degree College Budgam

District Ganderbal

- Degree College Ganderbal

Projects in Hand

e-Governed Examination System of Ministry of Communication & Information Technology, New Delhi:

The project concerns e-Governance of all the activities related to the Registration and Examination of students with a view to provide appropriate connectivity to all the affiliated Government Colleges across the valley and Ladakh Division.

Establishment of Skill Development/Centre of State Department of IT:

The project is sponsored by State IT Department and focuses on industry oriented up-gradation of skill set of IT professionals and other students to make them employable in the market at the national and international levels in collaboration with GIT, Pune.

Establishment of Centre of Excellence:

The project has been approved by the University Council and is being sponsored by the state Government. It provides for establishment of an advanced Centre of Excellence where high-end industry focused programs/courses will be conducted exclusively for IT professionals.

Centre for VLSI and embedded system Project in collaboration with IIT, Mumbai:

The project shall provide for advanced courses for IT professionals at the University in collaboration with IIT, Mumbai.

Wifi Services at Gulmarg

Digitization of Registration Records

Upcoming Projects

e-Governance of University Administration
The project shall focus on e-governing the entire University establishment including its academic and administrative constituencies. The project shall be taken up as soon as the Ministry gives its approval

2010 E-entrance Test- An over view

As part of the Directorate's plan to promote IT in every sphere of the Varsity, a modest attempt was made to have online admission process for P G programmes. For this purpose, the routine manual system was done away with and replaced with a more efficient and reliable e-based system. The main features of the new system are as under:

- Students can submit only one application form for as many as 8 programmes

- The application forms are downloaded from the official website of the University www.kashmiruniversity.net

- The entrance examination fee can be deposited at any branch of J & K Bank Ltd and the reconciliation is carried out automatically by IT & SS

- The admit cards are also available on the official website www.kashmiruniversity.net or can be collected from any of the concerned departments. The admit cards are generated only after reconciliation of the candidate's fee is made with J & K Bank Ltd

- The status of the application forms and admit cards can be checked from the official website of the University

- Applicants are communicated Roll Numbers, Schedule of Examination, Centre Information, Marks Scored in the Entrance Examination and Rank Obtained through e-mail and SMS

- Entrance question papers of the previous sessions are made available on the official website of the University in the 'Student Service' caption

- Syllabi of the courses taught at undergraduate level like Mass Communication, MLIS etc are available on the official website of the University under "Student Service" caption

- Help Desk facility is provided to the students in the e-Governance solution through which they submit their queries which are responded accordingy

- The e-Governance solution automates the processes required for the conduct of examinations like Examination Management, Generation of Attendance Sheets and Centre Notices

- The e-Governance solution also automates the process of generating the Merit list as well as the Selection List for different courses

- Following reports are generated:
    a. List of candidates (Date-Wise, Category-Wise)
    b. One page Application Form
    c. Programme-Wise Statistics
    d. Merit List
    e. Selection List

- In case a candidate requires to update the application, only the department in which it was submitted is authorised to make modifications.

Besides the above, Directorate of IT & SS will be starting online Entrance Admission Process for MBA, MFC and B. Tech.

Training Programmes

The success of the e-Governance project depends not only on technology but also on its acceptance by the end-user. In this regard the Directorate initiated a number of measures ranging from training of personnel to acquisition and application of technology. The following Training Programmes were conducted by the Directorate over the last two years:

1. *Ten-day General Awareness Programme* and *Five-day Need-Based Training* were conducted by the HRD and Trainings Division. The number of officials trained was one hundred and sixty, sixty from Examination Wing of the University, sixty from colleges and forty from departments of the University with a training plan of twenty employees per batch with man-machine ratio of 1:1. The objectives of these programmes was to train the staff that would be associated with e-Governance. It aimed at helping them understand the conceptual framework and the actual practice of e-Governance system at different levels. The major focus was on continuing acquisition and application of IT, imparting of various skills required for the same as well as confidence building measures. To achieve these objectives dynamic resource persons were engaged to impart training to examination wing staff, officials of various departments of the University, data entry operators and the in-charge staff of various colleges.

2. *One-day Workshop cum Training Programme* was held for clerks associated with admissions. A series of one-day programmes was held in the month of July 2009 at different venues to cater to various colleges affiliated with the University. The first programme was held at the Department of Computer Science, University of Kashmir. Following this, the Workshop cum Training Programme was organised at Government Degree College for Boys, Baramulla where twenty two clerks (Admissions) from Degree Colleges in North Kashmir were trained. For the staff of colleges from South Kashmir, the programme was organised at Government Degree College for Boys,

Anantnag and for those from the colleges of Central Kashmir it was held at the Directorate of IT & SS. Twenty five clerks participated in this programme. The technical sessions of the programmes focussed on the process of Registration Returns as well as Examination Enrolments and were conducted by the Programmes and System Engineers of the Directorate.

3. *One-week Training Programme* for clerks (admissions) was held at USIC from 1 January 2010 in which forty clerks participated. The programme focussed on basic computer awareness and the clerks were taught the basics of computer for e-Governance. Twenty technical sessions were taken up by different resource persons and training was imparted with regard to e-admission for entrance test.

4. *Ten-day Training Programme* for clerks associated with examinations was conducted in USIC from 27 July 2009. The programme in which hundred employees participated was conducted in four phases for different sections of the examination wing of the

University like Transit, Secrecy, Certificate and Examination (conduct). To this end, eighty technical sessions were conducted by resource persons namely Er Majid Zaman and Er Muheet Ahmad. The thrust of the programme was on basics of computer like *Introduction to Computers, Windows Vista, Microsoft Word 2007* and *Microsoft Excel 2007.* Besides, Self-Instructional Study Material prepared by the Training Division of the Directorate was distributed among the participants.

5. *Two-day Training Programme* for teachers of various departments of the University was conducted at USIC from 29 January 2010. Teachers were given instructions related to e-Entrance and e-Admission processes. Forty five teachers participated in the six technical sessions of the workshop conducted by various research persons. The Director IT & SS, Dr Mehraj-ud-Din Dar took up one technical session on *How Our New Developed Software Works* while Professor S Mufeed, Course Director HRD Trainings lectured on the importance and advantages of e- Governance.

6. *One-week Management Development Programme (MDP)* on e-Governance for College Principals of Kashmir and Ladakh Division was organised from 22 April 2010 in the Department of Computer Science. The objective of the programme was to equip Principals of Degree Colleges with necessary skills to enable them to supervise e-Governance related activities in their colleges. The programme recognised and highlighted the fact that College Principals are playing and have to play an important role in running academic affairs in co-ordination with the University Management on technically advanced lines. Nineteen technical sessions, besides two interactive sessions with delegates of the Ministry of Communications and Information Technology were held. Twenty seven College Principals participated in the week long programme. The technical sessions were conducted by the following resource persons:

> ‣ Professor Nisar Ahmad Shah, Chairman PMC and Dean Applied Science & Technology, University of Kashmir introduced the concepts of Information Technology and Communication Technology to the participants.

‣ Dr Mehraj-ud-Din, Director IT & SS highlighted the e-Governance mechanisms which has brought forty affiliated colleges within KU-WAN (wide Area Network) connectivity. College Management/Students can now feed & retrieve data/information related to admissions/examination/syllabi/courses etc. He drew attention to the infrastructural facilities that the University has provided to most of the colleges

‣ Professor SMK Quadri, Director, Department of Computer Sciences, University of Kashmir demonstrated the use of Microsoft word

‣ Professor S Mufeed Ahmad, Co-ordinator HRD & Trainings, IT & SS spoke on Personality Development for Executives & Administrators

▸ Er Muheet Ahmad, University of Kashmir focussed on Operating Systems related to Microsoft Word

▸ Er Majid Zaman, University of Kashmir touched upon the theoretical & demonstrational aspects related to the evolution of computer science

▸ Er Manzoor Ahmad, University of Kashmir introduced the basics in computer science

▸ Er Maroof Qadri, University of Kashmir gave a visual demonstration of Internet Usage and ISP (Internet Service Provider)

▸ Er A M Moon, Director DOEC elaborated on the need for High Performance Network

▸ Er Ajit from The Global Talent Track provided visual demonstration of working on Excel and gave a practical demonstration of advanced functions in mathematics.

▸ Mr Majid Shah from Sanguine Infotech provided information regarding the installation work carried out to connect affiliated colleges electronically with the University network. Twenty two colleges stand connected under the e-Governance programme which was initially used for one application i.e. Admissions. Other colleges will be connected in phases:
Phase 1 -- Pulwama, Kelem, Sopore, Utrusoo, Dooru, Tral and Ganderbal
Phase II--Shopian, Beerwah, Bandipora, Vishwa Bharti College, Gandhi Memorial College
Feasibility of Kokernag was under survey.
The University of Kashmir was also contemplating installation of a Solar System as part of the power back up.

In addition to these sessions, the participants engaged in four interactive sessions with experts from renowned multinational companies like Worldwide Symantec Corporation, Wipro Infotech, Sanguine Infotech & Global Talent Track. An interactive session also took place with a four member team from the central Ministry of Communication & Information Technology (MCIT) and a member from the State Information Technology Department. The team comprised of the Joint Secretary MCIT, Shri Shankar Aggarwal; Senior Director, MCIT, Shri SP Singh and Senior Consultant, MCIT, Shri Deepak Singh. The members lauded the lead taken by the University of Kashmir in matters related to e-Governance. In a meeting with the Hon'ble Vice chancellor, University of Kashmir, Professor Riyaz Punjabi which was also attended by Professor S Fayyaz Ahmad, Registrar, University of Kashmir, Er Mehraj-ud-Din Dar, Director IT & SS, Professor Mufeed Ahmad of the Business School and Coordinator HRD and Training members from MCIT expressed their satisfaction at the progress of e-Governance in the University. Adding that the success story of the

University would be put on the official website of GOI and circulated in the national press, the members labelled the University of Kashmir as a "working model" for other universities of the country. The Joint Secretary, MCIT, Shri Shakhar Aggarwal assured the University of full assistance under the National e-Governance Scheme in terms of e-Infrastructure.
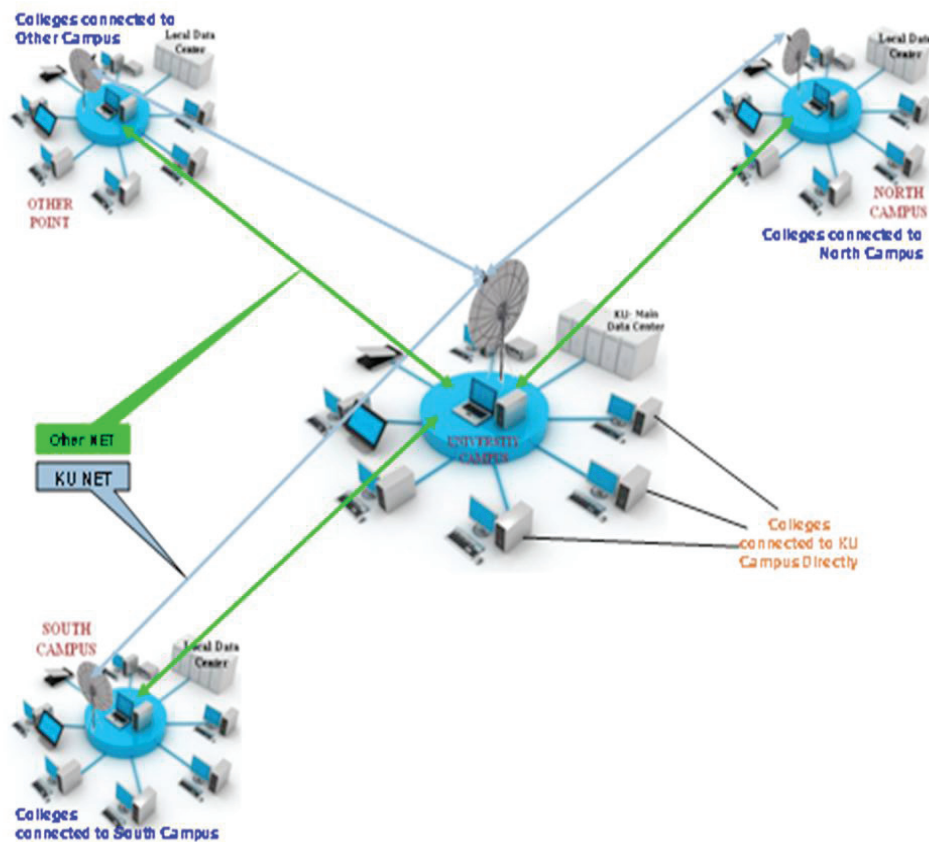

The session with Worldwide Symantec Corporation that provides security, storage and systems management solutions to secure and manage the information driven world was related to *Security Management*. The experts educated the participants on the transmission of information in the form of data which needs to be protected and the measures that need to be taken to prevent data loss in the present Cyber Age. The session with Wipro Infotech experts was regarding *Animation*. They highlighted the significance of Multimedia in education sector, saying that multimedia has transformed *conventional type class room* study into a *smart class room environment*. The experts revealed that India was set to become the world's largest animation hub. In another session the experts concentrated on e-learning and made a visual demonstration as to how Wipro is marching on the *Road to the Digital School* in collaboration with Apple, the gaint multinational corporation.

The programme ended with a valedictory function in which the Vice-Chancellor Professor Riyaz Punjabi reiterated that the success of the University's e-Governance Programme lies in colleges and asked the Principals to work towards the same. The Principals of colleges who are primarily college managers termed such programmes as indispensable for governing and managing academic affairs between the University and colleges. Electronic connectivity they insisted, requires constant sustenance and surveillance so that the system proves student-friendly.

KU admissions to be fully e-governed

GK NEWS NETWORK

Srinagar, Feb 5: Kashmir University's admission process 2010 for various post graduate courses will be fully e-governed and students will now have online services available for filling up admissions forms and fee and access to online syllabus for entrance and previous year's entrance papers.

A complete SMS based information system has been developed to intimate the students about different events regarding admissions, Dr Mehraj-ud-din, Director, Information Technology & Support System, said while making a presentation before Vice-Chancellor Prof Riyaz Punjabi. He said the students will

just have to press the graphic icon "2010 Admission" on the Kashmir University website www.universityofkashmir.ac. in to access the online admissions forms, fee receipts, application status, centre notice, date sheet, entrance results and help desk.

Like earlier the students will not have to fill the admission forms separately for each course but a student can fill up an entrance form for eight courses of his choice. Another icon "student services" will lead a student to academic details, syllabus and pattern of the entrance test and previous years entrance papers, he added.

The Prof Punjabi congratulated the Director for the achievement.

Success of e-Governence in Kashmir University by IT&SS through Media

CLASSIFIED/NEWS

Colleges can make e-governance success story: VC

EXT NEWS SERVICE

SRINAGAR, Apr 28: Vice Chancellor university of Kashmir (KU), Prof Riyaz Punjabi, Wednesday said that real success of the varsity's e-governance program lies in colleges and asked principals to work vigorously for implementing it.

"I am looking for the day when I would be interacting with principals on regular

basis through video conferencing," he said, while presiding over the valedictory function of a week-long Management Development Program (MDP) one-governance for College Principals organized by Directorate of Information Technology and Support Systems (IT&SS), University of Kashmir at Gandhi Bhawan Hall of the varsity.

Prof. Punjabi said that

there is need to bring governance under the sphere of Information Technology.

"This will make a big change in governance and ease our burden," he said. Referring to success of phase I of e-governance for University and Colleges, he said that despite earlier resistance by some corners, it is a reality now. He showered praises on the Director IT&SS, Er. Mehraj-ud-Din, and his

team, for their pro-actively working to materialize the dream of e-governance. Earlier, while delivering the welcome address, Dr. S. Mufeed Ahmad, Professor at the University's Business School and Coordinator – HRD & Trainings, e-governance project expressed gratitude to VC for his interest in introducing e-governance in all spheres of e-governance functioning.

He thanked college principals who were participants of the program for their cooperation and keen interest in all the sessions of the week-long program. On the occasion, Director IT&SS, Er. Mehraj-ud-Din while responding to the feedback from the college principals assured them that the Kashmir University would provide all forms of technical support to college websites.

Real success of e-governance lies in colleges: V-C

'Phase II to be completed by next Feb'

Srinagar, Apr 28: The vice-chancellor Kashmir University, Prof Riyaz Punjabi Wednesday said that real success of Kashmir University's e-governance program lies in colleges and asked the principals to work for its implementation.

"I am looking for the day when I would be interacting with principals on regular basis through video conferencing," he said presiding over the valedictory function of a week-long Management Development Program (MDP) on e-governance

for College Principals organized by Directorate of Information Technology and Support Systems (IT&SS), University of Kashmir at Gandhi Bhawan Hall.

Prof Punjabi said that there was need to bring governance under the sphere of Information Technology.

"This will make a big change in governance and ease our burden," he added. Prof Punjabi praised Director IT&SS, Er. Mehraj-ud-Din for success of phase I of e-governance for University and Colleges.

Mehraj-ud-Din while responding to the feedback from the college principals assured them that the Kashmir University would provide all

forms of technical support to college websites. "Phase II of e-governance will be completed by next February," he said.

During the MDP, 27 College Principals participated, attending 19 hour duration sessions, besides 2 interactive sessions with delegates of the ministry of Communications and Information Technology (MCIT).

During the program, the principals also participated in 4 interactive sessions with experts from renowned Multi National Companies (MNCs) like Worldwide Symantec Corporation, Wipro InfoTech, Sanguine InfoTech, Global Talent Track (GTT).

IT giants interact at KU

GK NEWS NETWORK

Srinagar Apr 26: Experts from IT behemoths such as Worldwide Symantec Corporation, Wipro InfoTech, Global Sanguine InfoTech, Global Talent Track (GTT) interacted with college principals at a Management Development Programme (MDP) on e-governance today.

The week-long programme being organised by Directorate of IT&SS is currently going on in Kashmir University.

Giving details of today's interaction session, Prof S Mufeed said experts educated the participants about how transformation of information in the form of data is to be protected. The measures taken to prevent data loss.

"Experts focused on various solutions for hardware, software, networking, virtualisation besides e-learning" he added.

Director IT&SS Dr. Mehraj-ud-Din Dar on the occasion informed how the 40 affiliated colleges were brought into the KU Wide Area Network (WAN). "Increased transparency is only possible through the participation of the students and colleges in the project of e-governance," he said.

On the effort... expert Majid Shah, who is in-charge of towers located within varsity and colleges made participants aware as to how installation work is carried out to get affiliated colleges electronically connected with university network.

Prof S Mufeed Ahmad, coordinator (HRD & Trainings) of the MDP, said such interactive measures would be a regular feature of the MDP wherein IT experts would be taking sessions related to e-governance issues.

The interactive session of an ongoing week...

Prof Punjabi stresses on E-Governance

'I wish to talk to college heads through video conferencing'

RISING KASHMIR NEWS

Srinagar, Apr 28: The Vice Chancellor University of Kashmir, Prof Riyaz Punjabi Wednesday said that real success of varsity lies in E-governance for which college principals need to work vigorously.

"I am looking for the day when I would be interacting with principals through video conferencing," he hoped.

Prof Punjabi was speaking during the valedictory function of a week-long Management Development Program (MDP) on e-governance for College Principals organized by Directorate of Information Technology and Support Systems (IT&SS), KU.

Prof. Punjabi said that there is need to bring governance under the sphere of IT.

"This will make a big change in governance and ease our burden" he said.

On the occasion, Director IT&SS, Mehraj-ud-Din while responding to the feedback from college principals assured that KU would provide technical support to college websites.

"Phase II of e-governance will be completed by next February," he said.

During the MDP, 27 college principals participated, attending 19 sessions, besides 2 interactive sessions with delegates of the Ministry of Communications and Information Technology (MCIT).

First MDP for Co... Principals Concludes at KU

Colleges can make e-governance success story: VC

Srinagar, Apr 28: Vice Chancellor University of Kashmir, Prof. Riyaz Punjabi Wednesday said that e-governance program lies in of Kashmir University's e-governance colleges and asked principals to work vigorously for implementing it.

"I am looking for the day when I would be interacting with principals on regular basis through video conferencing," he hoped. This he said while presiding over the valedictory function of a week-long Management Development Program (MDP) on e-governance for College Principals organized by Directorate of Information Technology and Support Systems (IT&SS), University of Kashmir at Gandhi Bhawan Hall of the Varsity.

Prof. Punjabi said that there is need to bring governance under the sphere of Information Technology "This will make a big change in governance and ease our burden" added VC. Prof. Punjabi, while speaking about success of phase I of e-governance for University and Colleges said that despite earlier resistance by some corners, it is a reality now. He showered heaps of praises on the Director IT&SS, Er. Mehraj-ud-Din and his team for proactively working to materialize the dream of e-governance.

Earlier, while delivering the welcome address, Dr. S. Mufeed Ahmad, Professor at the University's Business School and Coordinator - HRD & Trainings, e-governance project expressed gratitude to VC for his interest in introducing e-governance in all spheres of e-governance functioning. He thanked college principals who were participants of the program for their cooperation and keen interest in all the sessions of the week-long program.

On the occasion, Director IT&SS, Er. Mehraj-ud-Din while responding to the feedback from the college principals assured them that the Kashmir University would provide all forms of technical support to college websites. "Phase II of e-governance will be completed by next February," he announced.

Prof. Mohammad Shafi Dar, Principal, Govt. Degree College Anantnag, on the occasion presented a detailed report of the week long program. Prof. Shafi lauded the efforts of the Directorate of IT&SS, Kashmir University the way the program was handled. Distribution of daily based feedback forms prepared by coordinator MDP was also lauded by the participants stating that it was "a good step to make the program more and more..." Participants unanimously praised KU for new culture of faculty training... industry with academic...

During the MDP... attending 19 long du... sessions with delega... tions and Information...

During the program... 4 interactive sessions w... National Companies (MN... Corporation, Wipro InfoTe... Talent Track (GTT).

Prof. S M Qadri, Director, Sciences presented the vote...

Prof. Punjabi later gave a... tion to all participants. Presen... Faculty of Applied Sciences &... Dean Students Welfare, Prof. ... tor, Dr. Abdul Hamid Zargar, an... sity.

KU admissions to be fully e-governed

KT NEWS SERVICE

SRINAGAR, Feb 5: Kashmir University's admission process 2010 for various post graduate courses, beginning shortly will be fully e-governed.

According to a press note, students will now have Online Services available for filling up admissions forms and fee and access to online syllabus for entrance and previous year's entrance papers. Further a complete SMS based information system has been developed to intimate the students about different events regarding admissions. This was informed by Dr Mehraj-ud-Din Director, Directorate Information Technology & Support System (IT & SS) Thursday at Kashmir University while making a PowerPoint presentation of the initiative before vice chancellor Prof Riyaz Punjabi. Registrar Kashmir university Prof Syed Fayaz, Controller examinations Prof A M Shah, Dean collage development Council Prof Mushtaq A Kaw and top officials of the University were present at the time.

Dr Meraj-ud-Din said that the students will just have press the graphic Icon "2010 Admission" on the Kashmir University website www.universityofkashmir.ac.in and they will have access to online admissions forms, Fee receipts, application for status, centre notice, date sheet, entrance results and help desk.

Like earlier the students will not have to fill the admission forms separately for each course but a single student can fill up an entrance form for eight courses of his choice. Another text icon "student services" will lead a student to his/her academic details, syllabus and pattern of the entrance test and previous years entrance papers added Dr Mehraj-ud-Din.

Dr Mehraj-ud-Din further said that complete SMS based information system has been developed to intimate the students about different events regarding admissions and a student will now get all the information regarding admissions on his own or his parents cell numbers..

"This will process will be a big relief to the students" said director IT&SS adding that his Directorate is committed to serve as a Central Resource for capitalizing the enormous opportunities associated with Information Technology.

Vice chancellor Kashmir University Prof Riyaz Punjabi congratulated Director IT&SS for this achievement and said that the very concept establishment of the Directorate was to ensure active contribution of the University in the development of the Society through the capitalization of opportunities associated with the Information technology and present move is step towards that end.

It is pertinent to mention here that owing to the significance which the Information Technology has achieved over the past several years in the areas of employment, education and governance the University has established a separate Directorate of Information Technology & Support System (IT & SS), The directorate has the target to achieve excellence in Multimedia Systems, Software Development and Bridge the gap between Academics & Industry through the establishment of Advanced Centre of Information Technology Provide IT support to the local conventional Industry by establishing Computer Aided Designing Centre and implement & Manage e-Governance in the University System and provide necessary support to other Organizations in the e-governance plans.

Directorate of IT and SS

University of Kashmir Hazratbal, Srinagar Kashmir
www.kashmiruniversity.net
email: dirit@kashmiruniversity.ac.in
Tel: (0194) 2411305, Exchange: 0194-2421346, 24200078, Ext. 2006,
2007, 2036, Fax: 0194-2411305