

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY**

[Established by the Govt. of NCT of Delhi vide
Guru Gobind Singh Indraprastha University Act No.9 of 1998]

**RE-ACCREDITATION REPORT
PART – II : THE EVALUATIVE REPORT**

Submitted for Re – Accreditation

to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An autonomous Institution of the University Grants Commission
P.O.Box No. 1075, NAGARBHAVI, BANGALORE – 560 072 KARNATAKA, INDIA

January, 2012

**GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY**

**RE-ACCREDITATION REPORT
PART – II : THE EVALUATIVE REPORT**

TABLE OF CONTENTS

TABLE OF CONTENTS

A.	Executive Summary	5-19
B.	Criterion-Wise Evaluative Report	
1.	Criterion I : Curricular Aspects	21-58
2.	Criterion II : Teaching – Learning and Evaluation	59-103
3.	Criterion III : Research, Consultancy and Extension	104-124
4.	Criterion IV : Infrastructure and Learning Resources	125-145
5.	Criterion V : Student Support and Progression	146-169
6.	Criterion VI : Governance & Leadership	170-246
7.	Criterion VII : Innovative Practices	247-264
C.	Evaluative Reports of the University Schools of Studies [USS]	
1	: UNIVERSITY SCHOOL OF ARCHITECTURE AND PLANNING [USAP]	266
2	: UNIVERSITY SCHOOL OF BASIC AND APPLIED SCIENCES [USB&AS]	269
3	: UNIVERSITY SCHOOL OF BIOTECHNOLOGY [USBT]	272
4	: UNIVERSITY SCHOOL OF CHEMICAL TECHNOLOGY [USCT]	277
5	: UNIVERSITY SCHOOL OF EDUCATION [USE]	281
6	: UNIVERSITY SCHOOL OF ENVIRONMENT MANAGEMENT [USEM]	284
7	: UNIVERSITY SCHOOL OF HUMANITIES AND SOCIAL SCIENCES [USHSS]	290
8	: UNIVERSITY SCHOOL OF INFORMATION TECHNOLOGY [USIT]	295
9	: UNIVERSITY SCHOOL OF LAW AND LEGAL STUDIES [USLLS]	299
10	: UNIVERSITY SCHOOL OF MANAGEMENT STUDIES [USMS]	307
11	: UNIVERSITY SCHOOL OF MASS COMMUNICATION [USMC]	314

A. EXECUTIVE SUMMARY

Established by the Government of NCT of Delhi as its First affiliating and teaching University by an Act No.9 of 1998 with the name 'Indraprastha Vishwavidyalya' ; consequent upon an amendment affected by the Legislative Assembly of National Capital Territory of Delhi on October 11, 1999, its name was expanded as 'Guru Gobind Singh Indraprastha University'. In terms of its Act, this University continues to be *"an affiliating and teaching University to facilitate and promote studies, research and extension work in emerging areas of higher education with focus on professional education, for example engineering, technology, management studies, medicine, pharmacy, nursing, education, law, etc., and also to achieve excellence in these and connected fields and other matters connected therewith or incidental thereto."* Since inception till this date, the University has been fortunate to have been led by a visionary, dynamic and globally acclaimed Vice-Chancellors ; the present incumbent being Prof. Dilip K. Bandyopadhyay.

While the Vision & Mission Statements continues to thrive for excellence and innovations, the 'Quality Policy' of the University has further been stated in an unequivocal terms which now read as thus :

"Guru Gobind Singh Indraprastha University is committed to providing professional education with thrust on creativity, innovation, continuous change and motivating environment for knowledge creation and dissemination through its effective Quality Management System."

The University now is thirteen years old and it has been able to spread its wings to several countries of the world. Aside 11 University Schools of Studies on its Main Campus (West Campus : Sector 16-C, Dwarka, New

Delhi) and North Campus (Kashmere Gate, Delhi), its 02 Schools of Studies are providing leadership role to the affiliated institutions. On its Campuses, 33 academic programmes are conducted for 5000+ national and international students. One maintained institute, namely, Indira Gandhi Institute of Technology apart, there are 100 Colleges/ Institutions which are further affiliated to this University. of these, 76 are self-financing, and the rest 24 belongs to either Govt. of India or Govt. of NCT of Delhi. More than 100 professional programmes are being run in these affiliated institutions with a total enrolment of over 64000 students.

CURRICULAR ASPECTS

It has been the continual endeavor of this University to emerge out to be the **University for the Next Orbit**. During the last five years, a number of interdisciplinary and innovative programmes have been introduced, both at Undergraduate and Postgraduate levels, such as B.Tech./M.Tech. in Computer Science and Engineering, BBA,LL.B. (H), B.Arch., Basic Course in Behaviour Testing and Advanced Course in Behaviour Testing, M.Tech., in Digital and Wireless Communication, M.Ed., MBA (Financial Markets), Master of Mass Communication, Master of Journalism and Mass Communication, LL.M. in Cyber Crime and Cyber Law and LL.M. Intellectual and Industrial Property Laws keeping in view the national and social needs on the one hand, and to meet the global challenges, on the other.

It is one of the few Universities in India that has introduced students feedback mechanism for the course and the transactional methodologies to improve the quality of curriculum and its transaction. The University offers a wide range of courses and the programme options include 08 Undergraduate courses, 23 Postgraduate courses, 02 Certificate courses, and Ph.D. programmes in as many as 35 macro and micro disciplines. The curriculum

is flexible, interdisciplinary and has warranted IT input. Wherever possible, the Schemes of academic programmes have been designed on modular basis so as to facilitate flexibility and awarding of more than one degree. Care has been taken to include skill development, career training, community orientation, computer literacy, value education, etc. as part of the curriculum in the various programmes. Being an autonomous institution, the University designs and develops its own syllabi keeping in view the UGC and AICTE modal syllabuses through Boards of Studies (BOS) and Academic Council (AC). The University has members from corporate houses and industries in its BOS and AC to have effective industry-institution linkages. Curriculum revision is done periodically based on the feedback from outgoing students, teachers, peers, and alumni. The course contents in most of these new curricula are designed with provision of practical training, field work, ICT exposure, community orientation, etc. Semester system is followed in all the UG, PG, and course ware requirements related to Doctoral research programme ; however, there is one tri-semester Postgraduate programme. The University permits transfer of credits, which facilitates the horizontal mobility to the students migrating from one institution to others. Adequate built-in-mechanism exists in syllabi for providing value orientation to the students .Students are encouraged to participate in seminars, paper presentations, group discussions, quizzes as also for preparation of case Studies, Lab Assignments, etc. for the development of their overall personality.

TEACHING- LEARNING AND EVALUATION

All the necessary informations pertaining to the University, its admission procedure, etc. are available in the Admission Brochures and on the homepage of the University's Website (www.ipu.ac.in). The process of admission is fully computerized. While the University follows the reservation

system stipulated by government, emphasis is on merit as the criteria for admission. For the newly admitted students, the University conducts orientation programmes to acquaint them with the University's current environment, examination and evaluation process, extra-curricular and co-curricular activities, etc. The slow learners are given special coaching classes, while advanced learners are given special assignments and encouraged to learn more on their own through library and Internet. The University prepares an Academic Calendar prior to the commencement of each academic session. In the last academic year, the University functioned for 347 days out of which 347 days were devoted to teaching. The University has made sustained and ceaseless efforts to employ innovative teaching-learning methodology. In fact it had shifted the focus from '**teacher-centered pedagogy**' to '**learner-centered pedagogy**' by introducing, projects, field trips, internship, industrial training, etc. Exposure to facilities like Overhead projector, LCD projector, Computer and Internet in teaching learning method has enabled the students to keep pace with the modern technology development and to make them globally competent. The University has 321 sanctioned teaching posts out of which 160 have already been filled.* To keep abreast of the new development in the respective area of specialization, the teachers are encouraged to participate in national and international conferences/seminars/symposia, etc. and to attend refresher/orientation courses and the other training programs organized by the University and those of the other universities and the renowned institutions in the field of higher education. The University also grants study

* Couple of teaching posts over and above 160 have recently been further filled.

leave to the teachers for higher studies and research. During the year 2006-10, teachers attended **26** refresher courses, **39** orientation programmes and **69** staff development programmes. These apart, several faculty members availed study leaves for their higher studies. The teachers are also sensitized to modern technology and are motivated to use the same for their teaching and research. The University as well as the Schools organized a sizeable number of State/National /International levels Seminars/Conferences/Workshops from time to time. Experts and professionals are invited from other research institutions, industries and universities to share their experiences and expertise with the teachers and the students of the University. The mentor system is working well. A good number of teachers of this University has received awards and recognition for research, teaching, social work and extension activities from the Government and Non Government Organizations. The University has adopted FADS - a scheme for the self planning and evaluation for the teachers, alongwith the component of soliciting feedback from students. Teachers are assessed once in every semester by the students . The feedback of the students about the curriculum, course content and other aspects of teaching-learning system are obtained. Depending on the outcome, the Deans of the Schools take appropriate initiative/s/ action/s. It is observed that this exercise has immensely helped in maintaining the quality of our academic programmes. Roadmap has already been prepared for introducing Choice Based Credit System in all PG courses. The Evaluation of students in all courses have two components : (i) evaluation through a semester-end examination ; and (ii) continuous evaluation by the teacher(s) of the course. For the end semester examinations a centralized evaluation system is followed. The results are displayed on the University's Website. The whole examination process has been computerized; however, a number of additional examination reforms have further been carried out to have the smoothest and transparent evaluation system in the University ; to substantiate, the

University has recently approved the regulation empowering the students to inspect their Answer Sheets.

RESEARCH, CONSULTANCY AND EXTENSION

There has been a steady improvement in the research performance of the University during the last five years. The University has taken several steps to promote the '**research culture**' among both its faculty and students. Important among these initiatives include : enhancement of the infrastructural facilities ; augmentation of the laboratory and library facilities; subscription to more of research journals ; provision for free access to internet, etc. Dissertation and Projects constitute an integral part of the curricula in Postgraduate programmes and in some of the Undergraduate level programmes. This helps the students to imbibe research aptitude and broaden their perspective in the subjects/ topics of their greater interest.

Of the total number of regularly recruited faculty (160), nearly three-fourth of them (118), possess their Degree of Doctor of Philosophy. Further, the chunk portion of the total regular faculty has been recognized for supervising the research work undertaken for the award of Degrees of Doctor of Philosophy. As at the moment **107** Research Scholars are registered for doing their Ph.Ds. in different University Schools of Studies. Some of them receive financial assistance from research projects. The total number of Ph.Ds produced during the last five years is **93**. At present 37 major research projects with a total funding worth Rs.7.6 crores from several external agencies are being executed. During the last five years the faculty members have published **412** research papers, out of which most of them

have been published in referred national and international journals with good impact factors. In addition, during the same period they have authored/edited 106 books and presented 305 research papers in the seminars and conferences. Some of the faculty members are acting as referees for couple of national and international journals. The University has also registered progress in the area of consultancy as compared to the position obtaining at the time of first accreditation by NAAC. The University takes up extension activities and various types of outreach programmes through its Schools and Student Bodies. Participation in special programmes for inculcating social concern in the minds of the students especially for the downtrodden has been multiplied. Various programmes on the community development, women empowerment, spread of literacy and promotion of peace and harmony have been conducted in collaboration with Government and NGOs. The University has established linkages with 21 national and international Universities/Institutions through the MoUs in order to expand and strengthen its academic, extension and research activities over and above the relationships build up with over 200 industrial units located in National Capital Region and Metro Cities.

INFRASTRUCTURE AND LEARNING RESOURCES

(i) INFRASTRUCTURE :

The University has now significantly enriched itself both in terms of infrastructure and learning resources. It has already been shifted from Kashmere Gate Campus to its Main Campus being built up on land admeasuring over 60 acres at Sector-16-C, Dwarka. The phase –I of the University's main campus is nearing completion with an expenditure of over Rs.186/- crores. In all respects, it has provisions for all kinds of

infrastructural facilities on a built up area of over 90,000 sq. mtrs. such as distinct administrative block, library block, blocks for University Schools of Studies, hostels, Vice-Chancellor's residence, staff quarters (Type-I through Type-V), guest house, convenience shopping centre, community hall, health centre, cafeteria, auditorium, indoor sport complex, playing fields and swimming pool.

Distinguishing features of the Main Campus :

From out of 11 University Schools of Studies, the following 09 University Schools of Studies are operational from the University's Main Campus w.e.f. academic session 2010-11 :

- (i) University School of Chemical Technology
- (ii) University School of Education
- (iii) University School of Humanities and Social Sciences
- (iv) University School of Law & Legal Studies
- (v) University School of Management Studies
- (vi) University School of Basic and Applied Sciences
- (vii) University School of Biotechnology
- (viii) University School of Environment Management
- (ix) University School of Information Technology

At Kashmere Gate Campus, which is known as University's North Campus is now its satellite campus from where 02 recently established University Schools of Studies are found operational, namely, University School of Architecture & Planning, and University School of Mass Communication. Needless to mention that they have adequate space in terms of their infrastructural requirements of the variegated nature.

What is interesting is that the University is also coming up with its East Campus which is in the process of construction at Surajmal Vihar on a land admeasuring 18.75 acres ; a Budget of Rs.65.00 crores has been approved for its construction by the Govt. of NCT of Delhi. It is on this campus that the University has finalized its plans to establish a National Institute of Design and, (b) a World Class University's School of Architecture and Planning. The work of construction of boundary walls, earth filling and soil testing investigations have been completed. Similar to that of University's Main Campus, it will have identical and specialized infrastructural facilities that may be required for the Institute of Design & University School of Architectural & Planning.

The vital features of this Campus shall again be akin to that of its Main Campus. Thus, the University shall have, on the completion of the construction process going-on at the Main Campus and East Campus, shall have a total built up area of Rs.1.50 Lakhs sq. mtrs. for an estimated number of about 7500 to 8000 students.

(ii) LEARNING RESOURCES:

Learning resources in print and in e-form both at UIRC and four departmental libraries are more than adequate for the total strength of the students which on both of its campuses now is slightly more than 5000. Aside automated facilities and services available in the UIRC, the University specially takes care of text books requirements of each one of the student registered with any of the University Schools of Studies by way of issuing 05 text books for the whole semester, of course, on a returnable basis after the completion of end-term examinations. The University is equally rich in terms of ICT related equipment.

STUDENT SUPPORT AND PROGRESSION

The total number of students enrolled in different academic programmes at both the campuses, i.e. at Main Campus and Kashmere Gate Campuses is over 5000 ; of these, nearly 2500 are girl students and 40 are foreign students. The average success rate of the students in the UG and PG programme during the last year have been 85% and 88%, respectively. The drop out rate is below 5%. Financial Support in the shape of Merit Scholarships, Freeships (Full/ Partial) and Doctoral and Post-Doctoral Fellowships is available. The student support services in University include University's Central Career Guidance and Placement Cell and the Placement Cells of University Schools of Studies, Indraprastha University Industry Interaction Cell, Centralized Counselling Cell, Hostels, Sports facility, etc. The Placement Cells offers training to the students and arranges for campus interviews for employment in the industry and other organisations. The faculty members are involved in providing academic and personal counseling. University has a separate cell for prevention of sexual harassment chaired by a senior faculty from among the women teachers who takes care of the specific needs of women faculty and students. Unique feature of the University is its infrastructure that is built in by considering easy access to differently-abled students using ramp, lifts etc. An alumni association registered under Society Registration Act has been functioning in all the University Schools of Studies, besides a Central Alumni Committee. These associations organizes '**annual-get-togethers.**' Many of the alumni hold distinguished positions in different walks of life in the country and abroad. Several recreational/cultural and sports facilities are available for the students. The Students bodies organize many co-curricular activities like Anugoonj, Seminars, Cultural Fests, etc. The University also brings out a magazine '*Adamyā*' showcasing the literary caliber of students and highlighting the various activities of the institution.

GOVERNANCE AND LEADERSHIP

The vision, mission and objectives of the University are translated into realities *via* processes of teaching, research and extension activities. Effective governance is achieved through a participatory and decentralized administrative set up. The University has a well-defined organizational structure to coordinate the academic and administrative functions of the institution.

The Hon'ble President of the Republic of India is the Visitor of the University and any dispute arising between the University and any other University established by law in the National Capital Region can be referred to the Visitor whose decision shall be final and binding on the concerned parties. The Lieutenant Governor of Delhi is the Chancellor of the University and, if present, presides over the Convocation of the University for conferring degrees. And, by virtue of his position, he also acts the Chairman of the Court, the supreme Statutory Body of the University. These apart, the organization structure of the University is comprising of Board of Management, Planning Board, Academic Council, Finance Committee, Board of Affiliation ; all of these Statutory Bodies are Chaired by the Vice-Chancellor of the University who, in fact, is responsible for execution of the decisions taken by these statutory bodies. Not only that he virtually provides the warranted kind of leadership to these bodies and extends support in the execution of all plans and programmes of the University as developed in terms of the policy decisions taken by the different statutory bodies.

As regards Governance, the role played by the Deans of different University Schools of Studies, Directors, who are assigned specific duties, Registrar, Controller of Finance, Controller of Examinations and Superintending Engineer is quite vital. As a matter of fact, their duties and responsibilities are well defined in the University's Act, Statutes and

Ordinances. It would be of great relevance here to mention that the University has recently enacted a distinct Statute 33 for the establishment of “**Indraprastha University Internal Quality Assurance Cell (IIQAC)** as a Statutory Body for the purposes of imparting quality education in the University Schools of Studies.

Likewise, 04 new Ordinances have been enacted ; Ordinance 32, Ordinance 33, Ordinance 34 and Ordinance 35, as detailed hereunder :

Ordinance 32 : Code of Ethics, Conduct, Discipline and Penalties–
Teaching Staff

Ordinance 33 : Code of Ethics, Conduct, Discipline and Penalties –Non-
Teaching Staff

Ordinance 34 : Guidelines for Delegation of Powers to Deans

Ordinance 35 : Establishment of Centres of Excellence

These apart, the **Guidelines relating to Sponsored Research Projects have been converted into an Ordinance** (see, please, **Appendix : XII in Part-III of Re-Accreditation Report : Appendices** as suggested by the Peer Team ; however, the necessary formalities are in the process of fulfillment before this Ordinance become statutorily effective.

In so far as the recruitment of faculty of different Cadres is concerned, the University is now following the concerned Regulations of the UGC ; the recruitment rules and procedure for appointment of non-teaching staff has also further been updated. It may be relevant here to reiterate that there exists elaborate appraisal system for evaluating the performance of both teaching and non-teaching staff. While the teaching staff is appraised by the students, the students in their turn are appraised for their performance by

their employers, of course, that too in a structured manner, excepting when they are doing internship.

The entire Governance mechanism at the level of University Schools of Studies, Academic Branch, Accounts Branch has been electronically facilitated. In other branches of administration the mechanism of E-governance is also in the process of implementation.

The University is self-sufficient in so far as meeting of its operational expenses are concerned and the required amount of funds are being granted by the Govt. of NCT of Delhi for meeting its capital expenditure involved in the development of infrastructural facilities at its main campus located at Sector 16-C, Dwarka, New Delhi and the north campus located at Kashmere Gate. A number of welfare schemes both for the students and staff are found operational. The residential accommodation for both teaching and non-teaching staff as well as hostels for students shall also be taken care of at both-its main campus and north campus.

INNOVATIVE PRACTICES

The effective functioning of the IIQAC and the Quality Certification System has created a quality consciousness among the University community. Periodic review and restructuring of the curricula are done after receiving feedback from the stakeholders including industry. University has established linkages with various overseas and Indian Universities / institutions by signing MOUs for faculty and student exchange, research collaborations etc. The University has all along been striving to give '**preferential option**' to the poor students by giving them special consideration by providing scholarships and financial assistance.

The University attaches supreme importance to value based education and strives to impart it effectively by encouraging students to undertake outreach activities. Students and the faculty are encouraged to utilize ICT in academic transactions through the use of Internet, intranet, digital library, LCD projector, etc. The University promotes research by instituting '**Best Researchers' Awards.**' The awards are conferred annually to the teachers who have adequate research publications (as per norms developed by a Committee) in an academic year. As a testimony to '**Thrust on Excellence**', an **Ordinance** Governing the establishment of 'Centers of Excellence' has been approved. Our main aim is to mould our students to become socially aware citizens, so we plan the academic activities to help our students to become globally employable , self-reliant and capable to meet the future challenges. Serving for the cause of increasing access to education in emerging areas of professional disciplines, while ensuring quality and equity, are few ways by which our University is trying to contribute to the national development and meet its stakeholders expectations.

XXXXX
XXX
X

B. CRITERION-WISE EVALUATIVE REPORT

CRITERION I : CURRICULAR ASPECTS

1.1 CURRICULUM DESIGN AND DEVELOPMENT

1.1.1 State the vision and mission of the institution.

The Statements of 'Vision' and 'Mission' as envisaged by the University are reiterated hereunder :

(i) STATEMENT OF VISION

"The University will stimulate both the hearts and minds of scholars, empower them to contribute to the welfare of society at large; train them to adapt themselves to the changing needs of the economy ; educate them for cultural leadership to ensure peace, harmony and prosperity for all".

(ii) STATEMENT OF MISSION

"Guru Gobind Singh Indraprastha University shall strive hard to provide a market oriented professional education to the student community of the India in general and of Delhi in particular, with a view to serving the cause of higher education as well as to meet the needs of the Indian Industries by promoting establishment of colleges and School of Studies as centers of excellence in emerging areas of education with focus on professional education in disciplines of engineering, technology, medicine, education, pharmacy, nursing, law etc".

1.1.2 What are the major considerations addressed by the goals and objectives of the institution? (Intellectual, Academic, Training, Access to the Disadvantaged, Equity, Self development, Community & National Development, Ecology and environment, Value orientation, Employment, ICT introduction, Global demands, etc.).

The vital considerations addressed in determining the aims and objectives of the University are also reiterated and elaborated as thus:

- To be a role model University in professional education*
- To pursue high quality research in niche areas of strength.*
- To be sensitive and responsive to the regional, national and societal needs.*
- To strive hard to be an epitome of perfection*

And, in pursuing all of these aims, the major guiding philosophy of the University would be (a) encouraging of innovations ; (b) maintaining and promoting transparency in actual actions ; (c) creating an environment wherein the faculty and students are encouraged for experimentation with newer ideas ; and (d) alongside relevance, the accountability is kept in mind.

AN ELABORATION :

These goals of the University guide us to address various aspects of intellectual and academic domain, training, access to the disadvantaged, equity, self development, community and national development, ecology and environment, value orientation, employment, ICT introduction and global demands. These aims of this institution are reflected in the way the academic programmes are conceptualized and designed with the view to cater to the national mission of offering access to the disadvantaged as well as promoting equity by way of remedial classes, offering freships to economically

disadvantageously placed group of students, etc. ; intellectual capability of the faculty is strengthened when the programmes in the emerging areas of societal need are required to be delivered effectively on the one hand, and while training the students for possession of deeper knowledge in the latest practices/ trends and development in the concerned disciplines and when they make the students learn planning activities independently aside making them capable enough to face the challenges of the future, on the other. That the intellectual capability of the faculty has really enhanced is obvious from their research outputs.

The University has also put in its rigorous efforts for ensuring that the core values of any institution of higher learning lies in its contribution towards community and national development, ecology and environmental concerns, value orientation, creation of lucrative employment opportunities, ICT introduction wherever possible, and pursuing the cause of global demands effectively. GGS Indraprastha University has been consciously contributing towards these core values is conspicuous from the following details :

The University has been a pioneer in formulating new courses having societal relevance and human capital needs of the nation. To illustrate :

- Year 2010 having planned to be an **“International Year of Biodiversity”** – the University **took the lead in launching a Master’s Programme in Biodiversity and Conservation in 2008-09 itself.**
- The University strives for excellence and takes up the **exercise of ‘SWOT’ analysis** (Strengths, Weaknesses, Opportunities and Threats) from time to time. A debate on this makes the University’s administration wise and wise over the years.

- An '**Indraprastha University Internal Quality Assurance Cell**' (IIQAC) has been created as a statutory body and is functional.
- Our '**Annual Calendar**' is ready much prior to the commencement of the new academic session. Needless to add that it is planned meticulously by an Academic Calendar Committee and it takes care of all kinds of academic and other co-curricular activities and this Calendar is rigorously followed.
- Formal system of "**Teachers' Evaluation by Students**" aids them in a big way to improve their quality of teaching and research.
- The Deans of different Schools of Studies conduct meetings of their respective 'Faculty' in order to seek feedback about the programmes of studies conducted in their Schools, and the same is also discussed for initiating measures for further improvements ; this 'feedback' is further supplemented prior to finalization of action plan/s from the identical feedback from employers, alumni and at times even from the peer academicians functioning in other educational institutions of higher learning.
- On introduction of wide a range of bridge, enrichment and remedial courses in various University Schools of Studies students shall be helped out in cultivating their diverse talents.
- Our management is supportive to provide excellent infrastructural facilities to teachers and students in order to develop global competencies.
- In view of the expanding global developments, our teachers constantly update their skills to that they can initiate students to new and unexplored areas and help them realize their potential.

- Serving for the cause of social justice, ensuring equity and increasing access to higher education are few ways by which our University is trying to contribute to the National development.
- Our one of the vital aim is to mould our students to become socially aware citizens. It is, therefore, we plan the variegated activities in such a manner so that our students learn in becoming self-reliant, bold, and capable to meet the future challenges. As a matter of fact our total efforts are students-centric and lead to an all round personality development as they grow to be the future citizens of India.
- In organizing seminars and workshops, we encourage the students to develop a global outlook and perceive knowledge in relation to international trends, as also to abreast themselves with the changes likely to take place in the Next Orbit.
- We encourage students to present papers in these conferences/ seminars/ workshops which could be based on their projects carried out by them under the guidance of teachers as part of their curriculums. This develops in them research- orientation.
- Extra-curricular activities are also aimed and organized with a view to develop among students an international perspective.
- Cultural activities further encourages the students in understanding that exposure to the issues of national development is as important as that of their 'Syllabi.'
- The healthy academic atmosphere preserved in the University is a mirror to the value system promoted by the institution over decades. Some of the healthy practices concerning with it include total gender equality, exceptionally clean campus, leading representation of women students in various associations and

activities and a sense of social commitment in the extension and outreach activities.

- Orientation programme for the first year students is an annual feature of each University Schools of Studies ; it is through them that the students are briefed about the various facilities in the University, to provoke them to acclimatize to the dynamic work culture aside the need for discipline and motivating the youngsters to participate in larger number in various activities of the University.
- We arrange various lectures on different topics related to scientific and technical developments, social and ecological awareness, gender equality, woman empowerment and moral values through the platform of 'Indraprastha Colloquium.'
- Our University has effectively taken into cognizance the use of modern tools and technological innovations for teaching-learning-process and governance. In our University and its affiliated colleges, teachers have learnt to use technological aids to improve the quality of their teaching/ presentations. Resultantly, the students actively participate in seminars and paper presentations with the help of technological aids.

1.1.3 How are the institutional goals translated into the academic programmes, research and extension activities of the institution?

At the meetings of all the Statutory Bodies of the University which includes University's Court, Planning Board, Board of Management, Academic Council, Finance Committee and Board of Affiliation, due consideration is given to the University's goals and objectives while formulating new policy and guidelines be it a question of academics, research and extension activities. Decisions taken thereafter are implemented via introduction of new academic

programmes, research projects, co-curricular activities, extension activities, etc. Further, the University Schools at their own level in their 'School's Faculty Council', the 'School's Research Committee' and 'Board of Studies' also deliberate on these issues before actual action plans are finalized and implemented.

1.1.4 How does the University guide its colleges to develop programmes based on their regional needs?

The University has established an array of Schools of Studies in different disciplines and these Schools are expected to play a leadership role in so far as the development and introduction of academic programmes to be conducted in the affiliated institutions is concerned. For facilitating academic coordination, in the case of affiliated colleges, there is a Programme Coordination Committee which is headed by one of the Deans of the University/ Directors/ Principals to be nominated by the Vice-Chancellor ; also, there is the provision of an Academic Programme Committee in each University Schools of Studies. These are as per the Clauses 6 and 7 of the University's Ordinance titled, "Conduct and Evaluation of Examinations for Programmes Leading to All Bachelor's /Master's Degrees and Under-Graduate/ Post -Graduate Diploma following Semester System."

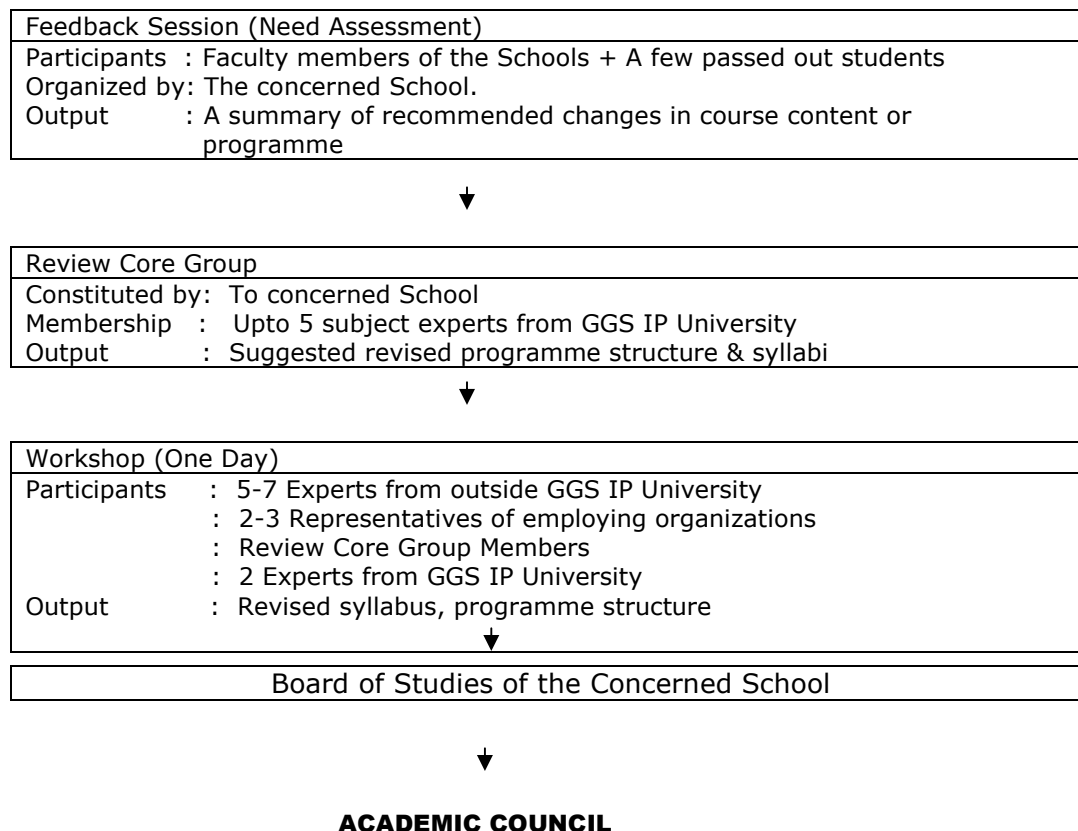
The requirement for developing programmes based on regional needs is taken care either by any of the above referred Committee/s. Further, the University's Court, Planning Board, Academic Council and University Schools may also turn out to be the instrumental in taking care of the regional needs in so far as introduction of a programme to meet such a demand is concerned. As a matter of fact, this University welcomes all the emerging areas wherein it is felt that introduction of

an academic programme might benefit a given section of the society, howsoever small it be.

1.1.5 Specify the steps undertaken by the institution in the curriculum development process. (Need assessment, development of information database from faculty, students, alumni, employees and academic experts, and formalizing the decisions in statutory academic bodies.)

The process of Curriculum Development as practiced by the University may be reiterated hereunder for the benefit of the members of the Peer Team in order to emphasize that before any new academic programme is launched it takes into account the inputs from all categories of stakeholders who may be having their interest in it :

Methodology for Curriculum Development Process :



1.1.6 How do the Boards of Studies ensure the currency and relevance of the programme offerings?

Changes in the curriculum are effected after thorough discussions among the members of Faculty, and later in the meetings of 'Board of Studies' wherein the experts are invited not only from outside Academia but also from National Laboratories/ Administration/ Institutions /Corporate Organizations. Deliberations in the Sub-Committee of Academic Council further takes place in order to be sure about their relevance and thereafter a new Syllabi of the subject / the academic programme is approved by the Academic Council.

1.1.7 How employability is ensured through curriculum design and development?

It has been the continuous endeavor of every University's School to emerge out as an anchor in its respective discipline. Introduction of new academic programmes like M.Tech. in Engineering Physics, M.Tech. in Nano Science & Technology, M.Sc. in Biodiversity and Conservation, B.Tech. in Environmental Engineering, M.Tech. in Digital Wireless Communication, 5-Year Integrated BBA, LL.B. Programme, LL.M. in Cyber Crimes and Cyber Laws, LL.M. in Intellectual & Industrial Property Laws, MBA in Financial Markets, etc. constitute a couple of examples which indicates as to how this University is taking care of global demands and the employability aspect in its curriculum design and development.

Furthermore, Summer Training /Internship/ Industrial Training/Project Report/Dissertation are integral part of the curriculum of all the academic programmes. Adequate built-in-mechanism exists

in syllabi for motivating the students to participate in Seminars, Paper presentations, Group discussions, Quizzes as also for Preparation of Case Studies, Lab Assignments, etc. for the development of their overall personality which in its turn greatly help them in securing jobs of their choices.

1.1.8 State specifically the curricular design and model adopted by the University in the organization of its curricula.

While for the full answer to this question, the reply given to question No.1.1.5 above may be read coupled with this additional answer which specifically pertains to the organization of curricula. All academic programmes in this University are based on semester-wise structure and credit based evaluation system. These contain remedial subjects for slow learners. Series of Electives which could be offered by the students pursuing academic programmes of other schools – a feature which makes these programmes not only interdisciplinary but also choice-based as there exists a system of transfer of credits for one or more semesters pursued in other schools/ institutions.

Furthermore, there is a provision for opting 'Audit' courses too. Quite a good number of academic programmes are modular based. Although there exists 'flexibility' in all the University's programmes in the sense that the minimum and maximum duration of the programmes and the credits required to be earned for the award of degrees have been prescribed but for want of permission from Statutory and Regulatory Bodies of the University, including UGC & ACTE, it has not been possible for us to allow the students to complete the entire academic programme in a period less than the one that has been prescribed as 'minimum' period in the University's Ordinance ;

incidentally, this minimum period is the same which has been laid down by the UGC/ concerned Statutory Body like AICTE, COA, NCTE, Board of Governors (MCI), etc.

1.1.9 How are the global trends in higher education reflected in the curriculum?

A perusal of the different Schemes and Syllabi of different Academic Programmes conducted at University Schools of Studies, and as included in the **Appendix : I** in Part-III of the Re-Accreditation Report :Appendices, would bear out that how this University is taking care of global trends while imparting higher professional education.

1.1.10 How does the institution ensure that the curriculum bears some thrust on national development?

The nomenclatures and contents of all academic programmes conducted in this University clearly depict their thrust on national development.

1.1.11 What is the composition of the Board of Studies? Specify PG and UG representation in the BOS if there is only one BOS for both?

In the University Schools of Studies, there is only one Board of Studies for both the Undergraduate and Postgraduate programmes. The composition of the same is as thus :

- (i) The Dean of the School;
- (ii) All the Professors in the School;
- (iii) Three Associate Professors, and two Assistant Professors, by rotation according to seniority, amongst the Associate Professors and Assistant Professors appointed in the School respectively.
- (iv) Three persons (One Professor, Associate Professors and Assistant Professors) from amongst the recognised teachers of the affiliated colleges/ institutions, to be nominated by Vice-Chancellor, according to seniority, in rotation (applicable in case, affiliated colleges or institutions are covered in the School); and,
- (v) Five members nominated by the Vice-Chancellor for their special knowledge in any subject assigned to the School or in any allied branch of studies.

1.1.12 Does the institution use the UGC/ AICTE guidelines for developing or restructuring the curricula?

The Norms & Guidelines of the University Grants Commission/ All India Council for Technical Education and all other concerned Statutory Body/ Bodies are invariably kept in mind while developing /restructuring the curricula.

1.1.13 What percentage of the courses focus on experiential learning including practical and work experience? For overall development of students, what measures have been taken in the Curriculum design?

Nearly 30 per cent of the subjects in each of the academic programme are experience-cum-learning based, i.e. they are related to laboratory work, field work (internship), projects and dissertation, moot courts, attachment to the professionals, presentations, group discussions, seminars, role playing, case development, etc.

1.1.14 What are the courses aiming to promote value education or social citizenship roles?

The courses titled, 'Corporate Social Responsibility', 'Human Values and Ethics' in MBA ; 'Impact of Science and Technology on Society' in B.Tech. –IT ; 'Organizational Behaviour' in B.Tech.-CSE ; 'Non-Verbal Communication & Inter-Personal Communication' and 'Personality Development' in M.Tech. –IT & CSE ; 'Communication Skills' & 'Principles of Organizational Behaviour' in B.Tech.-CSE ; 'Comprehensive Viva-Voce' in M.Tech-CSE & EC ; 'Personal Ethics and Human Values' in M.Tech. –DWC ; 'Managerial Skills Development' , 'Performance Management' , 'Behaviour Testing and Counselling', 'Team Building in Organizations' in MBA ; 'Commercialization, Marketing and Management of Bio-Technological Products' in B.Tech.-Bio-Tech.; 'Management Function and Organizational Behaviour' in M.Tech.-Bio-Tech. ; 'Psychological and Professional Practice' in B.Arch.; 'Business Enterprise in Nano-Technology & Management' in M.Tech.-Science and Technology ; 'Language Behaviour and

Communication Skills', 'Philosophy of Science & Technology', 'Legal Ethics & Court Crafts', 'Legal Writing and Research', 'Socio-Economic Offences' and 'Sociology' in B.A.,LL.B.(Hons.) ; 'Media Laws & Ethics', 'Integrated Market Communication', 'Media and Communication Research', 'Development Communication' in MJ&MC ; 'Principles & Concepts of Corporate Communication', 'Advertising and Public Relations – Concepts & Principles', 'Corporate Communication Practices and Strategies' in MMC ; 'Development Support and Communication for Biodiversity', 'Media & Communicating Lab', 'Web-Designing Lab for Conservation' in M.Sc.-Biodiversity are some of the basic courses that have been prescribed in this University to promote value education and /or social citizenships roles.

1.1.15 Is there a provision for computer skills to be incorporated in the curriculum for all students?

In **all** curriculums and for all students there is a provision for learning and development of computer skills.

1.1.16 Are women's issues incorporated in the curriculum? If yes, what are the initiatives taken to introduce woman related courses/topics in the curriculum?

Yes, Women's issues have been incorporated in the Syllbi of the relevant academic programmes. To illustrate, the courses on family laws, health care law, women and law, property law, law related to crime, etc. have been incorporated in the B.A.,LL.B.(Hons.) programme. Further, issues related to women have been of utmost concern to this University either as part of full academic programme or topics in the Syllabi of different subjects of study. A full-fledged B.Sc.(Nursing) programme and B.Ed. programme in two of the affiliated institutions are being conducted for women alone.

1.1.17 What programmes are developed for differently-abled students and how the same is implemented?

It is significant to mention that the University is giving indirect support to physically challenged students by conducting programmes such as :

- (i) Bachelor/Master of Physiotherapy (Musculoskeletal/Neurology);
- (ii) Bachelor/Master of Occupational Therapy (Musculoskeletal/Neurology/ Sports/ Cardiopulmonary) ;
- (iii) Bachelor of Rehabilitation Therapy ;
- (iv) Bachelor of Audiology and Speech Language Pathology ; and,
- (v) Master of Prosthetics & Orthotics.

In addition, 03 per cent of seats in each programme are reserved for Physically Handicapped Candidates. Not only this, 5 per cent relaxation of marks in the minimum eligibility requirement is also given to the candidates belonging to this category.

1.1.18 What programmes are developed for distance education?

Although, the University's Directorate of Open & Distance Education has been approved by the Distance Education Council, yet it's functioning is yet to begin with the completion of the First Phase of the University's construction of Main Campus at Dwarka.

1.2 ACADEMIC FLEXIBILITY

1.2.1 What are the range of programme options available to learners in terms of Degrees, Certificates and Diplomas? Give the cutoff percentage for admission at the entry level.

The University has a wide range of professional academic programme options ; this range is depicted in the following Exhibit :

EXHIBIT : PROGRAMME OPTIONS

Undergraduate Programme Options :	Number
(i) Bachelor of Architecture (ii) B.Tech. (Biotechnology) (iii) B.Tech. (Chemical Engineering) (iv) B.Tech. (Information Technology) (v) B.Tech. (Computer Science & Engineering) (vi) B.Tech. (Electronics & Communication Engineering) (vii) B.A., LL.B. (viii) BBA,LL.B.	08
Post Graduate Programme Options :	
a. M.Tech. (Engineering Physics) b. M.Tech. (Nano Science and Technology) c. M.Tech. (Biotechnology) d. M.Tech. (Chemical Engineering) e. M.Tech. (Information Technology) f. M.Tech. (Computer Science and Engineering) g. M.Tech. (Electronics & Communication Engineering) h. M.Tech. (Digital & Wireless Communication) i. M.Tech. (Information Technology) - Weekend j. MCA (Software Engineering) k. M.Ed. l. M.Sc. (Environment Management) m. M.Sc. (Biodiversity & Conservation) n. M.A. (English & Communication Studies) o. LL.M.	23

<p>p. MBA</p> <p>q. MBA – Financial Markets</p> <p>r. MBA – Disaster Management</p> <p>s. B.Tech – MBA (Dual Degree)</p> <p>t. Master of Mass Communication</p> <p>u. Master in Journalism & Mass Communication</p> <p>v. LL.M. (Cyber Crime and Cyber Law) - Weekend;</p> <p>w. LL.M (Intellectual and Industrial Property Laws)- Weekend</p>	
<p>Certificate Courses Programme Options :</p> <p>(i) Basic Course in Behavior Testing – Weekend</p> <p>(ii) Advanced Course in Behavior Testing – Weekend</p>	<p>02</p>

The cut off percentage/minimum qualification required at the entry level to different Under Graduate and Post Graduate programmes varies between 50 and 55 per cent in 10+2 of CBSE in the case of former and 50 and 60 per cent (combination of specified subjects), in the case of latter.

1.2.2 What programmes are offered for employees/ professionals in terms of training for career advancement?

For ensuring vertical & horizontal career progression, the University is conducting series of Weekend Programmes in the different University Schools of Studies for the benefit of both its employees/ working professionals (For details, see, please, Annexe : IV of Part : I of the Re-Accreditation Report). This apart various Schools are conducting training programmes covering specialized areas for the benefit of working professionals.

Again recently a Staff Development Cell has been created in the University which is expected to take care of the on-going training

needs of both the teaching and non-teaching employees. For relevant details of this Cell, see, please, **Appendix : II** in Part-III of Re-Accreditation Report :Appendices.

1.2.3 Give the inventory of programmes offered by the University for the Colleges to choose from.

The existing inventory of academic programmes which are being conducted in the affiliated colleges during the academic session 2011-12 is as given hereunder ; it means that colleges interested in seeking affiliation during 2012-13 can choose any of the existing academic programme provided it meets the laid down infrastructural, academic and other statutory requirements provided, of course, there is no change in the policy guidelines of the Govt. of NCT of Delhi/ Govt. of India/ concerned Statutory Body/ Bodies :

I Under Graduate Programmes :

- (i) B.Tech. (Computer Science & Engineering)
- (ii) B.Tech. (Electronics & Communication Engineering)
- (iii) B.Tech. (Information Technology)
- (iv) B.Tech. (Mechanical & Automation Engineering)
- (v) B.Tech. (Instrumentation & Control Engineering)
- (vi) B.Tech. (Electrical and Electronics Engineering)
- (vii) B.Tech. (Civil Engineering)
- (viii) B.Tech. (Tool Engineering)
- (ix) B.Tech. (Power Engineering)
- (x) Bachelor of Computer Applications
- (xi) Bachelor of Business Administration (Banking & Insurance)
- (xii) Bachelor of Business Administration (Tour & Travel Management)
- (xiii) Bachelor of Business Administration (Computer Aided Management)
- (xiv) Bachelor of Business Administration (Modern Office Management)
- (xv) Bachelor of Hostel Management & Catering Technology
- (xvi) Bachelor of Physiotherapy
- (xvii) Bachelor of Education
- (xviii) Bachelor of Law
- (xix) Bachelor of Journalism & Mass Communication

- (xx) Bachelor of Science (Hons.) Nursing
- (xxi) Bachelor of Pharmacy
- (xxii) Bachelor of Architecture
- (xxiii) Bachelor of Science (Medical Technology) – Radiotherapy
- (xxiv) Bachelor of Audiology and Speech Language Pathology
- (xxv) Bachelor of Science (MLT)
- (xxvi) Bachelor of Pharmacy
- (xxvii) Bachelor of Ayurvedic Medicine and Surgery
- (xxviii) Bachelor of Homeopathic Medicine and Surgery
- (xxix) Bachelor of Dental Surgery
- (xxx) MBBS

II. Post Graduate Programmes :

- (i) MAB
- (ii) MCA
- (iii) MPT (Musculoskeletal)
- (iv) MPT (Neurology)
- (v) MPT (Sports)
- (vi) MPT (Cardio.)
- (vii) MOT (Neurology)
- (viii) MOT (Musculoskeletal)
- (ix) MPO
- (x) M.Tech. (Digital Communication)
- (xi) M.Tech. (Information Security)
- (xii) M.Tech. (Signal Processing)
- (xiii) M.Tech. (RF and Microwave Engineering)
- (xiv) M.Tech. (VLSI) Design
- (xv) MBA (Software Enterprise Management)
- (xvi) Master of Conservation, Preservation and Heritage Management
- (xvii) Master of Archeology and Heritage Management
- (xviii) Master of Human Resource Planning and Development
- (xix) MA/M.Sc.(Criminology)
- (xx) M.Sc. (Forensic Science)
- (xxi) Master of Public Health (Field Epidemiology)

III. Post Graduate Diploma Programmes :

- (i) Postgraduate Diploma in Disaster Preparedness and Rehabilitation

Postgraduate Medical Degree/ Diploma :

- (ii) MD – General Medicine
- (iii) MS – General Surgery
- (iv) MD – Paediatrics
- (v) MD – Radio – diagnosis
- (vi) MS – Oto –rhino-laryngology (ENT)
- (vii) MS –Orthopedics
- (viii) MD – Radiotherapy
- (ix) MD – Physical Medicine & Rehab.
- (x) MD – Dermatology
- (xi) MS – Ophthalmology
- (xii) MD – Obs. & Gyne.
- (xiii) MD – Anesthesiology
- (xiv) MD – Anatomy
- (xv) MD – Biochemistry
- (xvi) MD – Community Medicine
- (xvii) MD – Microbiology
- (xviii) MD – Pathology
- (xix) MD – Pharmacology
- (xx) MD – Physiology
- (xxi) MD – Psychiatry
- (xxii) MD – DVL
- (xxiii) Diploma in Child Health
- (xxiv) Diploma in Ophthalmology

Aside the options that are available, the University encourages both the existing as well as new institutions to opt for any new academic programme which is in tune with national / international trends and has a demand, irrespective of its size, as it can regulate its intake accordingly.

1.2.4 What programmes are available for international students?

Over and above the sanctioned intake, the Ministry of Human Resource and Development permits filling up of 15% seats on supernumerary basis by Foreign Nationals/ PIO/ Foreign Students for taking care of admissions under this category. The eligible candidates can apply for their admissions directly to the Office of the Director-International Affairs. This apart, One Year Master's Programme in Human Resource Planning and Development is also being conducted at the Institute of Applied Manpower and Research ; in this programme, only the working Foreign Nationals are admitted. The University School of Information Technology also had the privilege of completing one MCA programme of 3 years duration wherein 30 student from Lao's PDR were admitted in July, 2007. As a policy, the University encourages the different countries of the world, in general and those, in particular, where higher education facilities are not fully developed to conduct on their behalf any professional programme. University's continuous efforts in this direction are on.

1.2.5 Does the university provide twinning programmes? Give details

As decided by the Academic Council and Board of Management of the University, it remain ready to conduct twin academic programmes by entering into appropriate MoUs with renowned Universities/ Institutes of Higher Learning.

1.2.6 Does the institution offer any self-financing programmes in the institution? If yes, list them.

The University is conducting the following academic programmes on a self-financing basis :

- (i) MBA-Weekend ;
- (ii) MBA-Disaster Management – Weekend ;
- (iii) MBA-Banking and Insurance – Weekend ;
- (iv) MBA-Real Estate – Weekend ;
- (v) MBA – Consultancy Management (Weekend) ;
- (vi) M.Tech. (IT) Weekend ;
- (vii) Master in Journalism and Mass Communication – Weekend ;
- (viii) M.Tech. (Electronics & Communication Engineering) (Weekend);
- (ix) MBA – Consultancy Management – Weekend ;
- (x) LL.M. in Cyber Law and Cyber Crime – Weekend ;
- (xi) LL.M. in Intellectual and Industrial Property Law – Weekend ;
- (xii) Basic Course in Behaviour Testing – Weekend ; and,
- (xiii) Advanced Course in Behaviour Testing-Weekend.

1.2.7 What is the procedure adopted to extend additional programmes of studies to affiliated institutions ?

Additional programmes of studies in the existing affiliated institutions are allowed on meeting the statutory requirements, if any, and after the same is recommended by the Joint Inspection Team after carefully scrutinizing that the institute meets the laid down norms of the University/ concerned Statutory Body/ Bodies, if applicable, as also the Policy Guidelines issued by the Govt. of NCT of Delhi

followed for the specific academic session, of course, after a formal approval by the University's Board of Affiliation.

A Joint Inspection Team is usually comprised of the Chairman (who is invariably either an eminent academician or an administrator), Subject Experts and a Convener ; usually one of the subject expert is from the University and he/ she acts as Convener of the Team.

1.2.8 Does the institution follow Annual System, Semester System, Trimester System and Choice Based Credit System (CBCS)?

In so far as the academic programmes conducted in University Schools of Studies are concerned, all of them, excepting one, are designed on the basis of semester system. However, in case of affiliated institutions a couple of programmes have been designed on an Annual System basis mostly on account of their Statutory requirement / duration of the programme being annual / less than one year.*

Rest of the Under-Graduate and Post-Graduate academic programmes conducted in affiliated institutions have been designed on semester system. Be it an Under-Graduate or Post-Graduate programme conducted by any University Schools of Studies, there is an adequate list of 'electives.' Of these, students of any academic programme belonging to any other School has a choice to select any one or group of electives, complete the prescribed course/ courses and then the equivalent number of credits shall be transferred and added to the programme in which the student has taken the admission.

*B.Ed., MBBS, BHMS, BAMS, B.Sc.(H)-Nursing, BPT/BOT/MPT/MOT, MHRPD, BPO, MPO, BASLP, B.Sc.(MLT), B.Sc.(MLT) (Radiology), BDS, MD/PG Diploma (specialty/ super specialty sub-disciplines of medicine) & B.Arch.

Not only that the students of different programmes are allowed to complete either their one full semester or even two semesters from any other University in India or abroad and the credits earned from other University are added to the academic programme in which the concerned student is studying in this University. A Choice Based Credit System is in place in this University but then the response to it from the students is not encouraging. We may add to this that aside Choice Based Credit System, all programmes are of an inter-disciplinary by nature and quite a sizeable number of them are modular based as well.

1.2.9 Does the institution provide flexibility to pursue the programme with reference to the time frame (flexible time for completion)?

As has already been mentioned, the University does provide flexibility in all academic programmes, including those pertaining to Doctoral Programmes, but then this flexibility relates to the upper end, i.e. we do provide the maximum time frame within which an academic programme could be completed. In respect to the minimum periods, the University's freedom to relax the same has been constrained by the regulations of different regulatory and controlling bodies including the University Grants Commission and AICTE.

1.2.10 Does the institution have any provision for slow and disadvantaged learners? If yes for what courses?

For slow and disadvantaged learners the University has following provisions for all of its Academic Programmes :

- (a) Perceiving the difficult subjects while framing the Scheme and Syllabi of any Academic Programme, and including those subjects/ topics in the First Semester or in case of absolute essentiality in the second semester ;
- (b) Prescribing the maximum period within which they can pass out the programme ;
- (c) Laying down the Minimum Number of credits (which are 5 to 10 less than the prescribed total credits of the programme) for the award of Degree;
- (d) Arranging Extra Classes by the faculty as per their convenience ;
- (e) Re-appearing in both external and internal components of a course throughout the total duration of the programme ; no fee is chargeable wherever the students securing less than 50% marks want to improve the marks secured in internal component too alongside reappearing in the external component ;
- (f) Provision for moderation of results whereby grace marks upto a specified percentage is allowed ;
- (g) There exist, of course in extreme case only, a provision for mercy appeal too for extending the maximum duration of the programme also – an appeal which would be heard by a Committee that may be constituted for the purpose by the Vice-Chancellor.

1.2.11 How does the institution identify slow and advanced learners? How are the advanced learners facilitated to meet the challenges?

Slow and advanced learners are identified by the faculty on the basis of their percentage of marks secured in the qualifying examination, rank secured in the common entrance test/s, performance observed in the class rooms/ labs and during the course of seminars, group discussions, presentations, evaluation of home assignments and answer sheets of internal class tests.

The advanced learners so identified are encouraged to take up '**audit course/s**', choice-based electives of other academic programmes, innovative projects, and by assigning leadership roles on occasions of organizing of seminars/conferences, extension activities. Further, they act as an interface between the University Schools of Studies/ University and the Industrial/ Research/ Other Institutes of Higher Learning/ Employment Agencies.

1.2.12 Does the institution provide flexibility to the students to move from one discipline to another? Give details.

University does provide flexibility to the students to change their discipline. To illustrate, in the case of University's B.Tech-MBA programme, students of B.Tech. are allowed to opt for MBA after completion of B.Tech. in any branch. Likewise in the third semester of B.Tech. programme, change from one branch to another is permitted as per the framed Regulation on the subject of upgradation of students in the Engineering Degree Programmes ; see, please, **Appendix :III** in Part-III of the Re-Accreditation Report : Appendices.

1.2.13 Does the institution provide facilities for credit transfer, if the students migrate from one institution to another institution in or outside the country?

Yes, the University has the provision of credit transfer from one institution to another on migration both within the institutions affiliated to this University, as also in case any student complete a specific semester or even a subject from the University found functioning in another country.

1.2.14 Does the institution provide (a) Core options (b) Elective options (c) Enrichment courses?

In quite a number of Academic programmes of the University, the students have been allowed options both in the case of Core Courses as well as Elective Courses ; see, please, the Schemes & Syllabi of Examinations for different academic programmes enclosed as **Appendix : I** in Part-III of the Re-Accreditation Report : Appendices.

Likewise in several of the University's Academic Programmes, Enrichment Courses (Value Added courses) have been included. For details, kindly peruse the detailed Schemes & Syllabi of Examinations of B.Tech./M.Tech. (Biotechnology), B.Arch./ MBA/ M.Sc. (Engineering Physics)/ M.Tech. (Nano Science & Technology) and several other academic programmes.

1.2.15 Does the institution provide the flexibility of combining the conventional and distance mode of education for students to make use of the combination of courses they are interested in?

Since the University's Directorate of Open and Distance Education is yet to become operational, as of now this flexibility is not available in this University.

1.3 FEEDBACK ON CURRICULUM

1.3.1 How does the University obtain feedback from

- a) students**
- b) alumni**
- c) employer**
- d) community**
- e) academic peers**
- f) industry**
- g) parents**

Feedback is secured by the University from :

- (a) Students :
 - (i) **Overall feedback** : (a) In the Format prescribed by the STQC Directorate, Ministry of IT & Communication, Govt. of India as part of Procedure Manual prepared for ISO 9001 : 2008 [See, please, **Appendix:IV** in Part-III of the Re-Accreditation Report :Appendices]; (b) In the meetings of the University's Students Council.
 - (ii) **About Specific Teachers** : By getting the appropriate format filled for different courses of different programmes. [See, please, **Appendix :V** in Part-III of the Re-Accreditation Report :Appendices]
- (b) Alumni : Alumni Meets Organized by Alumni Associations of different University Schools. The **Central Alumni**

Committee shall further be an added source of warranted feedback. (For the details of this Committee, see, please, Annexe : XV of Part-I of Re-Accreditation Report.

- (c) Employer : Through securing the employer's evaluation.
- (d) Community : At time of admissions, University officials/ college representatives are available for the interactions/ suggestions.
- (e) Academic Peers :
- (i) Academic Peers are included in all the Statutory Bodies of the University such as *Board of Studies of University Schools of Studies, School Research Committees, Selection Committees for Teachers, Board of Management, Academic Council, Board of Affiliation, Planning Board and Court.*
 - (ii) The series of lectures arranged under the sub-platform of **"Indraprastha Colloquium," envisaged vide objective (d) of Indraprastha University Industry Interaction Cell (IUIIC)** further provides an important platform for gathering informations as may be found relevant for the effective functioning of the University from the academic peers ; for details of IUIIC, see, please, Annexe : XI of Part-I of the Re-Accreditation Report.

- (f) Industry : Aside the University's different Forums, the industry is being represented at different Statutory Bodies of the University. University Schools of Studies are frequently inviting Corporate Executives for sharing their experiences with the students, for selecting students for summer vacation internships and final placements. It is during the course of these visits that feedback is consciously obtained about the various academic programmes, the courses included therein and their relevance to industry.
- (g) Parents : During the time of counselling for various programmes, parents have the opportunity to provide inputs for launch of new academic programme/s, increase in intake in the different programme/s, etc.

1.3.2 How are the feedbacks used for significant changes in the curriculum?

The feedback obtained from the students, alumni, employers, industry, parents and community is shared with the peer group by the Deans of the University Schools of Studies and if need be appropriate action/s are initiated through different academic forums of the University.

1.3.3 Which courses had major syllabus revision during the last five years? (with change in title and content)

More than two to three rounds of Syllabi updation/revision/restructuring of certain course(s)/inclusion of new course(s) have already been affected in all the programmes, excepting those which were introduced in the Academic Session of 2010-11 and 2011-12 as the same are new in nature. Both titles and contents of the academic programmes on Master in Journalism and Mass Communication, Master in Mass Communication, MBA in Financial Markets, BBA,LL.B.(Hons.), LL.M. in Cyber Law and Cyber Crime – Weekend, LL.M. in Cyber Law and Cyber Crime, LL.M. in Intellectual and Industrial Property Law - Weekend, Master in Education, Basic Course in Behaviour Testing and Advanced Course in Behaviour Testing are altogether new in terms of nomenclatures and contents as may be seen in the **“Programmes of Studies”** enclosed as **Appendix : I** in Part-III of Re-Accreditation Report : Appendices.

1.3.4 By what mechanism, do the institutions affiliated to the University give feedback and interact?

The University has an elaborated mechanism to seek feedback and interact with the institutions affiliated to it. This mechanism includes the following :

- (i) There is a prescribed format on which each institution has to submit basic information at the time of seeking affiliation from the University ; this basic information pertains to relevant society/ trust, its memorandum of association, certificate of registration, available infrastructure, governing body, and other available academic facilities ;

- (ii) Once the proposal for affiliation is considered fit, the Joint Assessment Committee physically inspects the proposed institution and verify the available facilities for grant of affiliation ;
- (iii) Once an institution is granted provisional affiliation, it can be inspected at any point of time, either by giving prior information or in a surprise manner in order to seek information about its actual functioning. At the time of such visits, the Committee/s that may be constituted for the purpose, can seek all sorts of information both from its management and its faculty, staff, students, etc. ;
- (iv) The University also has an **Academic Audit Cell** which inspects all the affiliated institutions atleast once in an academic session in order to assist them to take proactive actions for improving the quality of higher education being imparted by these affiliated institutions. A summary of the Reports of this Cell is also placed before the Board of Management of the University ; and,
- (v) Further, at the time of granting the continuation of affiliation, the Joint Inspection Team again physically verifies all the related facilities and makes appropriate recommendations for the grant of continuation of provisional affiliation or otherwise.

1.4 CURRICULUM UPDATE

1.4.1 Does the institution refer UGC/National/International models while updating curricula?

For the purpose of updating its curriculum, as prescribed for the different academic programmes, it does refer to the model curriculum prepared by the University Grants Commission (UGC), All India Council for Technical Education (AICTE), Nursing Council of India, etc. including the available global models which could be consulted at the time of restructuring the different curriculums.

1.4.2 What are the interdisciplinary courses introduced during the last five years?

The interdisciplinary courses introduced during the last five years (from 2007-08 to 2011-12) include the following:

- (i) *M.Tech (Digital and Wireless Communication)*
- (ii) *Master of Technology (Nano Science and Technology)*
- (iii) *Master of Science (Biodiversity and Conservation)*
- (iv) *Master of Arts (English and Communication Studies)*
- (v) *Master of Law*
- (vi) *Master of Education*
- (vii) *5-Year Integrated BBA,LL.B (H)) Programme*
- (viii) *Master of Journalism and Mass Communication – Weekend*
- (ix) *MBA ((Financial Markets)*
- (x) *LL.M. in Cyber Law and Cyber Crime – Weekend ;*
- (xi) *LL.M. in Intellectual and Industrial Property Law - Weekend.*
- (xii) *Basic Course in Behaviour Testing - Weekend*
- (xiii) *Advanced Course in Behaviour Testing - Weekend*

1.4.3 How are the existing courses modified to meet the emerging needs?

For the reply of this question, kindly refer to the answer given in respect to question No.1.1.5.

1.4.4 What value added courses are introduced which would

- a) develop skills**
- b) offer career training**
- c) promote community orientation?**

In almost all the academic programmes of the University, the University has attempted to include value added courses for the purpose of developing variegated skills, create opportunities for providing the warranted kind of training that a specific programme may require ; as also such courses which may provide the requisite orientation towards the cause of community. For details of such courses, kindly peruse the Booklet on '*Programmes of Studies*' enclosed as an **Appendix :I** in Part-III of the Re-Accreditation Report :Appendices.

1.4.5 Does the institution focus on multi skill development in its programmes? If yes, illustrate.

One of the objective that is kept in mind while framing the Scheme and Syllabi of any academic programme that is conducted in the University Schools of Studies is to promote the development of multi dimensional skills among the students and it is why a mix of options are provided in case of core as well as elective courses, aside including enrichment courses.

To illustrate, courses on Development Support and Communication, Media and Communication Lab, Web Designing Lab for Conservation find place in the Syllabi designed for Master of Science (Biodiversity and Conservation) programme. Further, the curriculum is enriched in the discipline *via* specific courses on 'Taxonomy and Systematic' and 'Communication and Information Technology Skills' which provides opportunities to develop computer skills and thus reflects the focus on multi skill development in this programme.

1.4.6 What thrust is given to 'Information Communication Technology' in the curriculum for equipping the students for global demands?

As per the global trend, optimum thrust on the use of 'ICT' has been provided in the curriculum of all the academic programmes conducted in all the University Schools of Studies ; may like to see the Booklet on 'Programmes of Studies at GGS Indraprastha University – Academic Session 2011-12' enclosed as **Appendix :I** in Part-III of Re-Accreditation Report :Appendices.

1.4.7 How often is the curriculum pertaining to the affiliated institutions updated and diversified?

The frequency of updating the Schemes & Syllabi of the Academic Programmes pertaining to the affiliated institutions is almost akin to those conducted by the University Schools of Studies ; as a matter of fact, in quite a good number of cases, the Schemes and Syllabi of academic programmes conducted in University Schools of Studies and affiliated colleges are identical. In case of academic programmes which are conducted only in affiliated colleges, the usual practice of Programme Coordination Committees is to keep them updated so that they are able to stand on equal footings in the job market with their peer institutions of the private sector.

Not only this, the attempt of different Programme Coordination Committees is to do as much diversification as possible. To illustrate, the moment University School of Management launched the new programme of MBA – Financial Markets, the affiliated institutions have also launched BBA – Financial Markets programme ; in one of the affiliated institute, even BBA (Office Modern Management) programme is also being run.

1.4.8 What were the initiatives to restructure the UG courses to make them socially relevant and / or job oriented?

The answer to Question 1.4.7, as given above, may be taken as a responsible reply even to this question, namely, what initiatives are taken for restructuring the Under Graduate Programmes to make them socially relevant and/ or job-oriented. To this, it is added that every University Schools of Studies running Under Graduate Programme, mostly in technology & engineering disciplines, are equally alert in restructuring them from time to time and as an when need arises ignoring the conventional practice of '**stipulated time-frame**'.

1.5 BEST PRACTICES IN CURRICULAR ASPECTS

1.5.1 What are the quality sustenance and quality enhancement measures undertaken by the institution during the last five years in curricular aspects with reference to curricular design and development / academic flexibility / feedback from stake holders / curriculum update?

Some of the best practices of this University which have helped us to work hand in glove for quality sustenance and quality enhancement with reference to curricular design and development, academic flexibility, feedback from stakeholders and curriculum update include :

- (a) Adherence to the rigors of the mechanism developed for designing the Scheme and Syllabi for new academic programmes as well while involved in updation of the existing academic programmes ;
- (b) Enhancing the groups of electives in order to meet the requirement of Choice Based Credit System in all the Post Graduate Programmes that are conducted at University Schools of Studies ;
- (c) Enhancing the number of more and more courses in case of electives and enrichment courses in as many academic programmes as possible ;
- (d) Diversification of academic programmes as per national and global demand ;
- (e) Introduction of the facility to change from one discipline to another ; and,
- (f) Providing the facility of transfer of credits earned in another institution to the relevant programme of this University.

CRITERION II :
TEACHING – LEARNING AND EVALUATION

CRITERION II : TEACHING – LEARNING AND EVALUATION

2.1 ADMISSION PROCESS AND STUDENT PROFILE

2.1.1 How does the institution ensure wide publicity and transparency in the admission process?

Aside publishing, and releasing through arranging press conferences, new comprehensive and self contained admission brochures every year, the University ensures adequate publicity about its academic programmes through inserting advertisements regarding the dates of common entrance tests for different academic programmes, atleast twice in an academic session in national dailies having all India circulations. Since the information brochures are released through the media conference automatically it is followed by required information in the form of press notes in different newspapers, at times alongwith photographs. Both the publicity and transparency in the admission process get their due acceleration *via* uploading of the entire admission brochures and counselling updates on the University Website (www.ipu.ac.in).

2.1.2 How are the students selected for admission to the following courses?

- a) General**
- b) Professional**
- c) Vocational**

The University is dedicated to run only the professional programmes in the emerging areas and the admissions to different academic programmes are finalized in most of the cases on the basis of ranks secured in Common Entrance Tests. Of course, in the case of weekend programmes which are conducted primarily for vertical career

progression of the working professionals, the admissions are made on the basis of merit list wherein 80% weightage is given for the marks secured in the qualifying examination and 20% weightage for the personal interview. In case of technology based weekend programmes, the merit list is prepared on the basis of GATE score and/ or on the basis of percentage of marks secured in the qualifying examination and one mark each is added for the professional experience of one year with a maximum of 10.

2.1.3 What strategies are adopted to create access to

- a) Disadvantaged community**
- b) Women**
- c) Differently - abled**
- d) Economically weaker sections of the Society**
- e) Athletes and sports persons**

Excepting providing reservations to the students belong to SC/ST, OBC and differently-abled categories of students that too as per the policy guidelines of the Govt. of NCT of Delhi/ Govt. of India, the University is statutorily bound to treat all the students at par. Under the circumstances, and within the limitation of its autonomy, it has been able to enhance the access of disadvantageously placed group of students and those who are physically challenged through grating relaxation upto 5 per cent in the minimum eligibility conditions. Secondly, we have been able to introduce full or partial fee concessions to the students belonging to weaker sections of the society.

Further, it is maintaining an exclusively devoted institute for encouraging the technical and professional education for women students in the name of Indira Gandhi Institute of Technology (IGIT). It may be added that the University remains quiet enthusiastic to grant affiliation to those institutions which are meant for the professional higher education for women.

The University is further examining the question as to how we can create access also to the select Athletes and Sports persons to its professional academic programmes.

2.1.4 How many applications were received and how many were granted admissions for the following courses?

	Applications No.	Admitted No.
a) Professional courses		
b) General courses		
c) Vocational courses		
d) Post-graduate courses		
e) Undergraduate courses		
f) For all courses		

The details of the number of applications received for different Under Graduate and Post Graduate academic programmes during the academic session 2011-12 are as given hereunder :

Undergraduate Programmes	Number of Applications received	Number of Students Admitted
(i) Bachelor of Architecture	1765	80
(ii) B.Tech. (Biotechnology)	*1521	45
(iii) B.Tech (Chemical Engineering)	62101	45

* Dual Degree Programme

(iv) B.Tech (Information Technology)	62101	60
(v) B.Tech (Computer Science & Engineering)	62101	60
(vi) B.Tech. (Electronics & Communication Engineering)	62101	60
(vii) B.A., LL.B	6416	40
(viii) BBA, LL.B	6416	20
(ix) Certificate Course in Basic Behavior Testing – Weekend	40	30
(x) Advanced Course in Behavior Testing - Weekend	42	30
Post Graduate Programmes		
(i) M.Tech. (Engineering Physics)	120	18
(ii) M.Tech. (Nano Science and Technology)	120	15
(iii) M.Tech. (Biotechnology)	*1521	20
(iv) M.Tech. (Chemical Engineering)	*62101	20
(v) M.Tech. (Information Technology) Regular	1218	25
(vi) M.Tech. (Computer Science and Engineering)	1218	18
(vii) M.Tech. (Electronics & Communication Engineering)	1218	60
(viii) M.Tech. (Digital & Wireless Communication)	1218	18
(ix) M.Tech. (Information Technology) – Weekend	1218	60
(x) MCA (Software Engineering)	5893	60
(xi) M.Ed.	364	35
(xii) M.Sc. (Environment Management)	231	25
(xiii) M.Sc. (Biodiversity & Conservation)	85	15
(xiv) M.A. (English & Communication Studies)	194	30
(xv) LL.M.	142	20
(xvi) MBA	8108	100
(xvii) MBA – Weekend	8108	60
(xvii) MBA – Financial markets	300	60
(xvii) MBA – Real Estate	218	60
(xvii) MBA – Banking & Insurance	403	60
(xviii) B.Tech. - MBA (Dual Degree)	**	60
(xix) Master of Mass Communication	629	40
(xx) Master in Journalism (Mass Communication) – Weekend	55	45
(xxi) LL.M. (Cyber Crime Law) – Weekend	52	40
(xxii) LL.M. (Intellectual and Industrial Property Laws) – Weekend	32	20

* Dual Degree Programme.

** This programme option is available to all the students of B.Tech. (Biotechnology), B.Tech. (Chemical Engineering), B.Tech (Information Technology), B.Tech. (Computer Science & Engineering) and B.Tech (Electronics & Communication Engineering)

2.2 CATERING TO DIVERSE NEEDS

2.2.1 Is there a provision for assessing student's knowledge/ needs and skills before the commencement of the teaching programme?

Excepting in the case of Weekend Programmes, the admissions in all other Under Graduate and Post Graduate Programmes are carried out in this University on the basis of the ranks secured by the students in the relevant Common Entrance Test which furnishes the University with sufficient information about the knowledge, needs and skills base of the admitted students. Further, each student is provided adequate time to introduce himself/ herself about their mission and objectives during the course of orientation programme arranged prior to the commencement of actual teaching. Both of these mechanisms significantly help in assessing the academic background and career objectives of the students who are admitted to a given programme. A summary of the subjects and their weightages included in each of the Entrance Test as conducted by the University for different programmes may be seen in **Appendix : VI** IN Part-III of Re-Accreditation Report :Appendices.

2.2.2 Does the institution provide bridge courses to the educationally-disadvantaged students?

While the University does keep in mind the perceived requirements and the fact that educationally disadvantageous group of students may face difficulties in certain subject/s both in Undergraduate and Postgraduate programmes, bridge courses have yet not been formally designed and developed; however, this requirement is met by introducing a series of subject/s and detailed syllabi either in the first and /or second semester of the various academic programmes.

2.2.3 What programmes are offered to the students from the disadvantaged communities?

All programmes of the University as well as those run in the affiliated institutions are available for the students belonging to disadvantageous groups of communities such as SC, ST, OBC, differently-abled, women, etc. ; as a matter of fact, for the students of SC, ST and OBC categories specific percentage of seats are reserved in all the University Schools of Studies, maintained institute and other affiliated institutions belonging to the Govt. sector. No differentiation is done on the basis of rural or urban areas in so far as their domicile is concerned.

2.2.4 What specific strategies are adopted for facilitating

- a. Advanced students?**
- b. Slow learners?**

May kindly refer to answer given to Question No .7 of Criterion II : Teaching – Learning and Evaluation of Part : I of Re-Accreditation Report.

To the above, we may added that the University remains open to introduce any new idea which may facilitate both the slow learner and advanced students.

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the institution plan and organize the teaching learning evaluation schedule into the total scheme? Does the University have an academic calendar? How is it prepared?

Teaching Learning Evaluation schedule is planned and put to implementation through developing an academic calendar for each academic session ; this academic calendar not only incorporates the requirements laid down in different examination related Ordinances but is finalized after detailed deliberations among Deans and Directors/ Principals of the affiliated institutions. It may be of interest to note in this context that this academic calendar contains systematic slots both for covering teaching-learning process-evaluation requirements, continuous evaluation of the students by the faculty, internal class tests, end-term examinations, sports and co-curricular and extension activities alongside appropriate time frame for internship and projects.

2.3.2 What are the courses which predominantly use the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

In this University, only professional programmes are conducted be it an undergraduate level or that of the postgraduate level. Obviously, therefore, there is no academic programme in which the lecture method alone is used to complete the teaching-learning process of the different subjects prescribed therein. Aside lecture method, all other teaching-learning methodologies are actually employed for completion of the requirements of the different academic programmes, such as class room participation, home assignments,

group discussions, seminars, extempore, quizzes, field study, case study, role playing, business games, projects and internships, etc.

Further, the teaching-learning process of the class room is supplemented by tutorials in which the entire class is sub-divided into smaller groups wherein some other teacher resolves the difficulties of different subjects incorporated in the academic programme.

2.3.3 How is 'learning' made student - centered ? Give a list of the participatory learning activities adopted by the institution, which contribute to self-management of knowledge development and skill formation?

Learning process is made students-centric by assigning (a) topics on which either a student/ group of students can deliver power point presentations themselves after having prepared and discussed the broad synopses with the class teacher/s and seeking clarifications wherever the need be ; (b) the case studies/ business games for discussion in the class room ; (c) the task of identifying vital reference books and relevant articles as may be related to different topics from referred national and international journals ; (d) present the summary of certain research articles in the class rooms ; (e) finalize the exact topics on which projects reports/ dissertations are to be accomplished by each one of them ; and, (f) assume leadership role /s under different kinds of situations.

2.3.4 What are the modern teaching aids used in classroom instruction? What are the other student learning experiences?

Learning experience of the students in the professional programmes is enriched by use of modern teaching-aids in the class rooms, such as :

- (i) Use of Overhead Projector for imparting lectures, practically in all classes ;
- (ii) Use of LCD Projector and other multi-media tools ;
- (iii) Provide web-based resources to help students prepare for class and to set up a context for classroom discussion;
- (iv) Recommend the use of computer-based objective tests from which the students would receive immediate feedback ;
- (v) Students are divided into groups to work on projects and make power-point presentations to share their knowledge ;
- (vi) Arranging Mock Interview Sessions and providing time slots for reviewing the Curriculum Vitae of Students ; and,
- (vii) Organizing Open Book Tests.

2.3.5 Is there a practice of having tutorial classes for the students? If yes, for what courses?

The tutorial classes in all core courses are organized ; in these tutorials a class is divided in convenient number of groups.

2.3.6 Is there a provision for counsellors / mentors/ advisors for each class or group of students for academic and personal guidance? If yes, specify.

The University has a **Centralized Counselling Cell** apart from University's Central Career Guidance and Placement Cell which offers counselling on academic and personal matters to weak students ; kindly peruse Annexe : XII of the Part-I of Re-Accreditation Report for the details of the composition and terms of reference of this Cell. These apart, all faculty members act as Mentors for a group of about 15 students in every University Schools of Studies.

2.3.7 How is the academic process of each student monitored by the faculty?

Most of the programmes offered by the University Schools of Studies are professional/technical in nature. Internship, dissertation, industry projects and seminars are integral part of the Syllabi of almost all academic programmes. Faculty members guide these students and monitor their performance in these components of evaluation. Thus it is through arranging weekly interaction sessions that the performance of the students is monitored by the faculty in their respective University Schools of Studies.

2.3.8 Give details of the course by sessions of work assigned and implemented in the tutorial session?

The course plan for each subject taught in the programmes of studies is well structured (see, please, the course plan given below). Students are given specific assignments session-wise to be taken up during the tutorial session. Students are also encouraged to make presentations covering the contemporary trends in technology, management or law as the case may be.

**MASTER OF BUSINESS ADMINISTRATION (MBA)
*Strategic Management***

Course Code : MS 206

L-3 Credit-03

Objective: To develop an understanding of the Strategic Management process in a dynamic and competitive global environment.

Course Contents**Unit I**

Nature of Strategic Management: Concept of Strategy; Vision Mission, Goals and Objectives; External Environmental Analysis; Analyzing Companies Resource in Competitive Position; Mintzberg's 5Ps of Strategy; Strategic Management Process, Corporate Governance . (10 Hours)

Unit II

Strategy Formulation: External Environmental Analysis; Analyzing Companies Resource in Competitive Position- Concept of Stretch, Leverage and Fit; Strategic Analysis and Choice, Porter's Five Forces Model, Concept of Value Chain, Grand Strategies; Porter's Generic Strategies; Strategies for Competing in Global Markets. (10 Hours)

Unit III

Corporate-Level Strategies: Diversification Strategies: Creating Corporate Value and the Issue of Relatedness, Vertical Integration: Coordinating the Value Chain, The Growth of the Firm: Internal Development, Mergers & Acquisitions, and Strategic Alliances Restructuring Strategies: Reducing the Scope of the Firm. (12 Hours)

Unit IV

Strategy Implementation and Evaluation : Structural Considerations and Organizational Design; Leadership and Corporate Culture; Strategy Evaluation: Importance and Nature of Strategic Evaluation; Strategic and Operational Control, Need for Balanced Scorecard. (10 Hours)

Text Books

1. Thomas L. Wheelen, J. David Hunger (2010). Strategic Management and Business Policy, Pearson/Prentice Hall.
2. Arthur, A, Thomson and Strickland, A. J. (2002). Strategic Management – Concept and Cases. Tata McGraw Hill, New Delhi.

Reference Books

1. Kark Rajneesh (2008). Competing with the Best: Strategic Management of Indian Companies in a Globalizing Arena Penguin Books.
2. Azhar Kazmi (2004). Business Policy and Strategic Management. Tata McGraw Hill, New Delhi.
3. Hitt Michael A., Ireland R.D. and Robert E Hoskisson. Strategic Management: Competitiveness & Globalization, Concepts and Cases, Addison Wesley.
4. Fred David (2008) Strategic Management : Concepts and Cases , 12th Edition Prentice hall of India

Tutorial Assignment :

- (i) Creative and lateral thinking management ;
- (ii) Strategic Audit ;
- (iii) Balanced Score Card ;
- (iv) Innovation Management ;
- (v) Managing Transformations ;
- (vi) Technologically Intelligence Forecasting ;
- (vii) Global Trends in Strategic Management ;
- (viii) Strategic Alliance ;
- (ix) Managing IPRs ;
- (x) Total Quality Management ;
- (xi) E-Business Applications and Strategies ;
- (xii) Market and Demand Analysis ;
- (xiii) Financing of Mergers ;
- (xiv) Corporate Governance ; and,
- (xv) Self-Designing Organizations.

2.3.9 How do the students and faculty keep pace with the recent developments in the subjects?

Students and faculty of the different University Schools of Studies keep themselves updated with the recent developments in the concerned subjects in a number of ways such as by reading the latest editions of text books, reference books, research articles, attending/organizing seminars, conferences, workshops, using internet facility, attending discourse organized as part of Indraprastha Colloquium in the University and those organized at Indian International Centre, New Delhi, India Habitat Centre, New Delhi, prominent places, interacting with eminent academia, administrators and corporates of their filed.

2.3.10 Are there departmental libraries for the use of faculty and students? If yes, give details

Besides the Central Library, known as University Information Resources Centre (UIRC), there are 04 departmental libraries viz. Departmental Library of University School of Law and Legal Studies, Departmental Library of University School of Information Technology, Departmental Library of University School of Mass Communication and the Departmental Library of University School of Architecture and Planning. As we have shifted to the New Campus at Dwarka, more such Departmental Libraries are being planned.

2.3.11 On an average, how many students and faculty use the library per week?

The resources available at UIRC are utilized by more than 72 per cent of the faculty and students per week. In case of Departmental Libraries, this use is significantly higher.

2.3.12 What are the initiatives taken to make optimum utilization of INFLIBNET/DELNET facility by the students and faculty?

Our University Information Library Centre (UIRC) is an active member of DELNET (Developing Libraries Network). And as such it provides (a) access to Union Catalogue of 904 Libraries ; (b) extend inter-library loan facility ; (c) photocopying facility for interested faculty and students in making use of publications available in Libraries other than itself.

In order to optimize the utilization of its resources, the UIRC has a dedicated portion for itself on the University's Website. This apart UIRC has also prepared a Feedback Form with a view to seek suggestions for continual improvement in its functioning/ operations; the use of this format is online.

2.3.13 How does the library collect books and journals for all departments?

Recommendations made by the Sub-Library Committees of different University Schools of Studies, and those received directly from the Research Scholars, are placed before the UIRC's Library Committee, and after completion of the laid down procedure for the procurement of books and journals, it is ensured that the physical availability of recommended books and journals takes place in the shortest possible time. Fortunately, availability of funds has so far never been the constraint.

2.3.14 How does the library manage to cater to the needs of teachers and students with access to books and journals and timings?

The University Information Resource Centre (UIRC) is kept operational between 9.00 AM and 6.00 PM on each day including Saturday and Sunday but excluding the Gazetted Holidays in order to facilitate the needs of teachers and students. However, it has already been decided in the UIRC's Library Committee that it would extend its timings from existing 6.00 PM to 9.00 PM. To this, it may be further added that UIRC is also organizing Orientation Programme from time to time with a view to explain the facilities it is providing to the students and faculty ; any one who falls in the category of 'Users Community' is welcome to attend these programmes.

2.4 TEACHER QUALITY

2.4.1 What is the faculty strength of the University? How many positions are filled against the sanctioned strength? How many of them are from outside the State?

At present, there are 164 faculty members on its regular strength (of course, inclusive of 04 faculty members on contract basis). These apart 176 Visiting/ Guest Faculty Members are undertaking one/ two full courses in the different University Schools of Studies. Thus, the total faculty strength of the University is 340. Of the total, nearly 47 of them reside outside the National Capital Territory of Delhi.

2.4.2 How are the members of the faculty selected? Does the University have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how does the University cope with the requirements?

The process developed for selection of the faculty for different University Schools of Studies is quite rigorous and nearing perfection point, as may be seen in the **Appendix : VII** in Part – III of Re-Accreditation Report : Appendices ; however, it may be of interest to reproduce the following provision of the University's selection process for the University :

One of the distinguishing feature of the University's Selection process is that 'it is one throughout the year basis.' The vacancies are uploaded on the University's Website and as there is no cut off date for submission of applications any person is allowed to submit application at any point of time for any of the vacant position ; of course, the University's Website is updated in respect to the available number of vacancies.

The faculty on University's regular strength is supplemented by appointment of Visiting/ Guest Faculty which is slightly higher than the strength of total regular faculty members. The reason for appointing

Visting/ Guest Faculty are manifold. Though vacancy exists, but suitable and qualified faculty is not available. There are specialized subject/s but is/are prescribed only in one semester – it's so in quite a good number of weekend programmes conducted in the University for working professionals. Then, it has been the policy in almost all the University Schools to provide practical exposure in various subjects to the students via involving corporates/ administrators/ eminent academia.

2.4.3 Does the University appoint substitutes/ additional faculty to teach existing and new programmes? How many such appointments were made during the last year?

Substitute faculty is appointed in case any regular faculty has been granted study leave under UGC's faculty development programme for doing Ph.D. either from any other University in India or abroad. In so far as appointment of additional faculty is concerned, the answer of Question No.2.4.2 above, shall serve the purpose.

2.4.4 What is the student teacher ratio?

The average Student-Teacher Ratio for all the University Schools of Studies has been nearly 14: 1.

2.4.5 What percentage of the teachers have Ph. D. as the highest qualification?

From out of 164 teachers, as many as 111 teachers possesses the Degree of Doctor of Philosophy which constitute nearly 68 per cent of the total strength.

2.4.6 What percentage of the teachers have M. Phil as the highest qualification?

Not applicable.

2.4.7 What percentage of the teachers have completed UGC, NET and SLET exams?

Under the eligibility conditions, as laid down by the UGC, wherever the norms provide for NET/SLET for the recruitment of Assistant Professors, the same has been complied with in toto.

2.4.8 What efforts are made by the management to promote teacher development? (eg: research grants, study leave, deputation to national/ international conferences/ seminars, in-service training, organizing national/ international conferences etc.)

As per the suggestion of the Peer Team of NAAC, Staff Development Cell has been made operational in the University. The Cell has identified training needs of the faculty (see, please, Appendix : II of Part : III of Re-Accreditation Report : Appendices). In addition, the University has been promoting the cause of teacher's development in number of ways. Prominent among these are :

- (a) Deputing the teachers to attend faculty development programmes/staff development programmes organized by different Universities with the help of UGC/AICTE funding.
- (b) Granting Study Leave to the teachers for doing Ph.D./pursuing Research/ other Masters' programmes in other Universities of International repute.
- (c) Funding the participation of the faculty in national and international conferences/seminars.

- (d) Encouraging and funding the University Schools of Studies for organizing national/international conferences/seminars/workshops.
- (e) Liberally allowing the entire faculty of University Schools of Studies to recommend latest reference/text books, journals and other e-resources for procurement in the UIRC/School's Libraries.
- (f) Allowing the University Schools to procure state-of-the-art equipment either to upgrade their existing laboratories and /or for the establishment of new labs.
- (g) Instituting the Doctoral and Post Doctoral Scholarships for promotion of high quality research.

2.4.9 What are the teaching innovations made during the last five years? How are innovations rewarded?

The significant teaching – innovations made in the last five years (2006-11) are mentioned below :

- (a) **Practical work** : Nearly half of the total academic time is devoted to practical / project work aimed at creating industry-like work environments.
- (b) **Case method** : Students are assigned live projects as case studies that are aimed at testing the application of theoretical concepts to industry situations.
- (c) **Feedback** : Both teachers and students evaluate each other with the spirit of developing mutually and for the cause of promotion of excellence.
- (d) **Self- and peer- assessment** : Students are encouraged to assess themselves and get assessed by their peers along industry-and domain-specific parameters in order that they may know their strengths and weaknesses. This is done to motivate them to perform better.

- (e) **Orientation Programme of longer duration at University School of Mass Communication :** At the start of the session itself, students undergo orientation programme of two weeks duration with the aim of having a helicopter's view not only of the media industry and its professionals but also of the regional, national and global environments in which we live.
- (f) **Media Analysis at University School of Mass Communication :** Students are required to do a comparative study of media and media products during interactive sessions that break the monotony of one-way learning by way of TV watching/ newspaper reading, etc.
- (g) **Use of Information Technology :-**
- (i) Provide web-based resources to help students prepare for class and to set up a context for classroom discussion ;
 - (ii) Recommend the use of computer-based objective tests from which the students would receive immediate feedback ; and,
 - (iii) Encouraging the students to form e-groups for sharing academic inputs.
- (h) **Case Study and Simulation Exercise :**
- (i) Use of Case Study Method ; and,
 - (ii) Organizing of Mock Interview Sessions and Review of Curriculum Vitae Exercises for the purpose of explaining the recruitment process.
- (i) **Personality Development Initiatives :**
Students are divided into groups to work on projects and make class presentations to share their knowledge.
- (j) **Evaluation Related Innovations :**
- (i) Open Book tests in different courses like International Marketing, Strategic management, etc.
 - (ii) Continuous internal assessment in all subjects and in all academic programmes.

2.4.10 Does the institution have representation of women among the staff? If yes, what percentage?

In the total regular faculty strength of 164, as many as 91 are women, which constitute about 48 per cent of the total.

2.4.11 List the faculty who have been recognized for excellence in teaching during the last five years (2006-07 to 2010-11) ?

During the period of 5 Academic Sessions, i.e. from 2006-07 to 2010-11, the following teachers have been recognized for their excellence either by way of Best Teacher's Award/ Best Researcher's Award :

1. Faculty Members on whom the **Best Teacher's Award was conferred :**

2006-07	Dr. Sanjay Dhingra
2007-08	Dr. A.K. Mohapatra
2008-09	Prof. C.S. Rai

2. Faculty Members on whom the **Best Researcher's Award was conferred:**
 - (i) **2009-10 :**
 - (a) **Engineering and Technology**
 - Prof. Yogesh Singh, Professor, USET
 - Prof. S.B. Jain, Professor, USET
 - Dr. C. S. Rai, Professor, USET
 - Dr. Arvinder Kaur, Asso. Professor, USIT
 - (b) **Sciences**
 - Dr. Kiranmay Sarma, Asso. Professor, USBAS
 - Dr. Rajesh Kumar, Asstt. Professor, USBAS

(c) Humanities, Legal and Social Sciences

- Prof. Anup Singh Beniwal, Professor, USHSS

(d) Management and Media Studies

- Prof. Anu Singh Lather, Professor, USMS

(ii) 2010-11 :

(b) Engineering and Technology

- Dr. Anjana Gosain, Asso. Professor, USIT

- Dr. Arvinder Kaur, Asso. Professor, USIT

- Sh. Sanjay K. Mallik, Asstt. Professor, USIT

- Dr. Bharti Suri, Asstt. Professor, USIT

(b) Sciences

- Dr. Ram Shankar Gupta, Asstt. Professor, USBAS

- Dr. Yogesh Tyagi, Asstt. Professor, USBAS

(c) Humanities, Legal and Social Sciences

- Prof. Anup Singh Beniwal, Professor, USHSS

(d) Management and Media Studies

- Prof. Anu Singh Lather, Professor, USMS

2.4.12 List the faculty who have undergone staff development programmes during the last five years (refresher courses, orientation programmes and staff training conducted by the university and other institutions)

During the preceding 5 years period (2006-07 and 2010-11), the details of the faculty who have attended the Refresher Courses/ Orientation Programmes/ Training Programmes may kindly be seen in the enclosed **Annexe : V** of Part –I of Re-Accreditation Report..

2.4.13 What percentage of the faculty served as resource persons in Workshops / Seminars / Conferences during the last five years? (average)

On an average, during the last 5 years, nearly the 30 per cent of the University's Faculty has served as resource persons in the Workshops/ Seminars/ Conferences.

2.4.14 What percentage of teaching staff participated in Workshops/ Seminars/ Conferences and presented papers during the last five years? (average)

Almost all the faculty of all the University Schools of Studies have participated in Workshops/ Seminars/ Conferences during the preceding five years period ; however, only 60 per cent of them have presented their papers.

2.4.15 Has the faculty been introduced and trained in the use of

- a) Computers**
- b) Internet**
- c) Information Technology**
- d) Audio Visual Aids**
- e) Computer Aided Packages**

Almost all the faculty has been introduced to and trained in the use of Computers, Internet, Information Technology, Audio Visual Aids and Computer Aided Packages

2.4.16 Does the university have an Academic Staff College? If yes, give the details of programmes it offers.

The University has shifted to new campus at Dwarka and is committed to convert the Staff Development Cell into an Academic Staff College shortly.

2.5 EVALUATION PROCESS AND REFORMS**2.5.1 Does the University evaluate teachers on teaching and research performance? How does the evaluation help in the improvement of Teaching and Research?**

The Faculty Appraisal and Development System (FADS) of academic accountability coupled with the flexibility it offers to the faculty in terms of choosing their area of expertise will go a long way in promoting academic excellence. The University has already been a pioneer in formulating new courses having societal relevance and

national human capital needs in mind. Teachers are evaluated based on their classroom performance, research work, their contribution to corporate life of the University and other accomplishments. The feedback on the performance is confidentially communicated to the concerned teachers in the form of their strengths and weaknesses. And, they are counselled for steadily converting their weaknesses into the series of opportunities which could enable them for their further development and enhancing their contributions in the field of teaching and research.

2.5.2 Has the institution introduced evaluation of the teachers by the students? If yes, how is the feedback analyzed and implemented for the improvement of Teaching and Learning?

Evaluation of teachers by the students is being practiced in this University right from commencement of its First Academic Session. This has been used as a mechanism for improving teaching - learning process. As may be seen in Appendix : V of Part-III of the Re-Accreditation Report : Appendices, the teachers are evaluated by students as per the Format titled, "Course Evaluation Proforma" [Part-II] of Faculty Appraisal and Development System [FADS] on the broad parameters enumerated hereunder :

- 1 The objectives of this course were made clear to me by this teacher ;
- 2 The teacher speaks and explains things clearly ;
- 3 The teacher adheres to schedules and enforces discipline ;
- 4 This teacher is stimulating and interesting to listen to ;
- 5 The lectures were well structured and focused on the topics ;
- 6 The teacher has enthusiasm and concern for students ;
- 7 The teacher has fair knowledge of the subject matter ;
- 8 The teacher's method of teaching was effective ;
- 9 Time spent on lecturing by the teacher for course coverage is adequate ; and,
- 10 This teacher encourages students to raise pertinent questions and answers them.

As may be seen in **Appendix : V of the Part-III of the Re-Accreditation Report : Appendices**, 25% weightage has been assigned to the Students Feedback.

The feedback received from the teachers is analyzed by the respective Deans of University Schools of Studies for analyzing the response received from a group/ different groups of students concerning with different teachers, and thereafter, it is communicated to the concerned teachers in writing in the prescribed format in the shape of 'average score' for each criteria of evaluation. Deans also counsels the teachers for taking measures to improve their performance.

2.5.3 Does the institution promote self-appraisal of teachers? If yes, how often?

Image of any academic institution is determined by the quality of its faculty, their research and academic achievements. Guru Gobind Singh Indraprastha University has created the 'Faculty and Appraisal Development System' (FADS) for the faculty members wherein 60% weightage has been given for Self Appraisal.

2.5.4 Is the appraisal by the teachers reviewed by the head of the institution and used to improve the quality of teaching?

Self Appraisal by the Teachers is reviewed by the concerned Deans of the Schools and used for counselling the teachers for an added improvement of the quality of teaching.

2.5.5 Does the institution have an academic audit of the department? If yes, illustrate.

A formal system of '**academic audit**' of various University Schools of Studies now stands institutionalized through the process of Internal Quality Audit of the University Schools of Studies as part of ISO Certification process.

The University has been certified as ISO 9001 : 2000 University by Standardization Testing and Quality Certification Directorate, Ministry of Communications and Information Technology, Govt. of India for a period of three years in February, 2008; as per STQC Directorate, it is an **Internationally recognized Certification**.

During the course of Surveillance Audit conducted in August, 2009 by the Standardization Testing & Quality Certification Directorate, Ministry of Communication and IT, Department of Information Technology, Govt. of India, the ISO Certification granted to this University was upgraded from ISO 9001: 2000 to ISO 9001 : 2008 ; this we could accomplish after having met the requirements of the New Version of ISO.

The University, on completion of three years period on February 6, 2011, has been **Re-Certified by Standardization Testing and Quality Certification Directorate, Ministry of Communications and Information Technology, Govt. of India for another period of three years to be counted from February 07, 2011.**

2.5.6 Based on the recommendations of academic audit what specific measures have been taken by the institution to improve the teaching, learning and evaluation?

A 'Quality Manual' and 'Procedure Manual' have been prepared for the University. These documents are updated from time to time. The **Quality Policy** of the University has been defined and displayed at prominent places in the University ; this is as reproduced below :

"Guru Gobind Singh Indraprastha University is committed to providing professional education with thrust on creativity, innovation, continuous change and motivating environment for knowledge creation and dissemination through its effective Quality Management System."

2.5.8 How does the institution monitor the performance of the students? (Annual/Semester exam, Trimester Exam, Midterm Exam, Continuous assessment, Final exam, etc.,)

The performance of the students in University Schools of Studies is monitored by : (a) Designing different Schemes of Examinations & Syllabi for each academic programme ; and (b) Separate Ordinances Governing the conduct of Examinations including continuous assessment. Based on Semester System, Trimester System and Weekend Programmes following Semester System ; of course, these ordinances are updated from time to time.

2.5.9 Are the evaluation methods communicated to the students at the beginning of the year? If yes, how?

It's during the course of orientation programme that, evaluation methods as contained in different Ordinances, are precisely explained to each student. Further, these are uploaded on the University's Website alongside their updation. Further, hard copies of University Calendar is made available to each one of the affiliated institute. And, the Directors/ Principals are expected to educate the students about the relevant provisions of the concerned Ordinance/s.

2.5.10 What is the method of evaluation followed? (Central, Door, Double evaluation, etc.,)

The Central evaluation method is followed in this University.

2.5.11 What is the mechanism for Redressal of grievances regarding evaluation?

The redressal of grievances regarding evaluation is governed by the Sub-Clause (a) (ii) of Clause 11 of the University's Ordinance : Governing the Conduct and Evaluation of Examinations for Programmes leading to all Bachelor's / Master's Degrees and Under-Graduate / Post-Graduate Diplomas following Semester System which read as thus :

"A student may apply, within two-weeks from the date of the declaration of the result, for re-checking of the examination script(s) of a specific course(s) on the payment of prescribed fees. Re-checking shall mean verifying whether all the questions and their parts have been duly marked as per the question paper, and the totaling of marks. In the even of a discrepancy being found, the same shall be rectified through appropriate changes in both the result as well as marks-sheet of the concerned semester-end-examination."

2.5.12 When are the examination results declared? Give the time frame

Results of all examinations are declared in a maximum period of 45 days ; this period is counted from the last date of the End-Term Examinations of the Academic Programme under reference.

2.5.13 Does the institution communicate to the parents regarding the evaluation outcome?

The full result of all the academic programmes is uploaded on the University's Website, which includes the mark-sheets of all the examinees. The concerned student and their parents can check as well as download, the relevant result.

2.5.14 How long has the current system of evaluation been in practice?

The current system of evaluation is being practiced since the inception of this University.

2.5.15 Has the institution developed any evaluation reforms?

With a view to have an ideal system of evaluation, which is not only user friendly and transparent but also as per the international standards, the University has reformed it from time to time. The Summary of reforms undertaken may be seen in details in the enclosed **Appendix : VIII** of Part-III of Re-Accreditation Report : Appendices.

2.5.16 What are the reforms made with reference to evaluation? (Double evaluation, Open book examination, Question Bank, Moderation, Internal assessment).

All the above mentioned reforms are in vogue in the University.

- (i) **System of Double Evaluation** : If it is observed that in any course the number of failures are more than 75 per cent then the entire lot of the answer books is got evaluated from the second examiner.
- (ii) **Open Book Examination** : Wherever it is desirable, for example in the University School of Management Studies, Open Book Examination has been introduced.
- (iii) **Question Bank** : Students can access UIRC to go through the old end-term examination question papers on all the subjects included in different Academic Programmes.

- (iv) **Moderation** : The practice of moderation of question papers as well as of results has been introduced.
- (v) **Internal Assessment** :
 - a)** Provision for internal assessment has been introduced even in Under-Graduate courses/Post Graduate courses being conducted at Affiliated Colleges ; and,
 - b)** In different Schemes of Examinations and Syllabi Non- University Examinations Papers have been included wherein the entire evaluation is done by teacher concerned.

2.5.17 Is evaluation procedures transparent, If yes, how? Illustrate the different stages of evaluation till the declaration of results?

The evaluation process of the University, as may be precisely observed in the enclosed **Appendix : IX** in Part-III of the Re-Accreditation Report : Appendices, is quite transparent.

2.5.18 Does the University have continuous assessment, If yes, please specify the weightage?

The University has the system of continuous assessment and its weightage for the evaluation may be seen in the Table given below in the case of all programmes based on semester system as well as trisemester system :

A. SEMESTER SYSTEM :

		Bachelor's degree/ Under-graduate diploma	Master's degree/ Post-graduate diploma
A.	THEORY COURSES		
(i)	Semester-end examination	75%	60%
(ii)	Continuous evaluation by the teachers	25%	40%
B.	PRACTICAL/LABORATORY COURSES		
(i)	Semester-end examination	60%	60%
(ii)	Continuous evaluation by the teachers	40%	40%
C.	DISSERTATION/THESIS		
(i)	Assessment by External Examiner	-	60%
(ii)	Assessment by Internal Examiner	-	40%

Further, the details of the teachers continuous evaluation are as under :

COURSE COMPONENTS	APPORTIONED MARKS	
	Bachelor's degree/ Under-graduate diploma	Master's degree/ Post-graduate diploma
(i) Theory Courses: The teacher's continuous evaluation shall be based on the following:		
<ul style="list-style-type: none"> Two Class Tests* 	10 Marks for each Test	15 Marks for each Test
<ul style="list-style-type: none"> Assignment/Group Discussion/Viva-Voce/Additional Test/Quizzes, etc. 	05 Marks	10 Marks
<p><i>*The two class tests shall ordinarily be held after 6 weeks and 12 weeks of teaching in accordance with the University Academic Calendar.</i></p>		
(ii) Practical/Laboratory Courses: The teachers continuous evaluation shall be based on performance in the laboratory, regularity, practical exercises/assignments, quizzes, etc. The assessment shall be given at three nearly equi-spaced intervals.	15, 15 and 10 Marks	15, 15 and 10 Marks

B. TRISEMESTER SYSTEM :

I. The distribution of weightage for various components of evaluation shall be as below:

A. THEORY COURSES

(i) End-term examination	60%
(ii) Continuous evaluation by the teachers	40%

B. PRACTICAL/LABORATORY COURSES

(i) Semester-end examination	60%
(ii) Continuous evaluation by the teachers	40%

C. DISSERTATION/PROJECT REPORT

(i) Assessment by External Examiner	50%
(ii) Assessment by Internal Examiner	50%

II. Teacher's Continuous Evaluation:**COURSE COMPONENTS****APPORTIONED MARKS**

Theory Courses: The teacher's continuous evaluation shall be based on the following:

· One Class Tests*	20 marks
· Assignment / Group Discussion / Viva-Voce / Quizzes / Regularity etc.	20 marks

**The class test shall be held in accordance with the University Academic Calendar for the programme.*

III. Practical / Laboratory Courses: 40 marks

The teachers continuous evaluation shall be based on performance in the laboratory, regularity, practical exercises / assignments, quizzes, etc. The assessment shall be given at three nearly equi-spaced intervals.

The internal teacher shall set question paper and submit to the Controller of Examinations at least eight weeks before the

commencement of End-Term Examinations. The external examiner shall be appointed by the Vice-Chancellor from the panel of examiners recommended by Board of Studies of the concerned programme. The paper shall be sent to external examiner for setting the final question paper.

IV Dissertation / Project

For dissertation / project for Master's degree programmes, wherever specified in the syllabus, the evaluation shall be done and marks awarded by a Committee comprising of an internal examiner, who will ordinarily be the supervisor, and one or more external examiners. The internal examiner shall award marks out of 50%, and the external examiner(s) out of 50%. The examiners shall be appointed by the Vice-Chancellor out of a panel of three or more names suggested as specified in clause 9(d)(iii) of this Ordinance.

2.5.19 What is the scheme / system of examination in practice for the affiliated institutions?

The system of examinations for different academic programmes for the affiliated institutions is identical to the one followed for the University Schools of Studies, excepting that certain Schemes of Examinations related to certain academic programmes are based on Annual Examinations.

2.5.20 Give details of the number of question papers set, examinations conducted per year.

For the academic session 2011-12, the University conducted 38 Common Entrance Tests ; these apart, the Examination Branch get on an average 1500 question papers set for the

different examinations. It may be pertinent to mention here that in case of annual examination based academic programmes, the examinations are conducted only once plus a supplementary examination ; while in the case of semester system, the examinations are conducted twice and thrice in case of tri-semester based programmes.

2.5.21 Mention the number of malpractice cases reported and how they are dealt with.

The details of the unfair means, as reported to the examination branch are as given hereunder :

December, 2007	074
May/June, 2008	128
December, 2008	120
May/ June, 2009	126
December, 2009	118
May/ June, 2010	323
December, 2010	116
May / June, 2011	128

2.5.22 Does the university provide the photocopy of answer scripts to students? If yes, give details of the practice.

The University has both a 'Regulation', which allows the students to inspect their End-Term Answer Scripts and the 'Procedure' to be followed for the purpose by the students. The details of this Regulation may be seen in **Appendix : X** in Part-III of the Re-Accreditation Report : Appendices.

2.5.23 Give details regarding the computerization of the examination system?

The details regarding the computerization of the examination system are summarized as under :

First of all, the first year students' data is collect from the Academic Branch of the University. As per data, the data base is formed in the Examination Division. Then, conduction process for End Term Semester Examination starts, the Examination Forms are distributed and received from the students as per the data provided by the Academic Branch for appearing the examinations. As per examination form received, the registration chart is prepared and as per registration chart, the admit card is prepared by the EDP section. Thereafter, the paper setting work starts. The several papers are set according to their scheme of examinations. The Secrecy Branch of Examination Division sends letter to Dean/Director/Principal of University Schools of Studies / Affiliated Institutes for list of paper setters, when the list of paper setters is received, the choice of paper setter process starts. When the Registration Chart is prepared and Scheme of Examination is selected, the process of making of date sheets; examination centres and evaluation centres is started. It is also kept in mind that centres are notified in last moment and must be rotated so that someone may not try to influence the centres. After the completion of examination in the examination centre, the copy sends to the evaluation centres, the evaluation centre knows the status of copy and one important thing which is also involved in

evaluation centre is "Coding" of answer sheet. At the evaluation centre, the P-IV / P-III of answer sheet are separated from the answer sheet and Award List which is prepared by the concerned teacher is sent to the respective Result Branch. The Result Branch sends the P-IV / P-III to EDP Section for preparation of result. When the result is prepared by the EDP section, it is sent to result section for verification, the result section acts as an auditor of result prepared. After verification the final result is put up to the Controller of Examinations for declaration. After declaration of result, the rechecking process / inspection of answer scripts starts within 15 days of result declared.

2.6 BEST PRACTICE IN TEACHING-LEARNING AND EVALUATION

2.6.1 What innovations / best practices are followed by the college with regards to teaching, learning and evaluation? With reference to admission process, student profile / catering to diverse needs / teaching-learning process / teacher quality / evaluation process and reforms or any other quality initiatives.

Merit based admissions through transparent counselling that too only of the students who have requisite knowledge and skills base verified by conduct of all India Common Entrance Tests in chunk portions of the academic programmes both in the case of University Schools of Studies and affiliated colleges ; an appropriate mechanism for facilitating the optimum use of potential both of slow and advanced learners ; rigorous method of selection of faculty and thereafter providing opportunities for development upto their ultimate potential ; supplementing the teaching-learning-process based on internationally

followed teaching-aids by real live exposures ; evaluating the students on an ongoing bases both by internal and externals aside the facility to inspect the answer sheet/s of end-term examinations ; and, counselling and assisting the students for the accomplishment of their cherished personal and career goals and thereafter extending a helping hand in their vertical career progression by designing and conducting weekend programmes can safely be mentioned as the University's innovative/ best practices in so far as admissions, student profile, teaching-learning and evaluation processes are concerned.

RE-ACCREDITATION RELATED FRAMEWORK :

1. What were the evaluative observations made under Teaching-Learning and Evaluation in the previous assessment report and how have they been acted upon?

The University's effort to attract only the right kind of students, strict adherence to academic calendar, reservation of seats as per the State Policy, the requirement of inclusion of bridge and remedial courses in the initial years of the programmes for the benefit of slow learners, students mentoring system, enrichment of UIRC and plans to have distinct libraries at the schools level possessing latest editions of books, journals and e-resources and meeting the specific requirement of research scholars, employing of modern teaching aids while imparting instructions in the class rooms, etc. continues. The quality of the teachers has been enhanced through selection of more number of Ph.D. Degree holders and by involving the rest of the regular teachers into the doctoral research. The efforts put in by the University for the teachers development have nearly been doubled by non refusal for the requisite funding assistance to any teacher to participate in the international conferences/ seminars / workshop, granting study or special leaves for

attending orientation / refresher programmes and by celebrating the '**Teachers Day**' every year on 05th September and now rewarding not one but about seven to ten teachers in the form of '**Best Researcher's Award**' and through introduction of comprehensive **Faculty Appraisal and Development System** (FADS) [See, please, **Appendix : V** of Part-III of Re-Accreditation Report : Appendices] would certainly ensure the following objectives :

1. The work done by faculty is in tune with the University's national and international requirements.
2. The teachers continuously benchmark against the best in the world and set high standards of teaching and research.
3. University reward high performers and motivates under performers.

This system is sure to focus on the qualitative improvement in the faculty of this institution, by undertaking variegated activities such as:

- a) To teach in the Academic Programmes including MDP / FDP / Training Programmes of similar type.
- b) To teach and guide students in the Undergraduate, Postgraduate and Doctoral Programmes.
- c) To carry out research, publish papers in scholarly journals and to bring different research grants from national and international agencies.
- d) To organize national / international workshops / seminars / conferences / conventions / conclaves / summit.
- e) To undertake consultancy assignments.
- f) To undertake institution building activities.

We may not like to hide the fact here that the University has taken a conscious decision to obtain the students feedback only with the help of the Format included in the FADS, aside another one included as part of Procedure Manual for ISO 9001 : 2008 keeping in view the highly specialized nature of our professional programmes in different disciplines. We would further like to add here that the University has also taken a conscious decision not to go for reevaluation of answer scripts in the light of the overriding fact that in the northern part of the country, the practice of allowing students to go for re-evaluation leads to multi-facet malpractices and corruption which this University feels is ethically not advisable ; however, we have already enacted a regulation whereby the students are enabled to inspect their answer scripts of end-term examinations. The series of Examination Reforms introduced by this University shall surely put a halt on number of nefarious activities which usually takes place in entrance tests.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Teaching-Learning and Evaluation?

The University has been putting conscious and continued efforts for quality enhancement of teachers and all around development of students. We work hard to identify our strengths and weaknesses in teaching-learning and evaluation process by introducing appropriate and feasible reforms. Our institution is emerging as an institution with distinction not only at national level, but on the global map too.

A formal system of academic audit of various University Schools of Studies has been institutionalized through the process of Internal Quality Audit of the University Schools of Studies as part of ISO Certification process. The University has been certified as ISO 9001 : 2000 University by Standardization Testing and Quality Certification Directorate, Ministry of Communications and Information Technology, Govt. of India for a period of three years in February 07, 2008; as per STQC Directorate, it being an internationally recognized certification. During the course of Surveillance Audit conducted in August, 2009 by the Standardization Testing & Quality Certification Directorate, Ministry of Communication and IT, Department of Information Technology, Govt. of India, the ISO Certification granted to this University has been upgraded from ISO 9001: 2000 to ISO 9001 : 2008 ; this we could accomplish after having met the requirements of the New Version of ISO. Further, an Indraprastha University Internal Quality Assurance Cell (IIQAC) has been formed and is operative w.e.f. 01.01.2011. The University, on completion of three years period on February 6, 2011, has been Re-Certified by Standardization Testing and Quality Certification Directorate, Ministry of Communications and Information Technology, Govt. of India for another period of three years in March, 2011 effective from February 7, 2011.

University Management is supportive in providing infrastructural facilities to teachers and students in order to develop global competencies. In view of the faster global developments, our teachers constantly update their skills so that they can initiate students to new and unexplored areas and help them realize their potential. For instance, scholars pursuing M.Tech. (Nano Science and Technology) and a few of the research scholars visited Institute of Physics in

Taiwan to work on a collaborative research project along with their faculty.

University Newsletter has been brought out with the objective of keeping the society informed about the various administrative and academic reforms, new courses introduced, student welfare programmes, impetus given to the research activities and the development of infrastructural facilities. Besides all these, the Print and Electronic Media is effectively utilized for dissemination of information among the public about the prospects and potentialities of the University and the measures initiated from time to time by the University. Similarly, the Annual Reports regularly brought out every year, contain the detailed information on various dimensions of University, facts and figures, activities and accomplishments of the individual faculty of different disciplines, the students profile and progression, as well as information in respect to various affiliated colleges of the University. University has been actively seeking collaboration with industries, and academic as well as research organizations all over the world with a view to meet the challenges of globalization on the one hand, and demands of the society, on the other.

All the students at the beginning of academic year are supplied with academic calendar that contains the entire academic schedule including the holidays, internal assessment tests and end term examinations. The University Website is uploaded with all kinds of informations about the functioning of this University including the financial support that is available for the poor and socially disadvantageous group of students.

Student feedback on the performance of teachers is collected in all the Schools of University. Based on the feedback the Deans of the Schools conduct one to one counseling sessions for the faculty for improving the quality in teaching. Vice-Chancellor of the University, at the time of one-to-one interaction with the faculty also hints the faculty about the students' feedback in his peculiar style and advises them in humorous ways. And, quite recently he has, in his special message for New Year 2012, very rightly observed as thus :

"In today's high technology driven era, we have to accept the notion that our University can no longer function in isolation from the world, and hence, we need to focus on new innovations in the product line, business warriors, analytics based decision making connectivity platforms for a turn around, sustainable development, public financing for social sectors, sponsor social security, etc. in our teaching-learning processes."

Orientation programmes for first year students are annual operational feature, wherein the students are briefed about the various facilities in the University to acclimatize them to the work culture and discipline and to motivate the youngsters to participate in largest possible number in various activities of the University. We arrange various lectures on different topics related to scientific and technical developments, social and ecological awareness, gender equality, woman empowerment and moral values through the sub-platform of 'Indraprastha Colloquium' of the IUII Cell. Industry professionals, scientists of reputed laboratories and faculty from peer institutions are invited to various Schools for delivering their 'Wisdom Talks' which enables the students to have deeper knowledge in the latest practices, trends and developments of the concerned disciplines.

--XX-

--X--

CRITERION III :
RESEARCH, CONSULTANCY & EXTENSION

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

3.1.1 Is there a research committee to facilitate and monitor research ? If yes, give details.

All the University Schools of Studies have their Research Committees, which are known as School Research Committees (SRCs). In every School, it is comprised of the Dean of the concerned School as Chairman, three Professors of concerned School by rotation in order of seniority (for one year), one Associate Professor and one Assistant Professor by rotation in order of seniority (for one year) and the proposed supervisor(s) ; or the approved supervisor(s). It alongside Board of Studies of the concerned School acts as a prime body responsible for screening, evaluating and approving all the proposals concerning with pursuing research for Ph.D., but its role would start only after the candidate/s has/ have qualified the Common Entrance Test organized by the University for the prospective Research Scholars. The entire process of admission and registration for pursuing research for the award of the Degree of 'Doctor of Philosophy' and as also that of monitoring are elaborated in the enclosed **Appendix : XI** in Part-III of Re-Accreditation Report : Appendices ; it may suffice here to mention that this University is meant for promoting qualitative Doctoral Researches in abundance in all professional disciplines for which it has been established. To this, it is further added that the procedure followed for promoting Doctoral Research meets the requirements laid down for the purpose in the UGC's Regulations on Minimum Standards and Procedure for the award of Ph.D. Degree, 2009.

3.1.2 Is research a significant activity of the University, If yes, How does the institution promote faculty participation in research?

It need not be reiterated that 'Research' in this University, is an eloquent activity. And, the University has taken series of steps in the preceding five year period (2006-11) to further encourage and strengthen the participation of faculty in research ; the measures which would have wider positive implications in this direction may be enumerated here :

- (a) introducing the FADS which directly encourages the faculty to participate in a big way in internationally renowned research ;
- (b) with a view to implement 'One Faculty One Funded Research Project Norm,' the University has set aside funds for the benefit of new faculty joining the University at Assistant Professor level to grant financial assistance from its own resources, aside the funding that may be made available by outside research sponsoring organizations like UGC, AICTE, DST, DBT, etc. ;
- (c) the Guidelines for Sponsored Research Projects, wherein adequate autonomy has been provided to the Principal Investigator, has been converted into an Ordinance (For full details of the formulated Ordinance, see, please, **Appendix-XII** of the Part-III of the **Re-Accreditation Report : Appendices**) with a view to take care of the problems that may arise due to audit, etc at the time of submission of final

Utilization Certificate ; the necessary formalities are in the process of their fulfillment before this Ordinance becomes effective ;

- (d) the practice of Best Teachers' Award, has been substituted by Best Researcher's Awards whereby this Award does not remain restricted to only one Teacher; and,
- (e) the earlier measures, namely, establishment of new labs, updation of existing labs either by replacing the old equipment or upgrading the existing ones, purchase of modeling and simulation softwares, strengthening of existing infrastructure related to supply of water, power, etc, in lab and further strengthening of linkages with the institutions of national repute continues to be practiced with more rigour and liberal financial support.

3.1.3 What provision is made in the budget for research and development?

In the last five financial years, the total percentage of budget allocated for promotion of research in the University has increased from 15% in 2006-07 to 18% in 2010-11. Further, we propose to raise it to 20% during the financial year 2011-12 and further to 23% in the financial year 2012-13. This expenditure is inclusive of research books and journals subscribed in the UIRC, establishment of various labs in the different University Schools of Studies, both exclusive and partially used for research, their updation in terms of equipment/ upgradation,

of course, inclusive of their repair and maintenance expenses. Though meager, it also covers the funding of research projects to the newly recruited faculty from the internal funds of the University. The funds received from outside agencies are over and above the budgetary provisions of the University.

3.1.4 Does the University promote participation of the students in research in the academic programme?

Currently 107 research scholars are registered under Ph.D. programme. Provisionally registered Ph.D. students are required to undertake 3 courses of 3 credits each in two semesters. Upon successful completion of the course work, the students shall be formally registered. Students of all the post-graduate programmes have to submit a project report/dissertation as part of the curriculum of the concerned programme. At the undergraduate level also, students are exposed to advanced research facilities and are made to interact with Ph.D students for their lab work and preparation of project reports. M.Tech students in University School of Basic and Applied Sciences are given international exposure through exchange programmes with the Institute of Physics, Academia Sinica, in Taipei and Institute of Nuclear Technology, in Russia.

3.1.5 What are the major research facilities developed and are available to faculty and students on the campus?

The developed facilities/ schemes include : (a) Laboratories equipped with state-of-the-art equipment ; (b) Green Houses ; (c) Latest Editions of Books, Journals,, E-resources in the UIRC ; (d) Scheme of Doctoral and Post-Doctoral Fellowships ; (e) Scheme of funding Minor Research Projects of newly recruited faculty ; (f) Study

Leave for doing Ph.D. ; (g) Sabbatical Leave for Post Doctoral Research ; (h) Ordinance Governing the Sponsored Research Projects ; (i) granting of publication grants for publishing research papers in referred journals ; and, (j) subsidizing the publication of Doctoral Thesis.

3.1.6 Does the university subscribe research journals for reference as per the different departmental requirements?

The Sub-Library Committees of every University Schools of Studies takes care for the requirements of their faculty and Research Scholars both in respect of Books as well as Research Journals. And, UIRC upload the School-wise availability of Research Journals on the University's Website (www.ipu.ac.in).

3.1.7 How does the university extend recognition to national institutions that provide research training leading to research degrees?

National institutions engaged in research and training are allowed to be recognized as "Approved Research Centres" for pursuing research leading to the award of the Degree of Doctor of Philosophy ; the procedure for the same is detailed out in the Regulation enclosed here as **Appendix : XIII in Part-III of Re-Accreditation Report:Appendices.**

3.2 RESEARCH AND PUBLICATION OUTPUT

3.2.1 Give details of the ongoing minor and major projects?

Kindly see, Annexe : VII of Part-I of Re-Accreditation Report for details of the Major Research Projects being pursued in the University.

3.2.2 Does the university have research funding from the Government, Industry, NGO or International agencies? Give details

As is evident from the perusal of enclosed Annexe: VII of Part-I of Re-Accreditation Report, research funding is made available to the faculty of the different University Schools of Studies from the Governmental Agencies like AICTE, UGC, Department of Science and Technology, Department of Biotechnology, etc. Efforts are on to multiply it through securing funds from industry, NGOs, international agencies too. To substantiate, we may mention here that a group of faculty and research scholars were funded for their visits and collaborative research work by the Institute of Physics, Taipei, Taiwan in the preceding three-year consecutive period.

3.2.3 Does the University have research students currently registered for Ph.D.?

As on date 107 Research Scholars are registered for pursuing their Doctoral Research in different University Schools of Studies/ Approved Research Centres.

3.2.4 Does the University provide fellowship/scholarship to research scholars?

With a view to promote high quality research in the University 26 Doctoral and 2 Post-Doctoral Fellowships were granted in 2011-12. The amount of Doctoral Fellowship is Rs.12,000/- per month for the first two years and this is increased to Rs.14,000/- in the third year and also for the fourth year, if recommended by the School Research Committee. Likewise, the amount for the Post Doctoral Scholarship is Rs.18,000/- per month and the period will normally be of two years but extendable to third year in exceptional situation. In order to keep flexibility of offering them to the Scholars of discipline where there is a good response School-wise bifurcation of these Fellowships has not been done. A sum of Rs.3.12 Lakhs has been sanctioned by the University for this purpose.

3.2.5 Does the University have post-doctoral fellows currently working in the institution?

Currently 05 Post-Doctoral Follows are engaged in their Post Doctoral Research.

3.2.6 Give the highlights of the collaborative research done by the faculty.

University of Basic and Applied Sciences and the University School of Biotechnology have the record of accomplished collaborative research. The institutions involved include : Institute of Physics, Taipai, Centre for Polymer Sciences at IIT, Delhi, Centre for Energy Studies at IIT, Delhi, Shri Ram Institute of Industrial Research, Delhi, Dabur Research Foundation, Punjabi University, Patiala, and University of Delhi, Delhi in case of former School, and Institute of Genomics and

Integrative Biology, International Centre for Genetic Engineering and Biotechnology, Indian Agricultural Research Institute, Institute of Pathology, Institute of Nuclear Medicine and Allied Sciences, DRDO, AIIMS, University of Mumbai and University of Delhi - South Campus in the case of latter.

3.2.7 What research awards and patents were received by the faculty during the last five years?

While the **Research Awards** given by our University on the Teachers' Day, celebrated on 05th September, 2010 and 2011 are detailed hereunder, the **Patent** registered has been only one in the name of Kapoor M. and Takatsuji H (2007) US Patent 7282622 – Flower Morphology of Plants by targeting mads-box gene.

RESEARCH AWARDS

Academic Year 2010

- 1 Prof. Yogesh Singh, University School of Information Technology
- 2 Prof. Anu Singh Lather, University School of Management Studies
- 3 Prof. Anup Singh Beniwal, University School of Humanities and Social Sciences
- 4 Dr. Rajesh Kumar, University School of Basic & Applied Sciences
- 5 Dr. C.S. Rai, University School of Information Technology
- 6 Dr. Kiranmay Sarma, University School of Basic & Applied Sciences
- 7 Dr. Arvinder Kaur, University School of Information Technology
- 8 Prof. S.B. Jain, University School of Engineering & Technology

ACADEMIC YEAR 2011

1. Prof. Anu Singh Lather, University School of Management Studies
2. Prof. Anup Singh Beniwal, University School of Humanities and Social Sciences
3. Dr. Arvinder Kaur, University School of Information Technology
4. Dr. Anjana Gosain, University School of Information Technology
5. Sh. Sanjay K. Malik, University School of Information Technology
6. Dr. Bharti Suri, University School of Information Technology
7. Dr. Ram Shanker Gupta, University School of Basic & Applied Sciences
8. Dr. Yogesh Tyagi, University School of Basic & Applied Sciences

3.2.8 Are there Research papers published in refereed journals periodically, by the faculty? If yes, specify.

The faculty of different University Schools of Studies is publishing sizeable number of research papers both in national and international journals of repute ; for details please, see, **Annexe : VIII of Part –I of Re-Accreditation Report.**

3.2.9 Give the list of publication of the faculties

- a. Books
- b. Research papers
- c. Abstracts
- d. Proceedings
- e. Theses, etc.

The Annexe : VIII of Part-I of Re-Accreditation Report also includes the details of other publications of the faculty, namely, books, abstracts, proceedings, theses, etc.

3.3 CONSULTANCY

3.3.1 List the broad areas of consultancy services provided by the Institution during the last 5 years.

For facilitating the faculty of different University Schools of Studies the University has a separate **Ordinance** which governs both the **Intuitional and Individual Consultancy** ; as has been observed by the earlier Peer Team, the University has liberal rules for the purpose.

As far as broad areas of consultancy services are concerned, these include : (i) Software Development ; (ii) Net Working ; (iii) Remote Sensing & GIS ; (iv) Food Technology ; (v) Application of Nano-Science Technologies ; (vi) Export-Import Procedures and Documents ; (vii) Behavioural Testing/Modification ; (viii) Legal Aid ; (ix) Environmental Impact Assessment ; (x) Hazard Analysis and Risk Management ; (xi) Plant Development Biology ; (xii) Polymer Technology ; (xiii) Human Resource Management ; (xiv) Services and Social Media Marketing ; (xv) Health Care and Information Technology ; (xvi) Homeland Security and Urban Disaster Management ; (xvii) Local Area Planning ; (xviii) Language of New Media Markets and Economics ; (xix) Advertising and Youth ; (xx) Media and Governance ; (xxi) VLSI Design ; (xxii) Human Genetics ; and, (xxiii) Microbiology & Bioinformatics.

3.3.2 Does the institution publish the expertise available for consultancy services? (Capability profile)

The expertise available for consultancy services is published in the form of a Booklet on 'Capability Profile of the Guru Gobind Singh Indraprastha University' and is circulated to all the probable clients ; illustratively, we may peruse the **Appendix : XIV in Part-III of Re-Accreditation Report :Appendices** which provides the complete details of the Capability Profile of the Guru Gobind Singh Indraprastha University which is in the process of finalization for printing for

the Academic Session 2012-13. Further, the expertise of the faculty members of different Schools is also uploaded on the University's Website (www.ipu.ac.in).

3.3.3 Give details regarding the nature of consultancy services and revenue generated?

While the focus of the University continues to be on quality-oriented professional education and research of global level, yet it is steadily registering applaudable growth in the revenue generation *via* consultancy assignment. To substantiate it, we may mention here that the laboratories of the University School of Environment Management have been recognized by Delhi Pollution Control Committee, Govt. of NCT of Delhi to carry out analysis of air, water and noise pollution of various industries and prepare adequacy reports of the same.

The total revenue generated from this consultancy work during 2007-08 was ~Rs.35 lacs; during 2008-09 ~Rs.73 lacs and during 2010-11 ~ Rs. 1 crore. The School of Environment Management is also associated with Department of Urban development, Govt. of NCT of Delhi in demarcation of boundaries of unauthorized colonies in Delhi. This consultancy work generated a revenue of Rs. 50 lacs in 2008-09.

Industrial consultancy is also being offered by faculty of University School of Chemical Technology. Some of their notable assignment have been : Development of Carbon-dioxide based refrigeration system; Comprehensive audit focusing on safety, environment and occupational health for Oil and Natural Gas Corporation Ltd. (ONGC), Onshore installation, GCS and drilling Rig at Gamnawala, Rajasthan and Risk assessment for MS quantity up-gradation project at IOC Guwati Refinery.

3.4 EXTENSION ACTIVITIES

3.4.1 What out reach programmes are organized by the institution? How are they integrated with the academic curricula?

While continuing the outreach programmes mentioned in the University's earlier Self-Study Report submitted to NAAC in December, 2006, the newer list have been enriched further by the following :

- a) The students of MA (English and Communication Studies) are sent to media and publication houses, HR Divisions of Corporate Houses both for their own training as well as for taking up teaching assignments. In-house training is further provided to the students of this programme by involving them in academic and other allied programmes of the University School of Humanities and Social Sciences;
- b) Opportunities for continuing Education have been created for law professionals by the University School of Law & Legal Studies by starting two new specialized Weekend Programmes, namely, LL.M. in Cyber Laws & Cyber Crimes and LL.M. in Intellectual and Industrial Property Law ;
- c) University School of Law and Legal Studies is also conducting coaching classes for Competitive Examinations for Civil and Judicial Services for the benefit of SC/ST/Minority / OBC and students belonging to other disadvantageous categories ;

- d) In collaboration with the Police Training College, Jharoda Kalan, the University School of Law and Legal Studies has also taken the unique initiative of training the Police Officers of Delhi in Criminal Laws ; and,
- e) Although an indirect outreach programme in other University Schools of Studies, students are consciously motivated to make variegated kinds of societal problems as the topics of their projects/ dissertations so that not only they are enabled to have the direct feel of the same, but in the process also creates awareness to the concerned Schools about the nature of the outreach programmes towards which they can march ahead in years to come.

The outreach programmes mentioned at (b) and (c) above could be considered good examples as to how these programmes are integrated with the academic curricula ; these may, however, be regarded as packaged illustrations over and above several others which were highlighted in the earlier Self-Study Report and which have now assumed the generic operational feature of this University.

3.4.2 How does the university promote university-neighborhood network in which students acquire training, which contribute to sustained community development?

University-neighbourhood network is promoted through involving students in services for sustained community development. For example, the students of the School of Environment Management have been visiting selected slum areas in Delhi to educate the people about environment cleanliness and hygiene in their day-to-day lives.

Students also participated in cleaning of roads and neighbourhood in the slum areas. They have been instrumental in educating people about the importance of Biodiversity in general, and in raising of trees and other plantations in the neighbourhood. Similarly, students of MA (English & Communication Studies) are given theatre and drama training wherein they are taught to stage street plays to spread messages of social relevance among masses. Without repeating, the role of the students of University School of Law and Legal Studies (USLLS) have further been expanded in different areas such as door-to-door campaigns for legal literacy and legal aid, human rights education, participation of students in the society for scientific values, society for conservations of nature, etc. as highlighted in the earlier Self-Study Report – these activities have now become a continuous feature of the USLLS.

3.4.3 How does the institution promote the participation of the students and faculty in extension activities of NSS, NCC, YRC and other NGOs? How often and in what roles are they involved?

In the light of objective set for the establishment of this University, the participation of the students and faculty in extension activities of NSS, NCC, YRC and other NGOs is quite restrictive. Even so, both the faculty and students are widely involved in the extension activities carried out by Spic Macay Society for Scientific Values, Society for Conservation of Nature and similar other organizations.

3.4.4 Is there any research or extension work to ensure social justice and to empower under-privileged sections in particular, women and children?

The students of different University Schools of Studies in general, and those belonging to University School of Law and Legal Studies, in particular, opt for the topics for their projects/ dissertations/ doctoral research work which are related to such subjects like forest law, disaster management, migrant population, human rights, consumer protection, etc. Steadily, this trend is spreading among the students of other University Schools of Studies. For example, the University School of Biotechnology continues to organize workshops for training the teachers in theory/ lab subjects of Biotechnology.

3.4.5 What is the impact of extension on the community? Specify.

It's on account of the extension activities undertaken by this University that a pool of Police Officers [634 (2008) + 385 (2010)+415(2011)] totaling 1434 would become available duly trained in Criminal Laws and Constitutional Law. Likewise Lok Adalats arranged by University School of Law and Legal Studies have resolved several dozens of cases aside creating good amount of awareness in respect of social and gender related issues among the students belonging to disadvantageous segment of the society.

3.5 COLLABORATIONS

3.5.1 How many linkages does the institution have, for research and extension?

For the answer of linkages established by the University for promoting research and extension activities, see, please, our answer to Question No.11 of Criterion-III of Part-I of Re-Accreditation Report wherein the details of the MoUs signed with national and international organizations have been furnished ; also see, the list of Approved Research Centres wherein the University permits the registration of the Research Scholars for pursuing Doctoral Research vide Sr. No.13 [A-Profile of the University] in **Part-I of Re-Accreditation Report.**

3.5.2 List the organizations and the nature of linkage and expected outcomes.

The University is being benefited by the linkages it has established with national and international institutions primarily in the form of Students-Faculty Exchange and by way of Collaborative Research. And, steadily the outcomes are likely to cover such areas as organizing of Joint Conferences/ Seminars/ Workshops followed by the Extension Activities. Further, it may be mentioned that these linkages have also helped us in identification of eminent academia who are engaged by the University as Guest/ Visiting Faculty for handling highly specialized subjects included in different programmes in general, and those of weekend programmes, in particular.

3.5.3 How does the linkage promote

- a) Curriculum development**
- b) Internship**
- c) On-the-job training**
- d) Faculty exchange and development**
- e) Research**
- f) Consultancy**
- g) Extension**
- h) Publication**
- i) Student Placement**

The linkages established by the University have helped in (a) introduction of 15 New programmes ; (b) updation of over a dozen academic programmes ; (c) arranging internships/ on the job training/ placement nearly to about 50% of the students admitted to different academic programmes ; (d) exchange of faculty and students for more than a dozen in number ; (e) undertaking of collaborative research ; and (f) in exploring the areas in which consultancy assignments and extension activities could be taken up.

3.6 BEST PRACTICES IN RESEARCH, CONSULTANCY AND EXTENSION

3.6.1 Describe the best practices in research, consultancy and extension with reference to promotion of research/publication output/consultancy and extension activities/collaborations?

The best practices of this University in research, consultancy and extension activities include : (a) promotion of doctoral research as per the minimum standards and procedures required for admission

and pursuing doctoral research as prescribed not only by the UGC through its Regulations issued in 2009 but also their upgradation in terms of courseware requirements and publications by the Scholars in refereed national and international journals ;(b) introduction of Best Researcher's Awards – a practice wherein not one but 8 to 10 teachers are conferred with Best Researcher's Awards on Teachers' Day, celebrated on September 5, each year ; (c) existence of an Ordinance Governing the Individual and Institutional Consultancy – a perusal of which would evince that the University follows very liberal rules in respect to taking up of consultancy assignments ; (d) conversion of the Guidelines governing the Sponsored Research Projects into a distinct Ordinance for Governance of Sponsored Research Projects ; (e) almost without any restriction sanctioning of publication grants to the faculty for publication of their research papers in referred national and international journals almost without any restriction ; (f) introduction of Scheme of funding the Research Projects of newly recruited faculty from the internal funds of the University ; (g) creating a pool of police officers duly trained in criminal laws, cyber laws, etc. ; (h) liberally allowing the faculty to attend the international conferences/seminars/ workshops and meeting their traveling and other expenses ; (i) existence of Regulations whereby the University grants the status of Approved Research Centre to other National Level Institutions engaged in the promotion of research and the status of Approved Supervisor to all the eligible faculty / officers of these Centres ; and, (j) creation of an Institutional Ethical Committee for examining the ethical aspects of research projects originating in the University School of Basic and Applied Sciences/ School of Environment Management / School of Information Technology/University School of Biotechnology etc. on the one hand, and for propagating Indianized Ethical Systems, on the other.

ANSWER TO QUESTIONS MEANT FOR RE-ACCREDITATION:**1. What were the evaluative observations made under Research, Consultancy and Extension in the previous assessment report and how have they been acted upon?**

As recommended by the Peer Team, the University has converted the Guidelines Governing the Sponsored Research Project into an Ordinance with a view to create barriers to the Principal Investigators whereby they are facilitated not to have any kind of Audit objection at the time of submission of final utilization of the grants. Now, the University has made it a point that over the years, it is able to meet the recommended 'One Faculty at least One Funded Project Norms' by making available internal resources for funding. A Capability Profile Booklet of the University is being prepared and circulated among the relevant corners in order to attract more and more research and consultancy projects.

In order to institutionalize extension programmes for the benefit of the society at large, Director-Students Welfare is now functioning as the Coordinator for the implementation of all such programmes which are having social orientation among the students. Further, a document is in the process of preparation on the **Policy of the University for Extension Activities** in order to motivate the University Schools of Studies to take up these activities in a big way. A series of MoUs have been signed with a view to boost up the consultancy activities in the University.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Research, Consultancy and Extension.

The University has aligned its Regulation on Ph.D. Ordinances with UGC's Minimum Qualifications and Standards for the award of M.Phil./ Ph.D. Degree Regulation, 2009. There exists a mechanism to offer liberal grant for research publications, peer review, national and international journals.

Capability Profile is being prepared and circulated in order to reach the relevant stakeholders. **Indraprastha University Industry Interaction Cell** alongwith and **IPR Cell** have been established in the University.

Best Researcher's Awards are conferred on the faculty conducting research of global standards.

Extension Policy of the University is in the process of its finalization so as to give a planned and conscious boost to extension activities of the University and its Schools of Studies ; **Legal Aid Cell, Training Centre and Children & Family Counselling Centre** are already operational for the purposes of carrying out the warranted extension activities in the University School of Law and Legal Studies.

**CRITERION IV:
INFRASTRUCTURE AND LEARNING RESOURCES**

4.1 PHYSICAL FACILITIES

4.1.1 How well endowed is the university in terms of physical infrastructure? (classroom, administrative buildings, transport, water, power supply, etc., to run the academic programme). Enclose the master plan of the university campus indicating the existing building and the projected expansion in the future.

As far as the availability of physical infrastructure in the University both at Main Campus (Dwarka, Sector-16-C) and Kashmere Gate Campus are concerned, it is mentioned that adequate number of class rooms, adequate number of faculty rooms, water, power supply etc. are found to run all the academic programmes. Both the campuses are linked with the metro and have connectivity of Bus service by Delhi Transport Corporation. The Master Plan of the University's Main Campus located at Sector-16-C, Dwarka is enclosed as **Appendix : XV in Part-III of Re-Accreditation Report :Appendices** ; as far as projected expansion is concerned it may be added that the Phase-I of the Main Campus is nearing completion and thereafter the Phase-II will be taken up for construction as per the requirement. And, there is ample scope of expansion *vis-à-vis* permissible covered area allowed under building norms ; the Maser Plan for the Kashmere Gate has already been submitted with the earlier Self-Study Report, hence, the same is not being appended with the Re-Accreditation Report.

As of now only 45% covered area stands utilized on the completion of Phase-I against the permissible area for the complete Main Campus at Dwarka. As regards power supply, regular connection is available from local electricity supply authority which is sufficient to meet its requirement. In addition to that, installed capacity of 4010 KVA as power backup is also available to meet the exigency /power failure at the Main Campus. Similarly, at Kashmere Gate Campus, the power supply is provided by said electricity authority ; backup power supply with installed capacity of 1000 KVA is also available at the Kashmere Gate Campus.

As present, in the Main Campus, water supply is being drawn from the bore-well duly permitted by central ground water authority, which is being filtered and RO plants have been installed at all the points from where water is taken out for drinking. At Kashmere Gate Campus, water supply is available from the Municipal Authority.

4.1.2 What are the infrastructure facilities available for

- a) **Academic activities**
- b) **Co-curricular activities**
- c) **Sports**

The infrastructural facilities available for (a) academic activities ; (b) co-curricular activities ; and, (c) sports both for the Main Campus and the Kashmere Gate Campus are detailed hereunder :

I. Main Campus (Sector 16-C, Dwarka, New Delhi) :

- (a) **Academic Activities** : 05 School Buildings, with approximate built up area of 40,000 sq. mtrs. and Central Library with a built up area of 5,000 sq. mtrs. are available for academic activities;
- (b) **Co-curricular** : 03 Seminar Halls, Day Care Centre, Women Gymnasium, Common Rooms for Boys and Girls and students activity area have been constructed ;
- (c) **Sports** : Play grounds for for football/ cricket, swimming pool, badminton court, have been provided and lawn tennis / basket ball courts are planned.

II. North Campus (Kashmere Gate, Delhi) :

- (a) **Academe Activities** : Approximately 500 Sq. mtrs. area is available for newly established University School of Architecture and Planning and University School of Mass Communication ; a separate ultra-modern campus has been planned for the University School of Architecture and Planning at the University's East Campus located Surajmal Vihar, Delhi ;
- (b) **Co-curricular** : Auditorium, Common Rooms for boys and girls, Seminar Hall, Conference Room, etc. have been provided ;
- (c) **Sports** : Playground for Football / cricket, lawn tennis court, basket ball court is available.

4.1.3 Has the institution augmented the infrastructure to keep pace with academic growth? If yes, specify the facilities and the amount spent during the last five years.

The University started its initial functioning from the North Campus located at Kashmere Gate, Delhi with approximate 20,000 sq. mtrs. of built up area in 1998. Now it has shifted to its Main Campus located at Sector 16-C, Dwarka, New Delhi in 2010 which is spread over on a land admeasuring 60.46 acres and built up area of approximately 90,000 sq. mtrs. (on completion of Phase-I), which is nearly four times of the one available at Kashmere Gate Campus.

In so far as the facilities are concerned, kindly, see, the reply to question No.4.1.1 and 4.1.2 above ; as far as the amount spent during the last five financial years (2006-11) is concerned, Rs.165/- crores at Main Campus and Rs.10.00 crores at Kashmere Gate Campus have been spent.

4.1.4 Has the institution provided facilities like common room, wash/rest room for women students and staff?

At both the campuses, facilities of adequate common rooms, wash / rest rooms for women students and faculty rooms for the staff are available.

MAINTENANCE OF INFRASTRUCTURE

4.2.1 What is the budget allocation for the maintenance of –

The budget allocation for the maintenance during the financial year 2010-11 **in respect of both the campuses has been thus :**

a. Land & Building	-	Rs.6.00 crores
b. Furniture	-	Rs.4.00 crores
c. Equipment	-	Rs.2.50 crores
d. Computers	-	Rs.1.50 crores
e. Transport	-	<u>Rs.0.50 crore</u>
		<u>Rs.14.50 crores</u>

4.2.2 How is the budget optimally allocated and utilized?

The Budget was allocated only after taking into account the needs of the infrastructure including the expenditure that may be additionally required for shifting to its Main Campus at Dwarka.

4.2.3. Are there staff appointed for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained?

Yes, fully functional Engineering Department exists in the University to take care of the maintenance and repair of infrastructure ; the workers for the maintenance are, however, outsourced.

4.2.4. How is the infrastructure optimally used?

The entire Main Campus located at Sector 16-C, Dwarka, New Delhi has been constructed keeping in view its optimum utilization only ; so is the case with the Kashmere Gate Campus.

4.3 LIBRARY AS LEARNING RESOURCES**4.3.1 How does the library ensure access, use and security of materials?**

The library has collection in the form of books, print journals, and e-resources, which are available in the open access form. Faculty, Researchers and students are invited to use these resources as per their interests and requirements. As far as security is concerned, we have security staff who ensure the security of material.

4.3.2 What are the facilities available in the library? (Computers, Internet, reprographic facilities etc.)

The University Information and Resource Centre (UIRC) has facilities for access to computers, internet connection and photocopying facilities for its users ; reprographic facilities are provided to students on subsidized rates, i.e. @ 50 paise per page.

4.3.3 How do the library collections cater to the needs of the users?

The UIRC resources are augmented at the initial stage itself as per the requirements of the faculty of different University Schools of Studies, Research Scholars, and Students ; thus a perfect match exists in the available resources and the needs of the users.

4.3.4 How does the library ensure purchase and use of current titles, important journals and other reading materials?

Each University School of Studies is having its own library sub-committee and its only on the basis of its recommendations, books, journals and e-resources are being subscribed on yearly basis. Aside this practice, a Central Library Committee further examines the current requirements of books, journals and e-resources in order to ensure the inclusion of latest editions of the same.

4.3.5 If the library has an archives section, to what extent is it used by the readers and researchers?

Archives Section is available in the UIRC in the form of back volumes of the print journals. Researchers do need old literature of their interest primarily in the form of back volumes of the journals. To this, it may be added that the UIRC has also submitted a proposal to create in it a full fledged Archives Section.

4.3.6 How are on-line and Internet services in the library used by students and faculty? Specify the hours and frequency of use?

The Students and faculty are using online internet facility for accessing most of our digital collection which is subscribed by the University from the UGC Infonet. The facility is available and accessed by them. The UIRC intends to enhance the facility by establishing full fledged Computer Centre within the Library. Frequency of use varies for the faculty, students and researchers as per their need.

4.3.7 Are the library services computerized? Does the institution make use of INFLIBNET/ DELNET/ IUC facilities? If yes, give details.

Yes, the UIRC services are fully computerized. It is also a member of the INFLIBNET / DELNET to get benefit of resources available at these two Centres.

4.3.8 For how many days is the library kept open in an academic year? How many hours is the library open per day?

UIRC remains are open on 365 days in an year excepting, of course, Gazetted Holidays of Govt. of NCT of Delhi. The Library hours are from 9.00 AM to 6.00 PM and there is a proposal to further expand the timings of the library as per the requirements of its users.

4.3.9 Does the library have an advisory committee? What are its functions?

Yes, there is an Advisory Committee for the UIRC. Its functions broadly include : taking decisions relating to library resources in terms of which it has to be augmented, automation, linkages to be established, creation of user friendly environment, etc. alongwith its further expansion.

4.3.10 Amount of money spent for new books, journals during the last five years?

During the preceding 5 academic sessions, namely, 2006-07 through 2010-11, the amount of money spent on the purchase of new books, journals and e-resources amounted to Rs.3.71 crores.

4.3.11 How does the library motivate students/ teachers to read existing and new arrivals?

Both the faculty and students are encouraged to read both the existing and new editions of books and journals through organizing frequent orientation programmes for their different segments.

4.3.12 What are the special facilities offered by the library to the visually challenged and physically challenged person? How are they used?

In so far as the physically challenged students are concerned, the ramps as well as lifts are available, however, for visually challenged students, a Braille Library is being created.

4.3.13 List the infrastructural development of the library over the last five years?

Consequent upon the shifting of the University to its main campus located a Sector 16-C, Dwarka, New Delhi-110075, the space available with the UIRC has significantly augmented to the built up area of 5000 sq. mtrs. The computer facilities added in the library during the preceding five years period (January, 2007 – December, 2011) are as detailed hereunder:

**COMPUTER FACILITIES ADDED IN THE LIBRARY DURING THE PRECEDING
FIVE YEAR PERIOD (JANUARY, 2007 – DECEMBER, 2011)**

Sr. N	Specification and O/S (username)	Supplier's Name / Address	Date of supply	Qty
A	COMPUTER SYSTEM			
1.	HP Compaq Computer - 8100 Elite Minitower with preloaded OS MS Windows 7 (x64 bit), Intel v Pro, Intel Core i5-650, 3.2 Ghz, 4MB L3 Cache, 2GB DDR3 RAM, 320 GB 7200 rpm ATA HDD, 18.5 inch TFT monitor, DVD 8X Rewriter	Received from Stores	Installed on 15.06.2011	25
2.	HP Compaq dx7380 Microtower Business PC, 04 GB DDR2 RAM, 160GB HDD, 19" TFT ThinkVision Monitor, DVD Multi Player, DVD R/RW Drive, inbuilt speaker, optical mouse, Windows Vista@ Business 32-bit <i>Machine Type : dx7380</i>	<i>MaxInfo Networks, Under DGS&D RC, Pitampura, New Delhi - 110 034 Tel: 47533149, Mb: 9311388837 HP TFT 19"</i>	19" TFT supplied on 11.08.2008	10
3.	IBM Think Centre, Intel Pentium(R) D, 2.80 GHZ, 01 GB RAM, 160GB HDD, 17" TFT ThinkVision Monitor, DVD Multi Player, DVD R/RW Drive, inbuilt speaker, optical mouse, WinXP Pro Ver 5.1 SP2 <i>Machine Type : 8296 Model No. : DM4 Serial No. : L9AA556 Machine Type : 8296 Model No. : DM4 Serial No. : L9AA548 Machine Type : 8296 Model No. : DM4 Serial No. : L9AA743 Machine Type : 8296 Model No. : DM4 Serial No. : L9AA586 Machine Type : 8296 Model No. : DM4 Serial No. : L9AA752</i>	Received from Store and Installed by NICSI / IBM	Installed on 2007	05

COMPUTER FACILITIES ADDED IN THE LIBRARY DURING THE PRECEDING FIVE YEAR PERIOD (JANUARY, 2007 – DECEMBER, 2011)

Sr. N	Specification and O/S (username)	Supplier's Name / Address	Date of supply	Qty
B.	Printers			
1.	HP Color Laser Jet CP 2025 dn, Resolution Colour 600x600, Print speed A4 size 20ppm, Duplexing: yes, Memory: 16 MB	From Stores	July 2011	02
2.	HP Color Laser Jet Printer 2605 DN <i>Serial No. : (with Librarian)</i> <i>Serial No. : (with Dr. Savita)</i>	Received from Dy Reg. (Purchase)	Vide indent form 1353 dt. 16.7.07	02
3.	HP Color Laser Jet Printer 2605 DN <i>Serial No.: 8031401071 (with Dr. Anand)</i> <i>Serial No.: (with Dr. Chetan)</i>	Received from Dy Reg. (Purchase)	11.08.2008	02
C	Flatbed Scanner			
1.	HP Scanner SJ 5590 600x600 dpi, speed 8 ppm, Flat bed A4 size. (With Circulation Section and Periodical Section)	From Stores	July 2011	02
D.	UPS			
1.	Online 5KVA IGBT based UPS Make: Pulse Tech S.No. VJ 0801 (Circulation Section, from Book Bank) S.No. (Periodical Section) by Elegant Electronics	Received from Dy Reg. (Purchase)	2008	02
2.	Keptron UPS Model No. LI110115M; 1KVA Offline with 30 Minutes backup i) 12064907 (with Librarian) ii) 12064910 (with Rajaram) iii) 12064911 (with Periodicals) iv) 12064912 (With Deval) vi) 12064913 (with OPAC terminal)	Keptron Electronics, DELHI Office, Patpar Ganj, Tel: 22751719 Mr. Jagat	Installed on 09/01/2007	04

4.4 ICT AS LEARNING RESOURCES

4.4.1 How is the computer facility extended to all faculty & students?

The University is part of the National Knowledge Network with available bandwidth of 1 GBPS Link. Faculty members are given personal computer along with internet facility. In addition faculty up to the level of Professors have been given laptops as well. The '**Computer Centres**' established in each of the University Schools of Studies are also available for use by the respective faculty and the students.

4.4.2 How are the faculty facilitated to prepare computer aided teaching/learning materials? What are the facilities available in the university for such efforts?

As mentioned in response to the previous question, computer facility is available to all the faculty member which can be used by them to develop computer aided teaching/learning material.

4.4.3 Is there a central computing facility, If yes, how favorable are its timings, access and cost to both students and faculty?

The centralized computing facility created at Kashmere Gate Campus, on account of the shortage of space, now stands substituted by a distinct computing lab in each of the University Schools of Studies. Access to the School's

computing facilities is available on all working days with sufficient number of computer terminals.

4.4.4 How are the computers and its accessories maintained in the department?

For the computing lab of every University Schools of Studies, there is a designated Faculty In-charge and a Lab Assistant to ensure effective utilization and ascertain that the facility is well maintained. University Centre for IT Infrastructure and Maintenance (UCITIM) has entered into AMCs with various vendors for maintenance of computer terminals, printers, servers, UPS, etc. The security of the computer system and the servers is maintained by use of firewall system and proxy server.

4.4.5 What is the output of the various departments in developing packages for their discipline?

As part of the E-Governance System, that serves to improve the internal efficiency of various administrative and academic systems and speedier delivery of the services to the students, employees and faculty of the University Schools of Studies, software packages have been developed for Admissions, Examinations, Accounts and for Other Administrative purposes including the automation in the UIRC.

4.5 OTHER FACILITIES

4.5.1 How many students stay in the hostel? How many rooms are there in the hostel? Is the accommodation sufficient to meet the demand?

Presently, the students stay in two hostels at the University with capacity to accommodate 125 Males and 250 Female students ; in so far as the University's Main Campus is concerned, the construction of 02 boys hostels, which can accommodate 376 students, has been completed and shall shortly commence their functioning. Another 02 hostels for girl students at the Main Campus are in the construction stage wherein a total capacity of 376 female students shall be created. The accommodation available being created, is more than sufficient to meet the demand.

4.5.2 What facilities are provided in the hostel?

The facilities provided in the hostels include :

- (i) Dining / Mess space - Kitchen ;
- (ii) Common Room ;
- (iii) RO Water at each floor ;
- (iv) Single Seater Room for each Student ;
- (v) Toilets for Students at each Floor ;
- (vi) Lifts ;
- (vii) 05 room per hostel for Differently-abled Students ; and,
- (viii) Hot water bathing facility with solar power.

4.5.3 What are the facilities provided by the health center?

Health Centre has been established at both the campuses with full fledged Nurse and a Doctor to take care of immediate first-aid and the provision of ambulance to meet the exigency also exists in the University.

4.5.4 What are the physical and infrastructure facilities available for the sports and physical education centre?

The infrastructural facilities available for sports at the University's **Main Campus** are as detailed hereunder :

- (i) Play grounds for football / cricket ;
- (ii) Swimming pool ;
- (iii) Badminton court ;
- (iv) Lawn tennis court; and,
- (v) Basket ball courts.

Likewise, at the **Kashmere Gate Campus**, the following facilities exists for sports :

- (i) Playground for Football / Cricket;
- (ii) Lawn tennis court ; and,
- (iii) Basket ball court.

4.5.5 How does the institution ensure participation of women in intra and inter institution sports competitions ?

Every year, the University organizes an Intra-College Sports Meet wherein various sports activities are planned for women students.

4.5.6 Does the institution have a workshop / instrumentation centre? If yes, what are the physical and infrastructure facilities available in the centre?

With each University School of Studies becoming self-sufficient in terms of availability of required equipment, the need for Centralized Instrumentation Centre is steadily vanishing. The ownership of the equipment mentioned in the earlier Self-Study Report : Part-II by way of Technical Resource Centre is being transferred to the equipment asset register of the most concerned University School of Studies.

4.6 BEST PRACTICES IN THE DEVELOPMENT OF INFRASTRUCTURE AND LEARNING RESOURCES

4.6.1 Describe the best practices for the development of infrastructure and learning resource adopted by the college with reference to physical facilities and its maintenance/ library as a learning resource/ ICT as learning resource and other facilities to create learning ambience ?

In the area of development of infrastructure, the adopted best practices include the following :

A) Adopting green building concept : *i) Rain water harvesting ; ii) Recycling of waste water ; iii) Use of local and waste material like fly ash bricks ; iv) Use of energy efficient electrical fittings and fixtures like CFL and electronic chokes; v) Screw type chiller has been used which is energy efficient ; vi) Use of zero ozone depletion potential refrigerant in air conditioning ; vii) Use of reflectosol glass for*

enhancing energy efficiency ; viii) Solar energy is used for boiling water in hostels ; ix) Adopting variable voltage variable frequency system for lifts to achieve energy efficient operation ; and, x) Solid waste management and adopting vermin-composting. **B) Physically challenged friendly buildings by adopting ramps at ground floor and lifts** (one lift of 13 persons) to access higher floors, toilets etc ; **C) Interconnecting bridges between various buildings and multiple floors for easy & smooth movement facilitating integration of different schools ; D) Centrally located library with big stepped entrance giving impression of an amphitheatre and providing interactive spaces for students and faculty ; E) Terraces at different floor levels in school buildings provide space for relaxation, interaction and providing sense of openness ; F) Providing 3 staircases in each school building for fast escape during fire & easy movement; G) Centrally air conditioned faculty rooms and labs ; H) Better materials & specifications like SS railings, powder coated aluminum windows, vitrified tiles in faculty rooms and kota stone in circulation ; I) Permanent exterior finish** has been provided by using vitrified clay tiles ; **J) Power back up with installed capacity of 4010 KVA DG set ; and, K) RO drinking water** at each floor in all buildings.

The best practices related to learning resource include :

- (i) Orientation courses for the different segments of users ;
- (ii) Presentation and demonstration of different products ;
- (iii) Organizing of exhibitions wherein the different publishers display their new editions of both text and reference books by putting distinct stalls ; and,

(iv) Arranging the visits of students to different book exhibition organized in National Capital Territory of Delhi.

(v) ICT as Learning Resource : ICT supported learning tools are extensively used by the faculty of the University Schools of Studies as well as visiting faculty. Most of the University's academic and administrative activities have been administered with the support of the E-governance system. The state of the art campus wide network with 10 GBPS connectivity provides boost to these activities. National Knowledge Network has further enhance the effectiveness of e-governance.

ANSWER TO THE QUESTIONS MEANT FOR RE-ACCREDITATION

1. What were the evaluative observations made under infrastructure and learning resources in the previous assessment report and how have they been acted upon ?

The Phase-I of the University's Main Campus is almost nearing completion and thereby the University is able to take care in an appreciable manner the academic, co-curricular and sports requirements of the students in a better and better fashion, aside financing the establishment of a world class University School of Architecture and Planning at the University's East Campus located at Surajmal Vihar. Needless to reiterate here that the use of ICT is being optimally done by both the faculty and the students. Shortly the hostel accommodation both for male and female students would stand significantly enhanced.

The Medical Centre in the Main Campus is well equipped with facilities as per the recommendation of the Peer Team.

As has already been indicated in the preceding paras, the requirements of the Research Scholars for their specific need related to books and journals is especially being taken care of both at the level of Sub-Library Committees of different University Schools of Studies and at the Central Library Committee found operational at the level of UIRC.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to infrastructure and Learning Resources ?

We understand that the replies to different questions under the Criterion –IV and the details therein should be persuasive enough to the esteemed NAAC that the University is amply concerned with the quality sustenance and enhancement measures in so far as the infrastructure and learning resources are concerned.

CRITERION V :
STUDENT SUPPORT AND PROGRESSION

5. CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT PROGRESSION

5.1.1 What is the student strength of the institution for the current academic year ? Give the data gender-wise, state-wise and nationality-wise, along with analysis and comments.

The current strength of the institution is 5392 (for the year 2010-11). It is significant to note that the percentage of female students is 43% of the total, an increase from the earlier share of 14% during the year, i.e. 2006-07. However, of the 40 foreign students admitted this year, only 12 are women. It is expected that when the hostel facilities at the Dwarka Campus becomes actually available, the number of female foreign students will rise. Further, of the total, 4548 students are from the Union Territory of Delhi whereas 804 students belong to other states. Over a period of time, it has been seen that the programmes offered by University Schools of Studies are in demand, however, as per the policy of Govt. of NCT of Delhi, only 15% of the seats are reserved for the students belonging to the outside National Capital Territory of Delhi.

5.1.2 Details of the last two batches of students and their profile (SC /ST, OBC, BC, General etc.,) prefixing the Socio-economic profiles also.

While the University is not collecting any information in the admission form, which is the shape an OMR Sheet, regarding the socio-economic profiles / status of the students who apply for their admissions in different academic programmes excepting, of course, the details in respect to the names of their parents, address, etc. but on the basis of personal interactions with different categories of students, it can be stated that the

students belonging to general category either belongs to business class families or their parents have been found working in some kind of services, including those who are employed in government / semi – government organizations. Most of the students belonging to SC/ST, OBC and other categories, their parents are either self-employed or are found working as skilled or semi-skilled workers.

With this background, the exact profile of different categories of students is reproduced below for the previous two batches :

Sr. No.	Category of Students	2009-10		2010-11	
		No.	%	No.	%
1.	SC	538	10.25	568	10.65
2.	ST	34	0.65	47	0.89
3.	OBC	18	0.35	28	0.52
4.	Differently-abled	10	0.20	09	0.16

5.1.3 What percentage of the students on an average progress to further studies? Give details for the last five years.

On an average between 8 to 10 per cent of the students progress to further studies. Most of our programmes of studies are of professional in nature and, therefore, the students are absorbed by the relevant industrial and professional organizations. The only exceptions are the B.Tech. (Biotechnology) and M.Tech. (Biotechnology) programmes, where majority of the students pursue higher studies. The details for the last five years are as depicted in the following table :

S. No.	Name of School	Programme	Academic Session (% of students going for higher studies)				
			2006-07	2007-08	2008-09	2009-10	2010-11
1.	USIT	MCA(Software Engineering)	10	10	15	15	10
		B.Tech (IT)	05	05	10	05	05
		B.Tech (CSE)	10	10	05	05	10
		M.Tech (IT)	05	10	05	05	10
2.	USCT	B.Tech (Chemical Engineering)	15	10	15	20	20
		M.Tech (Chemical Engineering)	10	05	10	10	05
3.	USBT	B.Tech (Biotechnology)	45	50	50	45	50
		M.Tech. (Biotechnology)	50	45	50	40	50
4	USMS	MBA	Nil	01	Nil	01	01
5.	USLLS	B.A.,LL.B.	05	05	10	05	05
		LL.M.	-	-	10	10	20
6.	USMC	Master in Mass Communication	-	-	-	Nil	Nil
7.	USBAS	M.Tech. (Engineering Physics)	-	-	10	20	10
		M.Tech. (Nano Science & Technology)	-	-	-	10	10
8.	USHSS	M.A. (English & Communication Studies)	-	-	05	10	05
9.	USE	M.Ed.	-	-	-	Nil	Nil
10.	USEM	M.Sc. (EM)	20	15	10	15	10
		M.Sc. (Biodiversity & Conservation)	-	-	-	15	15

5.1.4 What is the dropout rate for the different years after admission?

The dropout rate for the different years after admission is below 5 per cent .

5.1.5 What proportions of the graduating students have been employed for the last three years? Provide placement record for the last three years.

S. No.	Name of School	Programme	Academic Session		
			2008-09	2009-10	2010-11
1.	USIT	MCA(Software Engineering)	95	96	95
		B.Tech (IT)	92	94	90
		B.Tech (CSE)	94	95	95
		M.Tech (IT)	90	93	91
2.	USCT	B.Tech (Chemical Engineering)	90	92	93
		M.Tech (Chemical Engineering)	94	92	91
3.	USBT	B.Tech (Biotechnology)	50	45	40
		M.Tech. (Biotechnology)	45	40	45
4	USMS	MBA	90	92	89
5.	USLLS	B.A.,LL.B.	90	95	95
		LL.M.	90	90	80
6.	USMC	Master in Mass Communication	100	100	100
7.	USBAS	M.Tech. (Engineering Physics)	90	80	90
		M.Tech. (Nano Science & Technology)	-	90	90
8.	USHSS	M.A. (English & Communication Studies)	95	90	95

9.	USE	M.Ed.	-	100	100
10.	USEM	M.Sc. (EM)	90	85	90
		M.Sc. (Biodiversity & Conservation)	-	85	85

5.1.6 How many students appeared/ qualified in UGC-CSIR-NET, SLET, IAS, GATE/ CAT/GRE/TOFEL/GMAT/Central/State services, etc. through Competitive Examinations. (last two years)

See, please, the Answer to Question No.7 of Criterion : V [Students Support & Progression] **Part-I of Re-Accreditation Report.**

5.2 STUDENT SUPPORT

5.2.1 Does the institution publish its updated prospectuses and handbooks annually? If yes, what are the information contents disseminated to students?

The University publishes its updated prospectuses (Admission Brochures) annually. In addition, a booklet (programmes of studies) giving details of different Schemes of Examinations and Syllabi is also prepared. In all the Admission Brochures, aside including the University and its Schools of Studies information in respect to the date of Common Entrance Tests, last dates of submission of admission forms through different modes, eligibility conditions, allocation of seats, reservation policy, fee structure, documents required for admission at the time of counselings, admission procedure for foreign students/ persons of Indian origin, etc. is included.

5.2.2 Does the institution provide financial aid to students? If yes, specify the type and number of scholarships / free ships given to the students last year?

The University provides financial assistance to the students in several forms such as giving cash awards to meritorious students and fee concession and scholarships to the students belonging to economically weaker sections of the society. For details, see, please, answer to Question No.3 of Criterion V : Student Support and Progression at pages 41 & 42 of Part-I of Re-Accreditation Report.

5.2.3 What types of support services are available to overseas students?

The Office of the Director, International Affairs functions as a Nodal Centre to provide information about acclimatization to the Indian conditions, amenities available on the campus and food services, games & sports facilities. Further, this Office continuously works for improving the campus life for the international students, aside resolving their all kinds of problems including those related to academic issues.

5.2.4 What support services are available to SC/ST students?

Aside adoption of the Reservation Policy for SC/ST students as announced from time to time, it makes them available the informations related to the Scholarships granted to them by Govt. of NCT of Delhi/ Govt. of India, arranges extra classes in the subjects in which they are weak, and organizes coaching classes for competitive examinations (Civil and Judicial Services). A couple of specific workshops have further been

organized for their benefit by the Entrepreneurial Development Cell, Centralized Counseling Cell and University's Career Guidance and Placement Cell also exists in order to pay their specific attention to the students belonging to these categories of students.

5.2.5 What are the support services made available to differently-abled students?

In order to help the differently-abled students in their comfortable stay in the campus so as to help in the learning process, the University has provided ramps at ground floor and 13 passenger lifts for upper floors at its Main Campus. In addition, vehicular free pedestrian paths in the main campus is another facility which highlights its commitment to make their life comfortable once they are here.

5.2.6 Does the institution offer placement and counselling services to students?

The University has a Centralized Guidance and Placement Cell and Counselling Cell which function under the Chairmanships of Senior Professors of the University. Besides, each University Schools of Studies has a dedicated Placement Cell to attract Corporate Institutions and Research Laboratories for providing the students with the opportunities for their Summer Internship, Research Projects for their Masters' level Dissertations and in their Final Placements.

5.2.7 Is there a counselling service for women students?

The University has the Centralized Counselling Cell where students can seek solutions to their psychological problems and other related issues; the services of this Cell are also available for the women students too ; as a matter of fact presently this Cell is headed by one of the Senior Women Faculty and a trained counsellor is being appointed.

5.2.8 Does the faculty participate in academic and personal counselling? If yes, how many have participated last year?

The University believes that students should be provided adequate scope and amenities for their all around development and therefore almost all the faculty members contribute to strengthening of academic environment and provide personal counselling to the students. Every faculty member is assigned a group of 30 students for counselling purposes. The counselor works as a mentor for the weak students and keeps track of the outputs of each one of them till the end of the programme.

5.2.9 Has the employment cell encouraged students to be self-employed during the last five years?

The AICTE's sponsored Entrepreneurship Development Cell established in the year 2006 is a step towards motivating the students for engaging themselves in self-employment. For the details of the activities conducted by this Cell, see, please, **Appendix : XVI of Part-III of Re-Accreditation Report : Appendices.**

5.2.10 Does the institution have an alumni association? If yes, what are its activities?

Each University Schools of Studies is having its Alumni Association. Following is the range of activities being undertaken by these Associations :

(i) Student Alumni Partnership

Student Alumni Partnership is a select group of students that partner with Alumni for mentoring experience. This is a voluntary opportunity for the students to expand their network and contacts through Alumni. The Alumni Association would also help exchange information between academia, professionals, policy makers and the general public.

(ii) Career Network

Students of USMS get counseling on preparing for placement by alumni. Alumni make up a valuable network of professionals who share career advice with students and fellow alumni.

(iii) Event Support

Starting from participation in the orientation program of new students , Alumni has been supporting various events by way of sponsorships, suggesting panel members and participation in the events.

(v) Extension Activity

It aims to provide financial assistance to the poor and needy students. It would also provide advise to NGOs/Non-profitable organizations (NPOs).

These Alumni Associations of University Schools of Studies apart, the University has a **Central Alumni Committee** as an apex body with its distinct office. This Committee is headed by the Director-Students Welfare as Chairman and is comprised of all the coordinators of all the School level Alumni Associations and Six Final Year Students to be nominated as members by the Chairman. The **terms of reference** of this Apex Alumni Committee include the following :

- (i) On submission of the year-wise Alumni list from different Schools, the Central Alumni Committee will **develop a comprehensive data-base of the University's Alumni ;**
- (ii) The Committee shall be **responsible for Alumni Association Fund and its allocation to different Schools' Alumni Associations ;** and,
- (iii) It will also **plan for various alumni activities on the campus or outside, including opening of Chapters.**

See, please, **Annxe : XV of Part-I of the Re-Accreditation Report** for the full details of the Central Alumni Committee.

5.2.11 List the names of top 10 most renowned Alumni of the University along with their designation?

- (i) Mr. Puneet Ohri, Vice President , E-valueserve
- (ii) Mr. Divyanshu Srivastava, Sr. Manager, Price Water House Coopers (PWC)
- (iii) Mr. Vinay Nijhavan, Sr. Software Engineer, Headstrong
- (iv) Mr. Saikat Saha BI specialist at SDG Corporation
- (v) Mr. Prashant Gupta, Chief Pharmacy, SBU, Max Health Care
- (vi) Mr. Akash Deep Patpatia, Consultant Accenture
- (vii) Mr. Sumedh Kumar Sethi, Metropolitan Magistrate, Delhi Judicial Services
- (viii) Mr. Jai Thareja, Metropolitan Magistrate, Delhi Judicial Services
- (ix) Mr. Arun Kumar, Kellong Brown and Root, Gurgaon, Haryana
- (x) Ms. Ruchika Singla, Metropolitan Magistrate, Delhi Judicial Services

5.2.12 Are the alumni contributing to the development of the institution? If yes, Please specify how?

The Alumni of the University is contributing to the development of the University in numerous ways. Important among these are included :

- i) Helping the University in its perspective planning as part of the member of the Court.
- ii) Career Counselling and Guidance to the current students;
- iii) Arranging summer training and final placements whenever possible ;
- iv) Accepting our request to deliver lectures in order to provide practical exposure to the students; and,
- v) Facilitating the Industrial Tours planned by different University Schools of Studies.

Also, see, please, answer to question No. 5.2.10 above.

5.2.13 Does the institution have a grievance redressal cell? If yes, what are its functions?

In so far as the grievances of the students are concerned, the same are being taken care in the meetings of the Students Council.

Further, the University also has an Employees Grievance Redressal Committee comprising of the following :

- (i) One of the Senior Professor ;
- (ii) One Representative of the Teaching Staff ;
- (iii) One Representative of the Non-Teaching Staff ; and,
- (iv) One Representative from Reserved Category to be co-opted by the Committee on case to case basis on requirement.

The terms of reference of this Committee are as detailed hereunder :

- (1) The Committee will consider only personal grievances expressed by individuals and not any collective representations or any issues, activities etc.
- (2) The grievances may be related to individuals' issue of service matter or any discriminations at the place of work;
- (3) The Committee would be empowered to summon anybody or call for any related documents, witnesses to carry out their investigation or further inquiry into the matter;
- (4) The Committee may call the aggrieved person or any other person as may be necessary for enquiry into the matter;
- (5) The recommendations would be advisory in nature and would be submitted to the Competent Authority'
- (6) The Committee shall not handle gender harassment cases for which a separate University Complaint Committee has been constituted;
- (7) The Committee shall not handle any grievance pertaining to policies or rules or disciplinary proceedings.

For full details of the Employees Grievance Redressal Committee, see, please, **Annexe : XVII of Part-I of Re-Accreditation Report.**

5.2.14 List the Number of grievances redressed during the last two years.

A suggestive list of grievances/ suggestions (related to students) as have been addressed to by the University during the last two years is reproduced hereunder :

1. Hostel inmates in the North Campus (Kashmere Gate) have requested to make the hostel in the West Campus (Dwarka Campus) functional as soon as possible so that they save on the commuting time ;
2. In order to cater to the requirements of outside Delhi students in particular, there is a request to enhance the capacity, both in the girls and boys hostels ;
3. There is a demand by the students to create the common rooms facilities for boys and girls ;
4. Students Council should have representations of the elected students' members ;
5. Research Scholars have requested for increase in the number of online journals and access to the journals on their terminals in the hostel room / home.

5.2.15 Is there a provision for welfare schemes for students? If yes, specify.

Office of the Director, Students Welfare functions as Nodal Centre to promote cooperation and fellowships among students and coordinates different activities for the welfare of the students. The Director, Students Welfare is of the rank of a Professor of University possessing rich academic experience and deep understanding of the day to

day academic problems and common issues related to the students. He formulates and implements appropriate measures aimed at welfare of the students.

5.2.16 What were the specific measures initiated by the institution to enhance the quality of education with reference to student support and progression?

Over and above the measures highlighted in the earlier Self-Study Report, the quality of education is being enhanced by arranging lectures by professionals, quizzes, paper reading and essay writing competitions, scientific expositions and various cultural activities that are organized from time to time to provide opportunities to the students to hone their hidden talent. The office of the Director, Students Welfare coordinates with various schools and affiliated institutes of the University and organizes activities conducive to the promotion of healthy competition among the students. Besides this, students belonging to the poor families are also given financial help. In order to give further exposure to the students, cultural and academic activities are organized for the students outside the campus and arrangements are made to grant travel concessions to them. In order to provide an avenue to the students to express their creative urge and express opinions on various issues, the University brings out an Annual Magazine titled, '*Adamyā.*'

5.2.17 Is there a cell to prevent Sexual Harassment? How effective is the cell?

The University has an effective University Complaint Committee (UCC) to deal with the subject of prevention of sexual harassment. There is a distinct Ordinance also on the subject of prevention of sexual harassment which was annexed with the **Part-III of the Self Study Report : Appendices** submitted by us for accreditation to NAAC in 2006.

5.2.18 What are the efforts to provide legal literacy to women?

The task of providing legal literacy to women is solely taken care of by the University School of Law and Legal Studies. It's efforts in this direction have indeed been multi-facet. Aside inclusion of several exclusive subjects related in the curricula of 5 Year BA,LL.B.(H), BBA, LL.B.(H), LL.M., LL.M. in Cyber Crimes and Criminal Law, and LL.M. in Industrial and Intellectual Property Law, it has directly helped out dozens of women in resolving their problems through Lok Adalats, the door of its Legal Aid Cell always remains open for counselling to the women free of cost and it has been organizing short duration (half day or one day) training programmes for the exclusive benefit of women from time to time on such subjects as 'Divorce & Survival Allowance', 'Property Right', 'Harassment by Husbands', Sexual Abuse, etc.

5.3 STUDENT ACTIVITIES

5.3.1 What are the incentives given to students who are proficient in sports?

Free coaching facilities, Liberal Traveling and Pocket Allowances are provided to the students to participate in sports activities of their choice/ in which they have attained proficiency. Availability of funds has never been a constraint for the purpose. The University proposes to multiply its efforts on this score, which among other schemes also include the proposal to appoint a versatile Director, Physical Education.

5.3.2 Give details of the participation of the students in sports and the outcome, at the state, regional, national and international levels, during the last five years?

The details of the participation of the students in sports activities during the last five years are detailed hereunder :

Sr. No.	Year	Inter College Annual Sports Meet [Number of Participants]	Achievements of Students
1.	2007-08	5000	The University has participated in North Zone Football Championship which is held in Mahilpur, Punjab.
2.	2008-09	6000	<p>i) The University has participated in All India Basketball Championship both for boys & girls which is held in Amritsar, Punjab</p> <p>ii) The University has attended the adventure tour (33 students with 2 officials) which is organized by Delhi Tourism Development Corporation (DTDC).</p>

3.	2009-10	6000	The University has participated in All India Cross Country Championship which is organized by MD University, Rohtak.
4.	2010-11	6500	The University has participated in Fencing Competition which is organized by Punjab University, Chandigarh
5.	2011-12	7000 More than (likely to participate)	Sports Meet will be conducted between 11 th and 13 th November, 2011.

5.3.3 How does the institution collect feedback from students for improving the support services?

The system introduced during the first academic session of this University, namely, 1999-2000, of collecting feedback from the students in respect to the desired level of support services is working quite effectively and the students seems to be very satisfied with the present level of support services, although the University always remains in search of the areas where 'support' could be further augmented.

5.3.4 Does the institution collect feedback from employers? If yes, how is the feedback used? Illustrate the outcome.

Without reiterating the entire details as mentioned in the earlier Self-Study Report, it should be suffice to mention that apart getting feedback in the pre-designed format from the employers at the time of "Summer Training Report/ Internship Report", this is further supplemented when corporates or any eminent professional where the students of this University have been employed earlier are invited for Guest Lectures/ participation in any Conferences/ Seminars/ Workshops for attending any meeting of a Committee / Board.

5.3.5 Furnish information regarding the participation of students in extra curricular activities and recreational activities?

The University encourages extra-curricular and recreational activities outside the class rooms that enrich cultural, physical and social life of the students. A series of such activities have been organized by the University as given hereunder :

1. Students' participation in hosting of the Commonwealth Games, 2010 in Delhi
2. 'Anugoonj' – The Annual Cultural Function of the University ;
3. Technical Festival such as 'Sanshalation', 'InfoXpression', 'Vishlation', 'Zenith', etc. organized by the different University Schools' Societies.
4. Participation in Editorial and Printing Process of the University Magazine – 'Adamy' and 'U Focus.'
5. Project 'Go-Green' under the aegis of Students in Free Enterprise (SIFE).
6. Students participation in *Youthportal.in* – Delhi's Youth Brigade Programme aimed at social change through Internet.
7. UDGAAR - Indraprastha Society for Creative Expressions.
8. Paper presentation contest on Judicial Reforms.
9. Participation in STETSON International Moot Court Competition.
10. International Industrial Tour to Malaysia and Singapore by the Students of University School of Management Studies.
11. Entrepreneurship Development Workshop in collaboration with NSTEDB, New Delhi and EDI, Amhedabad.
12. Diwali Festival alongwith a *Rangoli* competition.
13. Video coverage of the Annual Sports Meet and University Convocations by the Students of University School of Mass Communication.
14. SAE NIS EFFICYCLE' 2010 - an exposition about eco-friendly vehicles in India.

15. Blood Donation Camps.
16. Cultural Programme by SPICE Mecay.
17. Inter-College Annual Sports Meet.
18. Flag hosting on Republic Day and Independence Day.
19. GGSIPU's Own Film Festival
20. Teachers' Day Celebration
21. Kavi Gosthi on Hindi Divas
22. Educational Excursions.
23. Production of Short-films, namely, "Aapod" (Bengali) and "Insaan Ki Hatya" and documentaries, namely, "Bada Parda" and "Garbage to Garden."
24. Mathematics Quizzes
25. Annual Technical Festival of IEEE Branch - NEUROTRIX

5.4 BEST PRACTICES IN STUDENT SUPPORT AND PROGRESSION

5.4.1 Describe the Best practices in student support and progression practiced by the college in terms of student progression / student support / activities

Apart from introducing innovative academic programmes in the emerging areas of professional education, the University is also committed to focus on '**support services for the students**' to facilitate their career progression both vertically and horizontally, aside all-round development of their personality to face the challenges of Next Orbit.

The best practices of the University as related to this operational area are as thus :

(1) Ensuring Equity and increasing access to higher education through the schemes of Merit Scholarships and full or Partial Freeships ; (2) Transparency in defining the '**domicile criteria at the time of admission**' ; (3) Encouraging students to develop a global approach in relation to international trends by organizing conferences/ seminars/ workshops ; (4) Inculcating value systems by organizing events such as blood donation camps, tree plantation, participation in activities organized for promotion of any social cause, etc ; (5) Orientation Programmes for the First Year Students for acclimatizing them in respect to University's culture and discipline ; and, (6) Arranging Lectures on different topics relating to scientific and technical developments, social and ecological awareness, gender equality, women empowerment through 'Indraprastha Colloquium' ; (7) The University has a comprehensive '**Website**' for dissemination of information to the students and parents including the examination results ; (8) '**Business Skills Development**' through the Entrepreneurship Development Cell ; (9) Establishing of '**Indraprastha University Industry Interaction Cell**' for establishing effective linkages with the industries ; (10) Creation of a '**Centralized Counselling Cell**' in the University for providing personal counselling to the weak students for developing their self confidence and resolving their psychological problems, if any ; (11) Creation of a '**Central Career Guidance and Placement Cell**' for facilitating the final placement of the students belonging to both USS and affiliated institutions ; see, please, Annexe : XIV of the Part-I of Re-Accreditation Report for the full details of its

composition and terms of reference ; (12) Constitution of a **'Central Alumni Committee'** for strengthening the efforts of Alumni Associations found operational at the level of different University Schools of Studies ; (13) Summer Internship of students, live projects by the students and industrial visits are organized frequently ; (14) **'Formal Teachers Evaluation System'** by the students to improve the quality of teaching-learning process; (15) System of providing the **'academic calendar'** which contains the entire academic schedule along with the schedule for extra curricular and recreational activities ; and, (16) **'Language Lab'** for imparting training to students in **'communication and soft skills.'**

ANSWER TO QUESTIONS MEANT FOR RE-ACCREDITATION:

- 1. What were the evaluative observations made under Student Support and Progression in the previous assessment report and how have they been acted upon?**

The evaluative observations alongside the action taken under the **Criterion : Student Support and Progression** are detailed hereunder :

Sr.	Observation	Action Taken
1	Registered IP University Alumni Association	While the respective University Schools of Studies have registered their Alumni Associations with clear outlines of programmes to be undertaken, the Central Alumni Committee, as an apex body to consolidate and strengthen the efforts of former.

2.	Time-bound activities for building brand-equity	The Academic Calendar for each session is being made more and more comprehensive so as to include all activities of the University and its University Schools of Studies.
3.	Centralized Career Guidance and Placement Cell of the University	The Central Career Guidance and Placement Cell has been established in the University.
4.	Establishment of a University's Centralized Counselling Cell.	It has been established with a trained Counselor.
5.	Stronger University-Industry collaboration with a centralized University-Industry Interaction Centre with an IPR Cell	Those have been established.
6.	Formal agreements/ MoUs finalized with foreign and India Universities/ Institutions for students mobility and training	It has been complied with ; however, it's process shall ever remain open.
7.	Sports infrastructure of the University should be further expanded and strengthened.	Infrastructure for sports at its Main Campus is quite huge.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Student Support and Progression?

- The University has taken **conscious and continual efforts for skills development of students** by offering a range of remedial /specialized courses apart from identifying the interdisciplinary electives to be offered to the students. This will help them in extending their academic horizon.
- The University has signed a number of **MoUs with international / national educational Institutions of Higher Learning.**
- In addition, **international industrial tours** are being planned for organized the students. The first such international educational visit to Malaysia and Singapore was organized by University School of Management Studies.
- **Foreign students visit to the University** is another step towards offering global orientation to our students. A delegation comprising of 11 students and **Vice Rector Prof. Elena Horska from Slovak University of Agriculture, Nitra, Republic of Slovak** visited our University under the aegis of the **Students Exchange Programme** from January 4-19, 2011.
- **Representatives from the Foreign Universities** such as Missouri University of Science and Technology, USA ; University of Manitoba, Canada ; and Stenden University, Netherlands, visited our University for research collaboration and interacted with the students and faculty of various University Schools of Studies.

The efforts of the University in this direction continues to be multiplied in subsequent periods.

XXX

X

**CRITERION VI :
GOVERNANCE AND LEADERSHIP**

CRITERION VI: GOVERNANCE AND LEADERSHIP

6.1 Institutional Vision and Leadership

6.1.1 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future etc.?

The Mission Statement of the University is : ***"Guru Gobind Singh Indraprastha University shall strive hard to provide a market oriented professional education to the student community of the India in general and of Delhi in particular, with a view to serving the cause of higher education as well as to meet the needs of the Indian Industries by promoting establishment of colleges and School of Studies as centers of excellence in emerging areas of education with focus on professional education in disciplines of engineering, technology, medicine, education, pharmacy, nursing, law etc"***.

The above statement clearly envisages the University's commitment to serve the society and the students in terms of meeting their needs. The University has extended its support by way of setting up of Schools of Studies in emerging disciplines with a focus on engineering, technology, medicine, education, pharmacy, nursing, law, etc. University's conviction for absorbing global trends in higher education, ICT integration and promotion of national development is also evident in the aforesaid mission statement.

It is for the sake of promotion of Indianized traditions and value orientations in this University that the Hon'ble Chancellor announced on the University's Eighth Convocation held on December 1, 2011 that an inauguration of '**Centre for the Study and Propagation of Human Values**' shall take place on *Baisaki Day* of the year 2012. In near future the University further proposes to establish Centre of Excellence in Disaster Management, Urban Planning and Design, Genome Studies, Nano Science and Technology and Pharmaceutical Studies.

6.1.2 What are the goals and objectives of the institution? How are they made known to the various stakeholders?

The aims and guiding values of the University are as mentioned hereunder :

AIMS

- To be a role model University in professional education.
- To pursue high quality research in niche areas of strength.
- To be sensitive and responsive to the regional, national and societal needs.
- To strive hard to be an epitome of perfection.

GUIDING VALUES

- Innovation
- Transparency in thoughts and actions
- Experimentation with newer ideas
- Relevance
- Accountability

The aims and the guiding values of the University are made known to the stakeholders by mentioning them in the University's Admission Brochures, Placements Brochures of the various University Schools of Studies, Vision Document released in 2002 and uploading the same on the University's Website (www.ipu.ac.in).

6.1.3 Does the institution have a mission statement and goals reflecting quality? If yes, give details.

It can be seen from the Statement of Mission of the University, Aims and Guiding Value that the University is committed to the philosophy of '**total quality management**' which has been translated into the Quality Policy Statement of the University as reproduced below :

"Guru Gobind Singh Indraprastha University is committed to providing professional education with thrust on creativity, innovation, continuous change and motivating environment for knowledge creation and dissemination through its effective Quality Management System."

6.1.4 What measures has the institution taken to translate quality to its various administrative and academic units?

The University has adopted the system of ISO 9001 : 2008 Certification (In 2007, it was ISO 9001 : 2000) from the STQC Directorate, Ministry of IT and Communication, Govt. of India and accordingly after meeting the requirements of their manual on ISO 9001 : 2008, as laid down for implementing the quality management system in the University (both in University Schools of Studies and its Supportive Administrative Units), it has been awarded the ISO 9001 : 2008 Certification; as per the STQC Directorate, it is an **Internationally Recognized Certification**. The University's **Quality Manual** and **Procedure Manual** have been made available in the Offices of all the Deans of University Schools of Studies and Heads of Supportive Administrative Units so that they can align their processes accordingly for achieving the quality goals of the University. Further, the University has established **Indraprastha University Internal**

Quality Assurance Cell (IIQAC) effective from January 1, 2011 as a Statutory Body in order to facilitate overall quality upgradation in its entire gamut of operational units.

6.1.5 What are the leadership functions of the Head of the Institution? How is the leadership system established in the university?

The vital functions of the Vice-Chancellor alongside the ways the leadership is established **were quite precisely described in the Part-II of the earlier Self-Study Report.** While the process of execution of the functions already mentioned continues, **the efforts for building up of a global brand of the University's products have been accelerated.**

6.1.6 Is the faculty involved in decision-making? If yes, how?

The University has taken several new initiatives for involving the faculty members in the decision making process. Important among these include the introduction of Faculty Appraisal and Development System (FADS) which provides them the autonomy in planning their academic activities. In most of the decision making bodies in the University such as Court, Board of Management and Academic Council, faculty representatives are nominated as members. The faculty council in different University Schools of Studies regularly meets and deliberates on issues of significance such as curriculum review and updation, need for introduction of new academic programmes, thrust areas of research and extension activities, etc. The Deans of the respective Schools of Studies provide such inputs to the competent authorities of the University for further necessary action in order to facilitate their actual implementation.

6.2 ORGANIZATIONAL ARRANGEMENTS

6.2.1 Give the organizational structure and the details of the statutory bodies?

The Organizational Structure of the University may kindly be seen in **Appendix : XVII of Part-III of the Re-Accreditation Report :Appendices.**

The **Statutory Bodies** of the University include the following :

1. Court
2. Board of Management
3. Planning Board
4. Finance Committee
5. Academic Council
6. Board of Affiliation

And, the current composition of these statutory bodies may be perused in **Appendix : XVIII of Part-III of the Re-Accreditation Report : Appendices.**

6.2.2 Give details of the meetings held, the decisions made, regarding finance, infrastructure, faculty, academic research, extension, linkages and examinations held during the last year.

A. DETAILS OF THE MEETINGS HELD OF DIFFERENT STATUTORY BODIES

COURT:

S. No.	Meetings	Date
01	5 th Meeting	18.06.2010
02	6 th Meeting	13.12.2011

BOARD OF MANAGEMENT:

S. No.	Meetings	Date
01	42 nd Meeting	25.02.2010
02	43 rd Meeting	06.08.2010
03	44 th Meeting	03.09.2010
04	45 th Meeting	11.02.2011
05	46 th Meeting	18.05.2011
06	47 th Meeting	05.07.2011
07	48 th Meeting	29.11.2011

PLANING BOARD:

S. No.	Meetings	Date
01	11 th Meeting	09.02.2009

ACADEMIC COUNCIL:

S. No.	Meetings	Date
01	29 th Meeting	29.10.2010
02	30 th Meeting	29.10.2010

FINANCE COMMITTEE:

S. No.	Meetings	Date
01	27 th Meeting	12.07.2010
02	28 th Meeting	07.01.2011
03	29 th Meeting	04.02.2011
04	30 th Meeting	24.06.2011
05	31 st Meeting	12.10.2011

BOARD OF AFFILIATION:

S. No.	Meetings	Date
01	43 rd Meeting	17.02.2010
02	44 th Meeting	20.05.2010
03	45 th Meeting	20.07.2010
04	46 th Meeting	18.08.2010
05	47 th Meeting	24.09.2010
06	48 th Meeting	18.01.2011
07	49 th Meeting	25.05.2011
08	50 th Meeting	02.08.2011
09	51 st Meeting	13.09.2011
10	52 nd Meeting	23.11.2011

B. VITAL DECISIONS TAKEN

The vital decisions taken by the different Statutory Bodies in their meetings (held between 2010 and 2011) in respect to functioning, infrastructure, faculty, academic research, extension, linkages and examinations are summarized below :

1. COURT

FIFTH MEETING OF THE 'COURT' HELD ON 16TH JUNE, 2010

- 1. PRESENTATION BY THE VICE-CHANCELLOR ON THE UNIVERSITY** - The Vice-Chancellor **broadly divided his presentation into three parts, namely, Present Status of the University, SWOT Analysis and, Strategic Plan for the Future.**

In part one of his presentation, he broadly covered **the establishment** of the University, starting of **its first academic session, its explicit objectives** of facilitating and promoting studies, research and extension work in emerging areas of higher education with focus on professional education; **Campuses** (West Campus at Dwarka and its unique features and the proposed plans for East Campus) ; **Recognitions** earned by the University during the short period of eleven academic sessions; Quality Policy; **University Schools of Studies/Maintained Schools of Studies/Institute/Specialized Centre** – annual intake, enrollment and programmes run in these centres; **board features of the "Affiliation"** including the total number of Affiliated Institutions, intake, enrollment and academic programmes conducted therein ; **academic programmes introduced/ being introduced in 2009-10/2010-11** ; Mode of Admissions and popularity of different academic programmes ; different **Statutory Bodies** and the average status of their meetings ; **Finances** ; Vital features of the **University Information Resource Centre (URIC)**; Publications of the

University; Involvement of Students in other curricular activities ; Distinctive Operational and other accomplishments.

The part two of the presentation was focused on the University's **SWOT Analysis' – Strengths, Weaknesses, Opportunities and Threats.** The **Strategic Roadmap** constituted the last part of the Presentation. In this, the Vice-Chancellor covered the main **features of doctoral research and reforms affected in the Doctoral Ordinance** ; Growth in the registered number of Ph.D. Scholars ; **facilities created for the faculty/Other Scholars for pursuing quality research and steps taken for internationalization of University. International Collaborations** recently finalized/placed in the pipeline were further highlighted in this part.

As the Vice-Chancellor proceeded ahead with his presentation covering the aforesaid aspects, the Hon'ble Chancellor and other worthy members of the Court made several observations/valuable suggestions both in between and at the end of it. These observations/valuable suggestions are summarized hereunder:

SUMMARY OF OBSERVATIONS/VALUED SUGGESTIONS :

HON'BLE LT. GOVERNOR OF GOVT. OF NCT OF DELHI/CHANCELLOR OF THE UNIVERSITY :

In respect to '**affiliation' and de-affiliations'** the Hon'ble Chancellor observed that : the University should be quite stringent while granting its affiliation to any institute/college ; it should have relocation powers while de-affiliating any institute and for the purpose it may arm itself with necessary powers to shift students of a de-affiliated college to another institute which the receiving institute should not be in a position to refuse ; in the case of courses requiring clearance from any statutory body, the University may have open discussion with the concerned body; members of the Court may also be invited to visit a College/Institute desirous of seeking affiliation, in order to provide independent feedback; and, **under no circumstances, sub-standard college/institute be granted affiliation in order to**

avoid any dilution of standards of academic excellence targeted by the University.

While applauding the overall Governance of the University, the Hon'ble Chancellor categorically desired that the "**Court**" should meet at least once in a year. There could be **special meeting of the Court** also, covering specific agenda such as **Academic Plan/s of specific University School/s of Study/ies.**

With reference to the activities of the University Information Resource Centre (UIRC) **Hon'ble Chancellor desired** that the information be also collected about **the actual use of Library by both the students and the faculty.** As regards **Approved Research Centres,** it was **suggested that the faculty members of the University be also associated with the research scholars of the various Research Centres.**

The SWOT Analysis, as presented by the Vice-Chancellor, was of great interest to all the members of the Court, in general, and to the Hon'ble Chancellor, in particular. Hon'ble Chancellor wanted to know the University's plans and proposed measures for the removal of the weaknesses. The Vice-Chancellor remarked that for the removal of weaknesses, two pronged strategies are being adopted **(i) Promote large number of research scholars with appropriate checks and balances for the quality research output and enhance research profiles of the faculty members. (ii) Promote international collaborations so that faculty members get to work with reputed faculty members of the world and develop a good research culture in the University.** This would also require financial investment by the University.

On the basis of making an in-depth analysis of the presented 'SWOT Analysis', the Hon'ble Chancellor gave the following suggestions:

- (i) **Senior Faculty** may be recruited in larger numbers and for that purpose, a mechanism for attracting highly rated faculty members may be put in place;
- (ii) **Independent Competency Assessment** be got conducted for the **entire teaching and senior**

- management/Administrative staff** and while carrying out this exercise the members of the Court may also be involved ; **TATA Group's Business Excellence Model** be followed for evaluating the performance of any specific department by adoption of inter-departmental mode of scrutiny ;
- (iii) The possibility of **appointing the faculty on the basis of tenure system be examined;**
 - (iv) **Eminent faculty** of national and international repute **be invited from other institutions of global repute;**
 - (v) Quality Upgradation Module for effective teaching & research and Standard Operating Procedure (SOP) for various activities of the University be developed;
 - (vi) The practice of star rating of affiliated colleges according to their merit and capacity be devised;
 - (vii) Advice of Court Members be taken while **selecting subject / Topics for Ph.D. research scholars;**
 - (viii) **Online Academic Programmes be considered for introduction only after assessing genuine demand and receiving specific approval of the Court of the University and thereof making meticulous preparations and putting up effective monitoring system;**
 - (ix) New academic programmes such as **Hospital Management** be introduced alongside creation of a separate **'Centre for Urban Studies and Management.'**

Finally, the Hon'ble Chancellor advised that **A Detailed 'Paper' on Action Plan** be prepared and be presented to the Court covering the various suggestions made at this Meeting.

Prof. Pritam Singh, Former Director, Indian Institute of Management, Lucknow and Management Development Institute, Gurgaon made quite important suggestions which included the following:

- (a) For improving the performance of different University Schools of Studies, there should be a **'Governing Body'** and an **'Advisory Body'** for each University Schools of Studies and in these Bodies, there should be an adequate representation not only of the eminent academia but also of the corporates;
- (b) A **'Centre for Human Values and Ethics'** be created in the University; A concept paper may be prepared by a Committee to be constituted by the Vice Chancellor;
- (c) A **'Committee for GGS Indraprastha University in the Next Orbit'** be constituted by the University wherein globally renowned academicians, corporates and administrators be included and the **'Blue-Print of University for the Next Orbit'** as prepared by this Committee be presented to a specially scheduled meeting of the Court; **'School-wise Plans for Next Orbit'** be presented before the Committee for GGS Indraprastha University in the next orbit; Vice Chancellor may constitute a committee to that effect.
- (d) **Ph.D. research be encouraged with appropriate incentive schemes and be made more rigorous;**
- (e) **Scholars in residence should be put in place. This will not only enhance quality of teaching but also help in making Ph.D. programmes more effective;**
- (f) University should take effective and **proactive steps to have international students on its Campus, specially from SAARC, Commonwealth and West Asian Countries** and for this different academic promotional activities should be initiated and if need be appropriate funds may be earmarked.
- (g) **International collaboration for research, faculty and students' exchange should be**

promoted more rigorously by the University and University should allocate funds for the same.

- (h) For getting senior level faculty members, faculty members from other reputed institution/organization who are about to retire may be motivated with additional incentives so that they can take voluntary retirement and join GGSIP University.

Prof. P.S. Grover, Director General, Guru Tegh Bahadur Institute of Technology, Delhi offered very relevant observations and vital suggestions which included the following:

- (a) A '**Course on Ethics and Morals**' be introduced in all academic programmes, in general, and those related to Engineering and Technology, in particular ;
- (b) **Computerization of all vital activities and resources** be carried out for all colleges/institutes affiliated to this University;
- (c) The University should **encourage the students and faculty of all the affiliated colleges to participate in international events.**

Sh. Abid Hussain, IAS (Retd.), Former Ambassador of India to USA offered valuable suggestions for improving the functioning of this university; these included the following:

- (a) We should **foster pluralism** not only in the recruitment of students and faculty from other states but also from other countries;
- (b) The curriculums of different **academic programmes should cover the basic knowledge and awareness about the history, geography, economy, culture and literature of the country including ethics and morality;**
- (c) Steps should be initiated to **encourage 'Primary Research'** by both the faculty and scholars ;
- (d) The **methodology of teaching** should be so designed that the basic ingredients of '**GURU-SHISHYA PARAMPARA**' are taken care of; and,
- (e) There should be a '**Centre for Innovation**' in the University to encourage the development and introduction of Innovative

Academic Programmes, Curriculums, Research, Patents, Extension Activities etc.

Prof. K. N. Pathak, Former Vice Chancellor, Punjab University, Chandigarh also offered notable suggestions. He emphasized that all the students should have fundamental knowledge about **Basic Sciences**, in general, and **Biological Sciences**, in particular. **The inter-face with the industry should be placed on should and strong footing – it should be so designed and executed that it may force the people concerned to create a 'quality system' form all conceivable angles.**

2. Nomination of the members by the Court as per clause(v) & (x) of the Statue 29 of GGSIP University Act.

(i) As proposed by the Hon'ble Chancellor in consultation with the Govt. of NCT of Delhi in terms of the requirements of clause (x) of Statue 29 of GGSIP University Act the **Court co-opted the nomination of the following five eminent academicians/professionals for the stipulated tenure of three years:**

- (1) Prof. S.K. Khanna, Former Director, IIT, Roorkee & Former Chairman, AICTE & Vice Chairman, UGC
- (2) Sh. Sushil Tripathi, Former Secretary, Ministry of HRD
- (3) Sh. T.N. Kappor, Ex-Vice Chancellor, Punjab University
- (4) Dr. Rita Sharma, Secretary, Rural Development, Govt of India
- (5) Dr. R.C. Bhargava, Former CMD, Maruti Udyog Limited

3. The Court further resolved to approve the name of **Mr. Arun Anand, Kellong Brown and Root, Gurgaon (Mob. 9911682607) an Alumni of the University School of Chemical Technology (2005 Batch) as per the requirement of Clause (v) of Statue 29 of GSSIP University Act.**

4. Any other item with the permission of the Chair

Among any other Items, the Principal Secretary to the Chancellor-raised the issue of **creation of Pension Fund**. The Vice-Chancellor requested guidance relating to the grant of pension to the University's employees – teaching and non-teaching who had been appointed/had joined the University prior to 01.01.2004, i.e. the date on which the new pension scheme became applicable. **The Vice-Chancellor mentioned that there is no provision for the grant of pension scheme**

to those employees who has joined prior to 01.01.2004 although in some of the appointment letters – services have been mentioned as pensionable with the benefit of GPF and Gratuity etc.

It was brought to the notice of the Chair that a section of teachers and non-teaching employees have submitted a large number of representations requesting for the grant of pension and other benefits thereto. However, University has not taken any decision so far to that effect. Initially GPF subscription was deducted from the Salaries of the employees and GPF was maintained by the University. However, this was changed subsequently to CPF and while doing so, the consent of the employees for the change from GPF Account to CPF Account was not taken till date and at any stage of time. Hence, **Vice-Chancellor requested that all the employees who are entitled for grant of pension may be considered.**

On this, the Hon'ble Chancellor concurred that this is a genuine demand and, hence, let the University create a 'Pension Fund' and those who are entitled for it be allowed pension from this Fund.

The members of the Court unanimously agreed to the proposal to give pensionary benefits to all those entitled employees of the University who had joined service prior to 01 January 2004 on regular basis, as per the terms of their appointment letter.

The Hon'ble Chancellor thereafter asked the University to complete all formalities at the earliest to resolve the issue.

SIXTH MEETING OF THE COURT HELD ON 13.12.2011

1. The Hon'ble Chancellor announced that in the University a "**Centre for the Study and Propagation of Human Values**" will be inaugurated on the Day of *Baisaki* during the new year 2012.
2. The University further proposes to establish Centres of Excellence in near future in Disaster Management, Urban Planning and Design, Genome Studies, Nano Science and Technology, Pharmaceutical Studies, etc.
3. The Court suggested the **Action Plan Of The University For Its Future Development**. The prominent features of this plan are as mentioned below:

A. IMPARTING QUALITY EDUCATION AND PROMOTING RESEARCH ACTIVITIES OF SOCIETAL IMPORTANCE.

- (i) Providing a common platform to all the University Schools, Maintained Colleges, Centers of Excellence, Approved Research Centers & Affiliated Institutions wherein joint academic activities can be carried out for capacity building.
- (ii) Ensuring placement and employability.
- (iii) Strengthening University's financial foundation in terms of funded research projects.
- (iv) Improving efficiency & effectiveness by streamlining operations.
- (v) Encouraging Participation of students for attending International Courses based on Credit Transfer aside attending conferences, workshops, seminars of national and international repute.

B. TRAINING & PLACEMENT OF STUDENTS.

- (i) Assisting in the proper placement of students taking into consideration feed-back from the Alumni and finding suitable opportunities.
- (ii) Counselling of students for enhancement of future career prospects and attitudinal changes.
- (iii) Promoting personality building activities including presentations, workshops, conferences, talks by students, group discussions with specific focus on aspects of job seeking.

C. TRAINING OF STAFF INCLUDING BOTH TEACHING AND NON-TEACHING MEMBERS.

- (i) Training of staff (teaching & non-teaching) to make them conversant in the latest Information and Communication (ICT) Technology and develop managerial skills required for routine practices and procedures.
- (ii) Advancing integrated efforts to improve human resource management for staff, review of organizational structures and upgradation of operations.
- (iii) Promoting cross disciplinary intellectual curiosity across different academic and administrative fields.
- (iv) Supporting Career Development Schemes/ programmes and arranging workshops, seminars and colloquium for better understanding and awareness.

D. ADMINISTRATIVE REFORMS

- (i) Streamlining the systems and procedures and ensuring correct interpretation of the established rules, regulations and norms of the statutory bodies/ Govt. of India.
- (ii) Creating an attractive environment that ensures competitiveness.
- (iii) Strengthening Linkages & Communications between various Offices/Schools of the University.
- (iv) Making the activities of the offices more transparent through appropriate information procedure.
- (v) Providing adequate infrastructure to the Schools/Branches so as to strengthen their functioning.

E. REVITALIZATION OF EDUCATION & RESEARCH AS PER SOCIAL/CORPORATE DEMANDS AND THE CHANGING GLOBAL SCENARIO.

- (i) The University Schools will coordinate the Education and Research activities at the affiliated institutions, Maintained Colleges, Approved Research Centers and Centers of Excellence.
- (ii) Enhancing Collaboration with other agencies of repute for quality research.
- (iii) Extending support for obtaining outside funds in the form of scholarships, awards, grants, sponsorships, consultancy, etc. ,
- (iv) Promoting Sponsored Research Projects.
- (v) Promoting cross disciplinary intellectual curiosity across different academic fields.
- (vi) Promote interaction with the industry and corporate organizations.

F. ENSURE STUDENTS QUALITY AND GIVE AWARDS/ GOLD MEDALS TO STUDENTS DEMONSTRATING SUPERIOR ACADEMIC PERFORMANCE.

- (vii) Improvising the course curriculum that embodies the structuring of knowledge.
- (viii) Fundamentally improving the success rate of students earning doctorate and enhancing doctoral course education.
- (ix) Creating an educational system for interdisciplinary fields and boosting the multidisciplinary approach.
- (x) Promoting relevant activities for obtaining outside funds and scholarships from various agencies.
- (xi) Institution of Chairs for award of scholarships, grants and award of gold medals to toppers and students showing exemplary performance.
- (xii) Allocation of funds for meritorious students belonging to economically weaker Sections.

G. IMPROVEMENT OF CAMPUS LIFE.

- (i) Improvement of facilities and creation of rules governing their usage for better co-existence and cooperative system.
- (ii) Upgrading facilities and equipments appropriate for state of the art University.
- (iii) Establishment of a campus that nurtures a rich learning and research environment.
- (iv) Optimization of the use of available space.
- (v) Introducing the cost effective managerial perspective.

H. FINANCES AND ESTABLISHMENT OF BUDGETARY SUPPORTS WITH DIVERSITY AND COMPREHENSIVENESS.

- (i) Establishing a financial model that facilities the development of diverse, comprehensive and self-directed education and research.
- (ii) Creating rules for the effective use of allocation funds.
- (iii) Communicating with the Schools /Supportive Branches in respect to the ways and merits of improving efficiency.

I. ORGANIZATIONAL ADMINISTRATION

- (i) Promoting a model on the basis of autonomy, decentralization and cooperation.
- (ii) Sharing information and problems while reviewing and improving the contents of procedures and processes.
- (iii) Enhancing the availability of shared intra-University information.
- (iv) Improving the in Internal Website of the University.

- (v) Arrangements for get-togethers and meets for better coordination and cooperation of all components of the University.

J. EXTRA CURRICULAR ACTIVITIES, SPORTS AND GAMES MEET AT THE UNIVERSITY.

- (i) Annual functions and annual sports meet for students.
 (ii) Annual functions and annual sports meet for employees.
 (iii) Constitution of associations for promotion of co-curricular activities for students and employees.
 (iv) Contests and competitions for students and employees separately and together.
4. The Court was apprised of the status of the shifting of the University to its newly constructed Main Campus located at Sector-16C, Dwarka, New Delhi including its best part, namely, carrying out of the entire shifting without no break in the working days and continuity of office routine, aside commencement of the academic session 2010-11 without loss of a single working day.
5. The Court was also apprised about the status of International Collaborations.
6. The Court was apprised that after the completion of Phase-I of Dwarka Campus, the University Works Division of the University proposes to take up the construction of remaining University Schools of Studies, Technology Park, Auditorium, additional Boys and Girls Hostels, Guest House, Indoor Sports Centre and Central Stores and Maintenance Cell in its Second Phase.

II BOARD OF MANAGEMENT

FORTY SECOND MEETING OF BOM HELD ON 25TH FEBRUARY, 2010

- 1. The Board noted the progress so far registered by the Academic Audit Cell of the University with great interest and members suggested several lines for further improving the *modus-operandi* of this Cell** which included refining of the parameters included for adjudging the academic standards of the institute/college, in general, and in respect of the quality of the faculty, in particular ; the parameter of M.Tech/M/Phil/Ph.D. degrees may be elaborated to include equivalent degrees/works.

It was also suggested that the Academic Audit Cell may consider devising the system of submission of its report to the Board in a Tabular Format so as to facilitate the ranking of the different Institutes, on the one hand, and infer conclusions in respect to the

impact of the efforts put in by the Society/Trust and the role of the students in improving the quality of education being imparted, on the other.

2. The Board approved the inclusions made in the Statute 33 concerning with the creation of **"Indraprastha Internal Quality Assurance Cell" (IIQAC)** in the University.
3. The Board appreciated the steps taken for the Air Conditioning of Faculty Rooms at Dwarka Campus along with grating of its approval for the proposed expenditure of Rs.1.34 Crores.
4. The Board approved the **funding of the following positions from out of the UGC's General Development Grant sanctioned under the Sub-Head "Staff" equivalent to Rs.181.50 Lakhs in the remaining two financial years of the XIth Plan Period, namely, 2010-11 and 2011-12 and empowered the Vice-Chancellor of the University to submit an undertaking along with the Utilization Certificate that these Positions shall continue to be funded from out of the University Budget after the expiry of the XI Plan:**

(Amount in Rupees Lakhs)

POSITION	UNIVERSITY SCHOOLS OF STUDIES	Tentative Expenditure	
		2010-11	2011-12
1-Professor	University School of Basic and Applied Sciences	12.00	12.00
1-Professor	University School of Chemical Technology	12.00	12.00
1-Professor	University School of Law and Legal Studies	12.00	12.00
1-Professor	University School of Management Studies	12.00	12.00
1-Associate Professor/Reader	University School of Humanities and Social Sciences	10.90	10.90
1-Associate Professor/Reader	University School of Management Studies	10.90	10.90
1-Associate Professor/Reader	University School of Chemical Technology	10.90	10.90
1-Associate Professor/Lecturer	University School of Management Studies	05.00	05.00
1-Associate Professor/Lecturer	University School of Biotechnology	05.00	05.00
	Sub Total	90.70	90.70
	Total	181.40	

5. The Board approved the recommendations of the Selection Committee in respect to the following Lecturers who were placed in the **Senior Scale** of Rs.10,000-325-15,200 w.e.f. the respective dates mentioned against each:

S.No.	Name of Faculty	Discipline/School	Date of Advancement as Lecturer (Sr. Scale) in the grade of Rs. 10,000-325-15,200
1.	Sh. Amit Sharma	Management, USMS	31.03.2007
2.	Sh. Balbir Sinfh Chawla	ECE, IGIT	30.07.2008
3.	Sh. Anuj Kumar Vaksha	Law, USL&LS	12.07.2008
4.	Dr. (Ms.) Shivani Goswami	Law, USL&LS	12.07.2008
5.	Dr. Bijwajit Sarkar	Chem. Tech. USCT	13.01.2009
6.	Ms. Snigdha Mahant	Chem. Tech. USCT	01.08.2008
7.	Ms. Kalpana Yadav	CSE, IGIT	03.05.2008
8.	Dr. (Ms.) Abha Aggarwal	Mathematics, USBAS	13.08.2008

The Board also approved the promotions of: (a) Anjana Gosain, Lecturer (Selection Grade) (Information Technology) to the post of Reader in the pay scale of Rs.12,000-420-18,300 with effect from 01.08.2007 ; and that of (b) Dr. Rashmi Bhardwaj to the post of Reader in the pay scale of Rs.12,000-420-18,300 w.e.f 22.06.2008.

- 6 The Board admired and approved the **University's initiative of establishing an Endowment Fund in the University with sponsorships from leading business houses of the country with an initial amount of Rs.5.00 Crores** by giving the School and Other Buildings 'a name' representing a specific corporate house like

Reliance, Tata, Birla, Jindal, etc. and that of '**corporate personality**' like N. Narayan Murthy of Infosys Technologies, Shiv Nadar of HCL technologies, Azim Prem Ji of Wipro, and Dhirubhai Ambani of Reliance, etc.

The Board also approved the proposal of establishing '**Endowed Professorship/s**' (may be titled as '**Chair/s**') in **different University Schools of Studies** by adding '**a name**' to the position in a recognizable format.

Further, the Board approved the constitution of a High Powered Committee under the Chairmanship of the Vice-Chancellor of the University for finalizing detailed proposal in respect to the above sponsorship – both for the University School Blocks constructed/likely to be constructed at the University's Campuses at Dwarka and Surajmal Vihar. The Board also empowered the Vice-Chancellor to accept the sponsorship in such cases where the corporate houses/corporate personalities may not be keen in allowing the use of their name/s.

7. The Board **considered and approved the creation of Welfare Funds** for the employees of the University to be funded in the following manner:

- i) Rs.5 lakhs to be contributed initially from the University fund towards the Corpus of the Welfare Fund.
- ii) An 1% levy may be charged on all payments made by the University from Examination Division.
- iii) An 1% of Honorarium/charges paid to the faculty members for weekend claims, projects, consultancy assistance etc. may be charged towards contribution in this fund.

Further, the Board empowered the Vice-Chancellor to constitute a Committee for finalizing the policies for the utilization of the welfare fund/s.

8. The Board approved the recommendations as approved by the Finance Committee in its 25th meeting held on 29th September, 2009 concerning with the **Additional Resource Mobilization for the University**. However, the Board resolved that the University's (Share) Charges may be increased by 25 per cent uniformly from the existing Rs.8,000/- to Rs.10,000/- in the case of all the academic programmes and affiliated institutes.

9. The Board approved the proposal for introducing the **Regulation Governing Management and Administration of Self-Financing Institutions/Colleges established by the Trusts/Societies belonging to the private sector in the light of Full Court Judgement given on 31.10.2002 by the Hon'ble Supreme Court of India in TMA Pai Foundation and Others Vs State of Karnataka and Others 2002 (8) Scale/Any Other relevant Judgement** concerning with this subject and empowered the Vice-Chancellor to constitute an internal committee for finalizing the same. The Board further empowered the Vice-Chancellor to accept its recommendations and implement the same from a specific date.
10. The Board **approved the proposal of granting of teaching designation/equated teaching designations for teaching cadre/specialists cadre in the in institutes, namely, VMMC & Safdarjang Hospital; PGIMER, Dr. Ram Manohar Lohia Hospital and Army College of Medical Sciences as per the proposed procedure.**

The Board further resolved that the Vice-chancellor may constitute a Committee comprising of the following to prepare a **'Working Paper'** on the basis of which necessary action/s could be initiated by the University **for registration of scholars for pursuing Ph.D. in the University's School of Medicine and Paramedical Health Sciences:**

1. Prof. H.K. Kar, Dean, University School of Medicine & Paramedical Sciences;
 2. Prof. A.K. Aggarwal, Dean, Maulana Azad Medical College, Bahadurshah Zafar Marg, New Delhi; and,
 3. Dr. N.K. Ganguly, Former Director General, Indian Council of Medical Research, Distinguished Biotechnology Fellow & Advisor Transnational Health Science & Technology Institute, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi-67.
11. The Board considered and **approved the payment of honorarium and conveyance charges to be paid to the Conveners of the Joint Assessment Committees** equivalent to the amount paid to the Coordinating Officers of the Academic Audit Cell from 2010 onwards.

This may be done to bring uniformity in the honorarium being paid for similar activity.

12. The Board considered and approved the proposal of revising the Clauses concerning with participation of teaching and non-teaching staff in politics and associating themselves with a political body/bodies/association, acceptance of gifts, contributions, marriages and penalties of the **University's Ordinance : 32 titled "Code of Professional Ethics, Discipline, Penalty & Appeal rules (Teaching Staff)"** and Ordinance 33 "Code of Conduct, Discipline, Penalty & Appeal Rules (Non-Teaching Staff)" as per Central Civil Services Conduct Rules prior to their Notifications in the Gazette and empowered the Vice-Chancellor of the University to replace the contents of these Clauses by the phrase, **"As per Central Civil Services Conduct Rules found in force."**

FORTY THIRD MEETING OF BOARD OF MANAGEMENT HELD ON 06TH AUGUST, 2010

1. The Board considered and approved the proposal (regarding the expenditure to be incurred on Networking and Internet Facility at Dwarka Campus) with following comments:
 - (a) That a simultaneous third party audit may be conducted for assessing the quality of work.
 - (b) That in case internet connection is an embedded part of proposal at 'a' (for which amount of Rs.5,04,30,014.00 is proposed) then, amount proposed at 'b' (Rs.13,85,750.00 + service tax on ILL) may not be utilized. Vice Chancellor may take a decision on this issue after getting the necessary information.
2. The Board considered & approved the proposal concerning with 'Pension' and resolved **that all employees of the University appointed on regular basis prior to 01.01.2004 will be entitled for pensionary benefits** except such employees where CPF scheme had been indicated in their letters of offer of appointment. If any dispute arises, Vice Chancellor is

authorized to resolve the same under the intimation to the BOM.

Board further resolved that such employees who joined the University on/or after 01.01.2004 from some other organization, through proper channel on regular basis; such employees can also be considered for pensionary benefits if they were appointed on regular basis prior to 01.01.2004 in their previous/parent organization. However, final decision in such cases will be taken on case-to-case basis by the University.

The Board further authorized the Vice Chancellor to initiate further necessary action in the matter including getting the financial requirement estimated through actuarial evaluation study by a competent professional/firm.

3. The Board considered and approved the grant of Study Leave to Sh. Sanjay Dhingra, Assistant Professor, USMS for 08 months commencing from the date of his actual relieving.
4. The Members of the Board appreciated the Vice Chancellor on bringing this agenda (filing up of Senior Teaching Posts in the University by attracting those Associate Professors/ Professors who are likely to retire/ superannuated and are below the age of 60 years) for deliberation of Board and further suggested that the Industry-University interaction and tie up with regard to utilization of Manpower for the benefit of both may be improved. This is an ultimate aim since **such tie ups may generate the interest of Industry in University's academic programmes, which will ultimately help in better placement of Students. This interaction will also help in fine-tuning the syllabi of University's courses for specific needs of the Industry.**

The Board considered and approved the proposal "that to mitigate the shortage of senior faculty members at the University, faculty members at the level of Professor/Associate Professors below the age of superannuation of the University, if selected on regular basis by following the rules of the University, **may be**

allowed to join on regular scale and if they are under receipt of any pension, as an incentive, may be ignored". Vice Chancellor is authorized for taking further necessary action.

5. The Board considered and approved the proposal for the grant of financial assistance / fee concession/ scholarship to the students belonging to economically weaker section.

FORTY FIFTH MEETING OF BOARD OF MANAGEMENT HELD ON 11TH FEBRUARY, 2011

- 1 The Vice-Chancellor apprised the Board that recently the University has been awarded an **International Award, namely, 'The Platinum Technology Award for Quality & Best Trade Name'** (A Unique Award for this Unique Innovative Millennium) by "Omac" – **Association Otherways Management & Consulting, Paris, France received in person by the Registrar, Dr. B.P. Joshi at Geneva, Switzerland on December, 20, 2010.** Showing the trophy to all members the Vice Chancellor apprised the Board Members that the university was endowed with Platinum Technology Award for Quality and Best Trade Name and a '**Golden Certificate**' with another '**Silver Certificate**' accrediting it with "**Total Quality Management, Aptitude Seal for High Quality Performance and Best Customer Satisfaction**" during a ceremony with representatives from 52 countries.
- 2 The Board approved the proposed amendment regarding migration of students pointing out that it is quite fair to tighten the loose ends of the regulations in order to maintain the academic standards in the University Schools and its colleges/institutes.
- 3 The Board approved the sub clause 6 of Statue 3(b) in the light of UGC regulations notified vide its letter No. F.3-1/2009 dated 30.06.2010.

The Board further approved the clause 8, 9, 10, 11 & 16 of Statue 31 (relating to terms and conditions of appointment of teachers in order to have parity with rules and regulations applicable from time to time on Central Universities of the country) with an observation that the

University may formulate an Ordinance for routine matters which have been a part of the Statue. These may be subject to change from time to time being governed by MHRD, Govt. of India or other national statutory bodies like UGC, AICTE or any other Council. **Moreover the university must ensure maintenance of academic excellence required for conduct of technical/professional education and evolve its own methods/parameters for the same.**

Regarding the proposal of superannuation and reemployment of teachers, It was suggested by the board members that in the interest of the University's academic development, a comprehensive review of all such candidates of the organization be carried out by the University. No Headship or Deanship should be given to any faculty after the age of 65 years. **However, the university should only consider cases of performing faculty members for regular appointment upto 65 years.** In case of those faculty members who could not make qualitative contribution in teaching and research, the age of superannuation shall remain 62 years. **Extension of services through re-employment upto the age of 70 years must be done on case to case requirement and merit basis.**

The board opined that the main focus of the University should be to **strive for excellence and there should be a quotient of academic innovation besides research capacities & capabilities in the Schools.** For this we need to create the right kind of environment with state of the art infrastructure and a strong & good academic force. Grooming of the young faculty is an essentiality, so that they get turned to the culture of academic system that encompasses both the distinction in their specialized field and the area of research. **The Board opined that the University must put a greater emphasis on applied research so that industry and society in general are benefitted.**

On the question of promoting excellence, Vice-Chancellor reported that the University has already made "Faculty appraisal and Development System" which has guidelines for the faculty members to excel through own academic planning.

- 4 The Board deliberated at length and approved for appointment of the ward (son) of Late Shri A.N. Sharma (who passed away in a road accident on 04.05.2009 while coming to the University) on **compassionate grounds** against the post of Lab. Asstt. Grade-II.

The Board further approved relaxation in recruitment rules for this specific case in terms of his percentage; being less than the required as per norms of the University. **However, he has been asked to enhance his qualifications within a specific time frame of 5 years.**

5. The Board approved for enhancement of the financial powers of Finance Committee from Rs.1.00 Crore to Rs.2.00 Crore per item per occasion.
- 6 The **Board appreciated** the efforts of the University in respect of obtaining National Accreditation and **becoming ISO: 9001-2008 and the intention to volunteer for reaccreditation by NAAC, Bangalore. It approved and gave its go-ahead for all such efforts which the University feels are required to maintain its quality & academic excellence.**

FORTY SEVENTH MEETING OF BOARD OF MANAGEMENT HELD ON 05TH JULY, 2011

- 1 The Board confirmed the action taken report submitted in respect of the 45th meeting held on 11.02.2011 with few suggestions detailed below.

“The University should focus on reorienting the minds of the faculty to work with the industry so that they are able to gradually develop linkages and thrive with their needs. Keeping this aspect in mind the papers so published and the patent filed by the researchers should be usable to the industry. Moreover, the faculty should also not lose sight of the teaching requirement of the stakeholders of National Capital Region in the present scenario”.

It was further suggested that the faculty should not restrict to Consultancy Projects belonging to Govt. Departments only but **also proactively involve in dissemination and creation of knowledge suited to the industrial demands.** This will generate funds for the university besides building a reputation for better industry interaction and support. **The Board nominated one of its members Shri Chandra Mohan, Chairman, Board of Governors, Punjab Engg. College, Chandigarh, to look into the existing consultancy policy and any suggestive changes required therein may be deliberated in the ensuing meeting.**

- 2 The Board deliberated on the subject at length and approved the **regulation to regularize functions and duties of the various positions held by teaching and non-teaching senior members of the university to maintain the sanctity of the positions and for affecting the activities of the University. Delegation of powers so given may be exercised to streamline the organizational system and hierarchy.** The efforts made by the University for evolving good practices in the system was appreciated by the Board.
- 3 The Board approved the **new Ordinance 31 regarding responsibilities and authorities of the Deans of the University Schools.** It was indicated that the responsibility of the Dean is vast and the authority is needed to provide a challenging and rewarding working environment for both the faculty members and the students.

The main focus of the schools is to impart knowledge to its students which comes from the team of its academic staff delivering their course supported by the technical and administrative staff who work with them. **The school under the stewardship of a Dean should align to university's strategic plan. There should be a strong record of progression in research activities and achievement with students feedback in teaching.**

- 4 As a part of the **inter-disciplinary and multi-disciplinary initiative and to cultivate the imagination and ideas of the faculty, researchers and students the proposal for creating centres of excellence had been deliberated at length by the Board. The Board appreciated the proposal and approved it in principle with following suggestions:**

“The university should serve as an incubator for innovation and offer a framework to think differently about solving problems faced by the society in collaboration with the industry. Accordingly, the Centres in terms of composition, academic and research topography should respond to the changes of business. Looking forward, the university will need to have even sharper focus in academic planning, specially research enhancement which should increase employability and promote much industry interaction.”

Finally, the Board constituted a sub-group comprising of the Vice Chancellor (Chairperson) alongwith two other board members, Major Genl. D.N. Khurana (Retd), Former Dir. Gen., AIMA, New Delhi and Prof. O.P. Sharma, Principal, GB Pant Eng. College, New Delhi to finalize the objectives and functionality of the centres of excellence and accordingly to finalise the Ordinance 32. The Board may be apprised about it in the ensuing meeting.

- 5 Keeping in view, the objectives of the University, the Board approved the **creation of new posts of twelve (12) Directors in the University for carrying out various academic, research, administrative and extension activities.** The Board was appreciative of the fact that the focus of the Professors should mainly be on teaching and research oriented activities and they should concentrate on enhancing this strength as per current industrial and societal demands which are highly diverse in nature.

- 6 The Board considered the request of **Sh. Dinesh Kumar, Asstt. Prof. in University School of Chemical Technology and granted study leave for a period of 05 months** commencing from his actual date of relieving by the University for pursuing Ph.D. (part time) programme at Deptt. of Chemical Technology, Indian Institute of Technology, New Delhi as per extent rules of the University.
- 7 The Board **ratified the decision taken by the Vice Chancellor regarding grant of study leave for a period of one year w.e.f. 15.07.2011 to 14.07.2012** to Dr. Ram Singh Purty, Asstt. Prof., University School of Biotechnology to avail BOYSCAST fellowship 2010-11 provided by DST for research at Dept. of Chemistry, Youngstown State University, Ohio 44555 as per existing rules of the University.

FORTY EIGHTH MEETING OF THE BOARD OF MANAGEMENT HELD ON 29.11.2011

1. Consequent upon the amendment in Clause XVI of Statute 31 captioned "**Superannuation and Reemployment of Teachers**", the Board approved that a Dean shall cease to hold the office on attaining the age of 65;
2. Clause 1 (a) (i) of Ordinance 8 pertaining to appointment of qualified staff / recognition of teachers in affiliated colleges has been amended to read as thus :
"The teachers have the qualifications and experience as laid down for various programmes as per guidelines of the concerned statutory bodies – UGC, AICTE, BCI, INC, CCH, RCI, COA, MCI, PCI, NCTE, ICAR, CCIM"
3. The Board resolved to approve the Revised Ordinance : 12, Governing Programmes leading to the award of the degree of Doctor of Philosophy alongwith its six Regulations;
4. The Board approved the proposal for awarding Honorary Degree of Doctor of Philosophy in Engineering and Technology (Honoris Causa) to Sh. Brijmohan Lall Munjal – Chairman, Hero Motocorp.
5. The Board approved the constitution of an '**Indraprastha University Industry Interaction Cell**' with the recommendation that the Chairperson of the Advisory Committee would be a distinguished person from the industry as also the number of members to be co-opted in the Executive Committee of the Cell shall be 08 instead of 04. The Board observed that equal participation of the industry is advocated to maintain quality standards as per global demands and to

promote education through customer focused academic and professional programmes.

6. The New **Ordinance for establishment of Centre of Excellence in the University** was approved alongwith the necessary modifications desired by the Board in its preceding meeting.
7. The Board considered and approved, in principle, the **Regulation for inspection of Answer Sheets-2011.**
However, it was suggested by the Board that a procedure may be evolved by the Examination Branch for the implementation of the Regulation including measures to check the misuse of this regulation.
8. The Board considered the proposal related to '**Mega Project**' entitled, "**Development of Newtron Time of Flight for Measurement of Cross Sections and Other Applications**" to be submitted to the Board of Research in Nuclear Sciences, Department of Atomic Energy and resolved to recommend for constitution of an Expert Committee to examine the said proposal, its utility, academic value and sustainable issues over a period of time.
9. The Board approved the relieving of **Prof. Yogesh Singh** from his duties as Professor, USIT and additional charge of Acting-Controller of Examinations w.e.f. 06.07.2011 (AN) for a term of three years on usual terms and conditions of deputation **to enable him to join as Vice-Chancellor of MS University, Vadodara, Gujarat.**
10. The Board approved the **grant of Sabbatical Leave** for a period of one year to **Prof. Afzal Wani, Professor, University School of Law and Legal Studies w.e.f. 26.11.2011 as per the norms of the University.**
11. The Board approved the following appointments to various teaching positions in the University :

Sr. No.	Nomenclature of the Post and selected candidates	School	Date of Joining
Professor			
1	Dr. Saroj Sharma	USE	08.3.2011 (FN)
2	Dr. Pravin Chandra	USIT	15.9.2011 (FN)
3	Dr. C.S. Rai	USIT	15.9.2011 (FN)
4	Dr. Vinod Kumar	USB&AS	01.2.2011 (FN)
5	Dr. C.P. Singh	USMC	16.9.2011 (AN)
6.	Dr. Rajat Ray	USMC	Yet to Join
Associate Professor			
1	Sh. Suptendu Prakash Biswas (on contract)	USAP	01.11.2011 (FN)
2.	Sh. Avtar Singh (con contract)	USAP	04.11.2011 (FN)
3	Dr. Rakesh Angira	USCT	01.6.2011 (FN)

Asstt. Professor			
1.	Ms. Asna Furqan	USIT	31.11.2011 (FN)
2.	Ms. Shilpa Jain	USMS	18.11.2011 (FN)
3.	Ms. Monika Mridal Mandal	USCT	01.12.2011 (FN)
4.	Sh. Sayan Chatterjee	USBT	20.1.2011 (FN)
5.	Sh. Ritesh Kr. Mishra	USH&SS	05.1.2011 (FN)
6.	Sh. Varun Raj	USIT	18.11.2011 (FN)
Statistical Officer			
1	Ms. Chitra Tomar	Office of Director-Academic Affairs	01.11.2011 (FN)

12. The Board approved the grant of extraordinary leave without pay for an additional year to **Dr. Queeny Pradhan, Asstt. Professor, USLLS to enable her to pursue / complete her Research Project on "Developing the Hill : A Comparative Prospective in the Study of Shimla, Darjeeling, Ootacamund and Mount Abu" (Nineteenth and Twentieth Centry)" at Indian Institute of Advanced Studies, Shimla.**
13. The Board considered the Guidelines recommended by a Committee for grant of **Child Care Leave** to female employees and the same were approved.
14. The Board approved the change of nomenclature of the **University School of Information Technology to University School of Information and Communication Technology** with the observation to process the same for modification in the relevant Ordinance before implementation.

III. PLANNING BOARD

ELEVENTH MEETING OF PLANNING BOARD HELD ON 09.02.2009

1. At the outset, the Vice Chancellor stated that he needs the guidance, support and cooperation of all the members of the Planning Board. **Elaborating on his vision for taking this University to a new higher orbit, he made the following points:**

Since the University has grown quite a bit in size, **our effort now should be on consolidation with focus on improving the quality of knowledge creation and knowledge dissemination;**

That his efforts would be to **tighten the loose ends wherever required to make the academic administration of the University more transparent and accountable;**

That there is shortage of faculty members at the senior level in the University. The availability of faculty at the senior level is extremely important to boost research in any educational institute and to improve the quality of teaching. So, his first and foremost endeavour would be to ensure the availability of faculty in the University at senior level;

That the character of the University in times to come should be cosmopolitan and global. Efforts should be made to attract the people in the University not only from all parts of India but also from all over the world. This will help the University in creating its own identity and niche in the world of academics;

Our next objective in the University would be to get international accreditation and international quality certification;

Efforts will have to be made to improve the quality of teaching and research in the affiliated colleges to bring them upto the desired level. This would require constant monitoring and mentoring of these Institutes.

2. **The concept of finishing school:** It was observed that concept of finishing school is quite controversial and needs to be carefully examined before taking a final decision. It was felt that the focus of the University should be **to enhance the cognitive abilities of the students so that they become capable of adapting to changes and learn the processes as per the requirement of the job after getting the placement** rather than imparting the training to enhance specific skills for specific tasks. Efforts of the University should be to improve the quality of knowledge creation and knowledge dissemination.
3. **Research:** It was observed that **it is not possible for the University to orient its total research towards social problems.** The University has to develop a strategy to promote research. The strategy should be twofold:
 - ***To promote research in general and;***
 - ***To link the research with societal issues in particular.***

4. **Academic Audit Cell:** It was observed that **Academic Audit Cell should be strengthened and the Cell should be provided proper administrative backup.** The focus of the Cell should be to promote quality of education in affiliated Institutes as well as in University schools.
5. **Alumni Association:** It was felt that efforts should be made to involve the alumni associations in the development of the University.
6. **Consultancy:** It was felt that the observation that **consultancy should be the main source of income in the University is quite controversial. Overemphasis on consultancy can prove to be fatal for the University as consultancy can displace education and research unless it is properly conceived and monitored.**
7. **Quality of teachers:** Availability and retention of quality teachers is the biggest challenge for the University. The University should launch faculty development programmes in a big way and may consider establishing a Human Resource Development Centre in the University with the focus on grooming the faculty. The job profile of this Centre could be identification, hunting, recruiting, training, development and retention of the talented faculty at senior level.
8. **Adopting of nearby area:** The members of the Board were of the opinion that the University may consider **adopting a nearby locality for its extension services** and study the social problems being faced by the various segments of the society in that locality and see how best the University can be helpful in tackling the problems being faced by the people in that locality.
9. **Plan of Action:** It was desired by the Board that the **Vice Chancellor should make an elaborate plan of action highlighting his vision and mission, targets and objectives and the strategy to achieve these targets and objectives during his tenure in the next five years.** The comprehensive document should primarily focus on the following aspects:
 - Teaching;
 - Research;
 - Extension service;
 - Consultancy ; and
 - Training.

IV. ACADEMIC COUNCIL**TWENTY NINTH MEETING OF ACADEMIC COUNCIL HELD ON 29.10.2010**

- 1 The Council considered and approved the proposal and requested the University **to approach Sh. E. Sreedharan, Managing Director, Delhi Metro Rail Corporation Ltd for accepting the award of the Degree of Philosophy in Management Studies (Honoris Causa)**. Further all the Member of the Council applauded this healthy gesture and complimented the Vice Chancellor for taking up this initiative.
- 2 The Council approved the proposed change in the nomenclature of the existing programme, namely, **'Master of Mass Media'** to that of **'Master in Mass Communication'** with immediate effect, covering the students who were admitted in the preceding academic session/s, but after following the laid down procedure in the concerned Agenda Item, i.e., the affected students shall first surrender the Original Degree of Master of Mass Media to the Controller of Examinations and shall submit an Affidavit on a Non-Judicial Stamp Paper of Rs.10/- with its attestation from a Notary Public alongwith his/her written request.
- 3 The Council **approved the changed structure of Fee for all MBA (Weekend) programmes**. Further resolved to empower the Vice-Chancellor to approve the required changes for other weekend programmes that may be warranted in the light of the new structure of Fee for the MBA weekend programmes.
4. The members of the council deliberated upon the **Scheme of Examination and Syllabi for course work of Ph.D. Programme w.e.f. session 2010 onward** at length and approved the same. However, it was decided that Research Methodology-II may be taught first followed by the teaching of Research Methodology-I. Hence, it was resolved that the sequencing of these two courses may be looked into by the Deans of all the University Schools of Studies with appropriate title.
5. The Council accorded its consent to refund 50% of the total fees paid by Md. Atif a Ph.D. **Scholar of the University School of Management Studies and authorized the Vice Chancellor to take such type of decision in future.**

6. The Council considered the request of Maharaja Agrasen Institute of Technology for **introducing a Research Award in the name of Maharaja Agrasen and resolved that:**
- (a) The Institute may be requested to deposit Rs.10,00,000/- in one installment for the creation of necessary Endowment Fund for the Research Award to be introduced in the joint name of the Chairman/Secretary of MAIT and Registrar, GGSIPU.
 - (b) A Committee may be constituted by the Vice Chancellor for making necessary recommendations to him covering entire procedure and other modalities for the research award.
7. The Council took the note of merger of **Life Sciences Section of University School of Basic and Applied Sciences with the University School of Environment Studies** and appreciating and approving this approach, the Council further deliberated at length on renaming the School of Environment Studies ; and in this regard, it was resolved that prior to renaming the School, the Vice-Chancellor may first like to further discuss this issue in the meeting of Deans and bring it in the next meeting of the Academic Council for approval.
8. The Council approved the proposed Fee Structure for Ph.D. Registration for Foreign Students which is as given here under:
- | | |
|--|---------|
| (a) Registration/Provisional Registration fee | US\$500 |
| (This includes the fee for the first year) | |
| (b) Annual fee payable by 1 st August during subsequent years | US\$150 |
| (c) Fee payable at the time of Ph.D. these submission | US\$400 |
| (d) Fee for course work, per course | US\$150 |
9. The Council noted the **Syllabus & Courses offered to the Ph.D. scholars as Directed Courses** (special elective courses) belonging to the University School of Biotechnology.
10. The **Council approved the Syllabi of Directed courses (Special elective courses) to be offered to Ph.D. scholars of University School of Environment Management.**

- 11 The Council noted and **approved the consent granted by the Vice-Chancellor to the detailed syllabi for B.Tech./ M.Tech. (Dual Degree) programme.**
- 12 The Council noted and approved the **minor changes affected in this Scheme of Examinations and Syllabi of Environment Studies.**
- 13 The Council noted and **approved the detailed Scheme of Examinations and Syllabi for Advanced Diploma in Child Guidance and Counselling** programme to be run by NIPCCD.
- 14 The Council noted and **approved the revised Scheme of Examinations and detailed Syllabi for Bachelor of Journalism and Mass Communication BJ(MC) programme** conducted at various affiliated institutes w.e.f. 2009-10.
- 15 The Council noted and **approved the Revised Scheme of Examinations and Syllabi for LL.M. programme.**
- 16 The Council noted and **approved the revised Scheme of Examinations and Syllabi of Ist Year of B.Arch. programme.**
- 17 The Council noted and **approved the Revised Scheme of Examinations and Syllabi of B.Tech. (Tool Engineering & Civil Engineering) programmes** conducted at affiliated institutions.
- 18 The Council noted and **approved the revised Scheme of Examinations and Syllabi of (a) MCA (SE) ; (b) MCA programme run at affiliated institutes ; (c) Add a course of Dataware House and Data Mining (ITR-733) as one of the Elective Subjects in M.Tech. (IT) ; (d) Scheme of Examinations and Syllabi of 9th and 12th Semesters of B.Tech./ M.Tech. (CSE) programme.**
- 19 The Council noted and approved the **Revised Scheme of Examinations and Syllabi for MBA (Regular) ; MBA (General) –Weekend ; MBA (Banking & Insurance) –Weekend ; MBA (Real Estate)-Weekend ; B.Tech-MBA (Dual Degree) ; BBA (General) ; BBA (Banking & Insurance) ; BBA (Tour & Travel Management) ; and, BBA (International Hospitality Management) programmes.**

- 20 The Council noted and **approved the revised Scheme of M.Tech. (Chemical Engineering) programme w.e.f. academic session 2010-11.**
- 21 After detailed deliberations the council resolved to approve the proposed amendment in the existing University's Ordinance-9 related to Convocation as detailed here under:

Ordinance 9: Convocation	Existing provision	Proposed Amendment
	Provision A (i) 4 The Degree Certificates shall be signed by the Controller of Examinations and shall bear the printed signature of the Vice Chancellor	Provision A (i) 4 The Degree Certificates shall be prepared bilingually and verified by officials of the respective result branch of the Examinations Division and their signature to this effect, including the signature of the authenticating Officer-in-Charge of the concerned result branch shall be affixed on the reverse side of the Degree Certificates. The front side of Degree Certificates shall bear the printed signatures of the Controller of Examinations and the Vice Chancellor at the left bottom and the right bottom corner respectively of the Degree Certificates.

- 22 The Council deliberated at length and approved the proposed amendment in the **University's Statue 27 relating to Tuition Fee, Enrolment fee, Examination fee and other related University's charges payable by the students, as reproduced here under:**

(a) *"For University Schools of Studies; For all the students in the academic programmes conducted at University Schools of Studies/Constituent Colleges/Centres of Learning, the total fee including tuition fee,*

enrolment fee, etc. **shall be as approved by the Academic Council of the University from time to time.**

- (b) For all Govt. Institutions (Centre/State), affiliated to the University: The fees structure shall be as prescribed by the concerned Govt. from time to time. The University fees, however, such as examination fees, registration fee, sports and cultural fees etc. **will be as approved by the Academic Council of the University.**
- (c) For Self-Financing Institutions: The tuition fee chargeable by the private self-financing institutions in Delhi affiliated to the University shall be as per the recommendations of the State fee Committee constituted by the Govt. of NCT of Delhi. The University fees, however, such as examination fees, registration fee, sports and cultural fees etc. **will be as approved by the Academic Council of the University.**

However, for any private self-financing institutions located outside the National Capital Territory, the total fees **will be as decided by the Academic Council of the University.**”

23 The Council discussed at length and resolved to **approve the proposed Regulations relating to Award of Ph.D. Degree**

24 The Council deliberated at length in respect to the proposed change/s in Clause 1 (iv) of University’s Ordinance – 12 regarding “Governing Programmes Leading to Degree of Doctor of Philosophy”, reproduced as under, in details and resolved the following:

“In the case of Affiliated (approved / recognized) faculty eligible to take Ph.D. Scholars shall be allowed maximum of two slots per University Approved Teacher provided research facility is available at the institute (to be verified by the concerned SRC of the school) and permission from the concerned institute management for its use by the faculty. In case the faculty leaves the institute after taking a Ph.D. Scholar then it will be the responsibility of the institute to provide the substitution.” In case of the University Maintained College, the rules and regulations for University Schools shall apply. However, the faculty members belonging to different specialized area shall come under the purview of respective specialized school and they shall be governed by the concerned SRC of the School.

25 The Council deliberated on the proposed amendment in the University’s Ordinance – 12 regarding “Governing Programmes Leading to Degree of Doctor of Philosophy” and resolved to approve the same; this amended Clause 6(e) read as given hereunder:

Ordinance 9: Convocation	Existing Clause 6(e)	Proposed Amendment in Clause 6(e)
	"A research student/candidates must get his Research Plan approved within 24 months of his provisional registration, failing which the same may be cancelled."	" A Research Scholar, whose research plan and research title/topic has been approved by the SRC and Board of Studies may get it modified/changed within a maximum period of 12 months from the date of registration. However, the modification will be carried out on the recommendation of Supervisor, SRC/Board of Studies and with the approval of the Vice Chancellor on valid grounds, failing which the same may be considered as a fresh."

26. The Council deliberated and resolved to approve the **proposed norms for Recognition of Affiliated Institute for Ph.D. Programme**; these approved norms read as under:

NORMS FOR RECOGNITION OF AFFILIATED INSTITUTE FOR Ph.D. PROGRAMME :

- (a) The Institute must be 10 years old.
- (b) There shall be at least two University Recognised/Approved Teachers with Ph.D. Degree and minimum of eight publications each in referred journals, preferably within a period of 5 years preceding the date of request from each Department of that Institute.
- (c) A satisfactory assessment report by the Inspection Committee on availability & suitability of infrastructure facilities. The Vice-Chancellor shall constitute the above committee.
- (d) Sufficient infrastructure facilities in the relevant area of research in each Department of the affiliated College.
- (e) The Institute shall pay as recognition fee of Rs. 30,000/- initially in the form of Demand Draft drawn in favour of "Registrar,

- G.G.S.I.P. University”, payable at Delhi for recognition of affiliated institute for Ph.D. Programme.
- (f) The Institute shall further be reviewed every year with a renewal fee of Rs.10,000/- for the continuance of recognition of affiliated institute for Ph.D. Programme.
- (g) The affiliated Institute shall fill the prescribed format for the recognition of Ph.D. Programme.
- 27 The Council deliberated on the proposed Format for Recognition of Approved Research Centre for Doctoral research and resolved to approve the same.
- 28 The Council accorded its consent for initially creating One Doctoral Fellowship in each University School of Studies with a contingency grant of Rs.10,000/- p.a. Depending upon the number of research scholars, Vice Chancellor is authorized to decide the 2nd university fellowship to a particular school. Those research scholars who are not earning / having any fellowship may be provided with the contingency grant of Rs.10,000/- p.a.. Accordingly, budget provision may be made.
29. The Council noted and approved the proposed Schemes of Transfer of Credits for the students who are admitted from other Universities as per the University’s Ordinance related to Migration.
30. The Council considered and approved the revised Syllabi and the Scheme of Examinations for the MJMC-II year and MMM-I year.

THIRTIETH MEETING OF THE ACADEMIC COUNCIL HELD ON 25.11.2011

1. The Council approved the award of following Degrees/ Certificates to be conferred in person and in absentia in the 8th Convocation to the students who have successfully qualified for various programmes of the University for the year 2010-11, **Gold Medals to the Toppers and Honouring the students who have passed all courses of the relevant academic programme by earning prescribed credits in First attempt and have secured the cumulative performance index of 90 and above :**

1.	Number of Ph.D.	:	20
2.	Number of Master’s Degrees	:	2589
3.	Number of Bachelor’s Degrees	:	10850
4.	MBBS	:	86
5.	MD/MS	:	55
6.	Institute of Applied Manpower Research (IAMR)	:	49

7.	Total number of degrees to be conferred	:	13649
8.	Percentage of successful candidates	:	91.44%
9.	Exemplary performance and percentage	:	06(0.04%)
10.	First Division with Distinction and Percentage	:	3906 (29.06%)
11.	First Division and Percentage	:	9018 (67.11%)
12.	Second Division and Percentage	:	509(03.79%)
13.	Total number of students	:	14,926

2. The Council, admiring the practice of conferment of honorary degrees of Doctor of Philosophy to eminent personalities, **approved the proposal for conferring the Honorary Degree of Doctor of Philosophy in Engineering and Technology (Honoris Causa) to Sh. Brijmohan Lall Munjal – Chairman, Hero Group – a techno-savvy visionary.**
3. The Council appreciated the efforts of the University **to establish interaction / collaboration with the industry in a structured manner** and also its efforts to ensure revision of improvisation of the course curriculum which is industry relevant in the form of **Indraprastha University Industry Interaction Cell (IUIIC)**. The Council further recommended that the affiliated institutions may also work out identical proposals under the aegis and supervision of the University ; however, all networking with the corporate organizations shall be carried out by them. The University shall provide under special circumstances, financial support in case the arrangement benefits all components and if the same are approved by the the Advisory Committee of 'IUIIC'.
4. Recognizing the aims of promoting inter-disciplinary academic cum research based education, approved the new **Ordinance for establishment of Centres of Excellence**. Also resolved that these Centres, after their adequate growth, shall be transformed into University School/s.
5. The Council approved the amended **Ordinance : 12 Governing Programmes leading to Degree of Doctor of Philosophy alongwith it Six Regulation.**
6. The Council considered and approved the **Regulation for Inspection of Answer Sheets : 2011** in pursuance of the directions of the Hon'ble Supreme Court with a further proviso that the COE shall evolve an appropriate procedure for the same.
7. The Council resolved to co-opt the following to be the members of the Academic Council in pursuance of the requirements laid down vide Clause 1 (vii) of Statute 11 of the First Statutes keeping in view their special knowledge and /or being the representatives of employer organizations, industries, trade and commerce, academic/ professional organizations :
 - (a) Prof. Dutta Roy, Emeritus Professor, IIT Delhi - Engineering
 - (b) Prof. P.K. Jhulka, Professor- AIIMS - Medical
 - (c) Prof. Furqan Qamar, Vice-Chancellor, HP Central University - Educational
 - (d) Prof. M.C. Sharma, IGNOU - Admn.

(e) Prof. Uppeandra Dhar, Hamdard University	-	Botany
(f) Prof. MP Gupta, IIT, Delhi	-	Management
(g) Dr. N.K. Chaturvedi, Former Director, PGIMER, Dr. RML Hospital, New Delhi	-	Medical
(h) Sh. M.A. Siddiqui, Director, Maruti Udyog	-	Industry
(i) Prof. K.K. Nigam, Former Dean, Deptt. Of Law, Delhi University	-	Law
(j) Prof. A.K. Mitra, Former Director, SPA	-	Architecture

8. The Council after deliberating at length resolved to constitute an Expert Committee for reviewing the pros and cons of the proposed project titled, **“Development of Neutron Time of Flight for Measurement of Cross Sections and Other Applications.”**
9. The Council approved the **revised Scheme of Examinations and Syllabi for the two Weekend Programmes**, namely, LL.M. – Cyber Law and Cyber Crime and LL.M. – Intellectual and Industry Property Law.
10. The Council approved the **Scheme of Examinations and Syllabi for MBA (Financial Markets) and BBA (Financial Markets) of the USMS.**
11. The Council approved the proposal of **changing the name of University School of Information Technology to University School of Information and Communication Technology.**
12. The Council approved the **amended subject-code and content of DBMS course for B.Tech. (MAE) and EEE and also the resultant amendments in M.Tech. (ECE).**
13. The Council approved the Scheme of Examinations and Syllabi **for 7th and 8th Semesters of B.Tech. (Environment Engineering) Programme to be effective from the academic session 2011-12.**
14. The Council approved the **amended Scheme of Examinations and Syllabi for BCA programme.**
15. The Council approved the proposal for **granting the status of Approved Research Centre to Lal Bahadur Shastri Institute of Management and Birla Institute of Management Technology.**

V. FINANCE COMMITTEE**TWENTY SEVENTH MEETING OF THE FINANCE COMMITTEE HELD ON 12TH JULY, 2010**

- 1 The Committee considered the proposal for **the projected expenditure of Rs.10 crores for the purchase of furniture and Rs.5 crores for furnishing at the new campus at Dwarka and approved the same** for onward consideration and approval by the Board of Management and the Vice-Chancellor is authorized to execute the proposals accordingly.
- 2 The Committee considered in details the **proposal for the Networking and Internet facility at Dwarka Campus** along with the proposed financial implications and **approved the same for onward consideration and approval by the Board of Management**; the proposed cost for WAN/LAN internet connectivity in Phase-I through Phase_III is Rs.5.04 crores inclusive of all taxes, cost of six years for AMC, facility management by 3 persons for seven years, installation & Commissioning and training of two persons from the University. Similarly, the proposed cost for creation of Internet facility shall be Rs.13.8 Lakhs inclusive of service tax on ILL.
The Committee also proposed that item-wise costing may be carried out by the University to compare the costing given by MTNL and if needed, for future negotiations.
- 3 The Finance Committee deliberated the proposal and resolved to **approve that a sum of Rs.35 lacs be allocated for the purchase of five vehicles as per the requirement in the financial year 2010-11.**
- 4 The Finance Committee deliberated the proposal and resolved to accord **administrative & financial sanction of Rs.74.15 Lakhs for the purchase of furniture items for the University Information Resource Centre (UIRC) as required for establishing the Library Services at Dwarka Campus.**

- 5 The Finance Committee considered the proposal concerning with the **setting up of laboratories at Dwarka Campus for the School of Biotechnology, School of Chemical Technology, and School of Environment Management.** The Committee deliberated upon the proposal and accorded the administrative approval and expenditure sanction for Rs. 4.75 crores.

As proposed, the work shall be executed by the Engineering Department of the University as per the CPWD works procedure after fulfillment of tender formalities and preparation of detailed estimates.

TWENTY EIGHTH MEETING OF THE FINANCE COMMITTEE HELD ON 07TH JANUARY, 2011

- 1 The Finance Committee approved the **proposed fee structure for Ph.D. registration for foreign students** (detailed below) to be implemented w.e.f. academic session 2011-12.
- | | | |
|------|---|---------|
| i) | Registration/Provisional Registration fee
(This includes the fee for the first year) | US\$500 |
| ii) | Annual fee payable by 1 st August during subsequent year | US\$150 |
| iii) | Fee payable at the time of the submission of Ph.D. thesis submission | US\$400 |
| iv) | Fee for course work, per course | US\$150 |

It further approved the proposal of making payments of the prescribed fee in US\$ or Indian rupees as per the exchange rate of US\$ as on the date of payment subject to the production of a Bank Certificate for the same on that date.

- 2 The Committee considered & **approved the proposal for submission of fee in US\$ or in Indian rupees by foreign students w.e.f. session 2010-11 subject to certification of current exchange rate by the draft issuing bank on the day of payment.**

The same will also be applicable in respect of foreign students getting scholarship, stipend or bursary from their native country/govt.

3. Keeping in view, the recommendations of the Dept. of Personnel & Training, Govt of India in respect of Modified Assured Career Progression (MACP) scheme adopted by the University and

requirement of upgrading the employees, **the Committee empowered the Vice Chancellor to take appropriate action.**

It was further opined that giving special pay would not be the right type of incentive as proposed. However, the Finance Committee authorized the Vice Chancellor to take a decision at his level about giving some allowance to compensate such category of employees (with G.P. – Rs.1900/) for the period of services of 10 years rendered by them.

THIRTIETH MEETING OF THE FINANCE COMMITTEE HELD ON 24TH JUNE, 2011

- 1 After deliberations, the Finance Committee accepted the recommendations of the Committee constituted by the Vice Chancellor and **approved the Financial up gradation under the MACP Scheme of grade pay holder of Rs.1900/- to the grade pay of Rs.2400/-, i.e. in the next higher Grade Pay in the hierarchy at the University after the Grade Pay of Rs.1900/-**

2. The Vice Chancellor informed that many important functions of the University had been assigned to existing professors by designating them as Directors and as such the following nine Directors have been functioning in the University:-
 - (i) Research & Consultancy
 - (ii) Students welfare
 - (iii) International Affairs & Wednesday colloquium
 - (iv) Academic Affairs
 - (v) Research Project & Monitoring Cell
 - (vi) Organization and Development
 - (vii) Director Coordination
 - (viii) Legal Aid Cell
 - (ix) Centre for Disaster Management Studies

He further informed that the present arrangement has not been working well and **services of full time Directors are needed who will fully concentrate on the activities of their concerned Centres.** Further, the University intend to add new activities by opening following new Centres:-

- (i) Centre for Urban Plan Designing
- (ii) Centre for Human Value
- (iii) Centre for Geonomics
- (iv) Centre for Renewal Energy
- (v) Centre for Film Studies & Languages etc.

Activities of some of the Schools may be managed by assigning additional charge to existing professors, but in most of Schools, independent Directors are required to be posted to manage the School activities well. The Finance Committee approved the proposal with an additional financial implication worth Rs.1.5 crores per annum.

3. It was informed to the members that in view of shifting of University to its new campus which is vast and remotely located and its impending growth in the academic and administrative activities, there is a need to put in place certain dedicated departments and **some supporting staff**. Further ministerial staff is also required to provide support to the proposed new Directors and Centres. The University would meet the cost of creation of 32 posts from its own income. The Finance Committee recommended the creation of **32 posts** for the onward consideration and approval by the Board of Management.
4. The Finance Committee approved **the expenditure of Rs.1,81,18,100/- for operation of HVAC system for five years and maintenance of four years beyond defect liability period and approved to sign the supplementary agreement with M/s Voltas to this effect**. It was further resolved that no escalation would be given to the firm beyond the aforesaid agreed amount.
5. The Finance Committee approved the **Third Party Audit for assessing the quality of work related to Networking and Internet facility in Dwarka Campus by STQC, Department of Information Technology, Govt. of India at an approximate cost of Rs.2,00,000/- (Rupees Two Lakh only)**.

**THIRTY FIRST MEETING OF THE FINANCE COMMITTEE HELD ON
12.10.2011**

1. The Finance Committee considered and approved the proposal in which it was desired that **an advertisement in the Newspaper may be published alongwith a notification on the University's Website informing the students for claiming their security deposit with the University within a specified period before transferring the unclaimed students' deposits into University's Account.**
2. The Finance Committee approved the following rate for conduction / evalatuion of various examination's related activities :
 - (a) Reimbursement of Mobile Phone charges during CET to a maximum of Rs.300/- (In total) strictly for outstation CET examinations only.
 - (b) Fixation of minimum ceiling of evaluation charges to Rs.250/-.
 - (c) Conveyance charges to Assistant in End-Term Examinations on Saturday, Sunday and Holiday fixed at Rs.200/- as in case of CET.
3. The Finance Committee decided that the **Medical Reimbursement Scheme for outdoor and indoor treatment may be reviewed considering the prevalent medical schemes in other organizations.**

VI. BOARD OF AFFILIATION**FORTY FOURTH MEETING OF THE BOARD OF AFFILIATION HELD ON
20TH MAY, 2011**

The Board considered the UGC (Affiliation of College by Universities) Regulations, 2009 issued by University Grants Commission, New Delhi and as published in Gazette of India, 20th February, 2010. After going through the regulations in detail, the Board approved the land requirements for grant of affiliation to new institutions as mentioned in Clause 3.1.1 of the Regulations under reference.

FORTY NINTH MEETING OF THE BOARD OF AFFILIATION HELD ON 25.5.2011

The University levied a **penalty of Rs.23.40 Lakhs on Technical Institute of Advanced Studies** for admitting 6 students in MCA (2nd shift) under management quota of its own during the academic session 2010-11 without following the procedure laid down by the University.

FIFTIETH MEETING OF THE BOARD OF AFFILIATION HELD ON 02.08.2011

The Board took note of the **request of the Institute and approved for Minority Status to ST. Stephen's Hospital, College of Nursing for Christian for a period of 3 years w.e.f. 2011-12 to 2013-14 to run B.Sc. (Hons) Nursing Course** as approved by the Directorate of Higher Education, Govt. of NCT, Delhi and also keeping in view the certificate issued by National Commission for Minority Educational Institutions to this Hospital.

FIFTY SECOND MEETING OF THE BOARD OF AFFILIATION HELD ON 23.11.2011

1. The Affiliation Board resolved to approve that the Army College of Medical Science be placed under '**No Admission Category**' for admitting the students to the 1st year of MBBS for the academic session 2011-12.
2. In view of the guidelines contained in the AICTE Approved Process Handbook 2012-13 in respect to the MBA Part Time programme, the Board resolved that no admission be made in MBA Part Time in new/ existing institutions during the Academic Session 2012-13 and the matter will be reviewed before the next Academic Session 2013-14.
3. The Affiliation Board approved the proposal of the Institute of Rehabilitation Medicine and Allied Sciences to place it under '**No Admission Category**' for the BPT programme for the academic session 2011-12.

6.2.3 How frequently are the meetings of the different statutory bodies held? What are the major outcomes?

As is obvious from the detailed answer to Question No.6.2.2 above, the meetings are rather held quite frequently. The prominent outcomes worth mentioning are as thus :

- Carrying out of the **SWOT Analysis** of the University.
- Finalizing the **large number of International Collaborations.**
- Following the stringent practice of granting affiliation and placing of certain affiliated institution under '**No Admission Category**' on account of their unsatisfactory academic performance.
- **Imposing of penalty** on one of the affiliated institute due to filling up the management quota seats following an illegal procedure.
- Directing the Deans of different University Schools of Studies to prepare the **Academic Plans.**
- Associating of **faculty members of Approved Research Centres with the Research Scholars pursuing research for Ph.D. degrees.**
- Appointing the Senior Faculty from among those who are likely to be superannuated.
- Taking the decision of **introducing on-line programme/s only after assessing genuine demand and after making meticulous preparations and putting up effective monitoring system.**
- Initiating the process of establishing a '**Centre Human Values and Ethics.**'
- Initiating the process of preparing the '**Blue Print for the University for the Next Orbit.**'
- **Admitting the international students** in as many as academic programmes as possible.

- Advising the Faculty of different University Schools of Studies to follow the teaching methodology based on the '**Guru Shishya Parampara.**'
- Constituting an Expert Committee for preparing the proposal for the establishment of a '**Centre for Innovation**' in the University.
- **Inclusion of five Eminent Academicians/ Professionals in the University's Court.**
- Inclusion of name of **Mr. Arun Anand – an Alumni** of the University School of Chemical Technology in the **University's Court.**
- Starting the process of creation of a '**Pension Fund**' so as to grant pensionary benefits to all those employees who had joined the University prior to 01.01.2004.
- Strengthening of the **Academic Audit Cell** of the University along with the quantification of the Format used.
- Creation and making functional the '**Indraprastha Internal Quality Assurance Cell**' in the University w.e.f. 01.01.2011 by enacting a new Statute 33.
- **Shifting of the University from its Kashmere Gate Campus to its Ultra-Modern Main Campus located at Sector-16-C, Dwarka, New Delhi.110075 without break and loss of a single working day/ disturbing the schedule of Academic Calendar.**
- **Filling up of the sizeable number of positions of Professors/ Associate Professors/ Asstt. Professors in different University Schools of Studies.**
- Creation of **Welfare Funds for the employees.**
- **Granting of senior scales to eligible Lecturers/Readers.**
- Approving the proposals of establishing **Endowed Professorship (may be titled as Chairs)** ; efforts are on to create such Chairs in different University Schools of Studies by **accepting donations from corporate houses.**

- Initiating the process of preparing the **Regulation Governing Management and Administration of self-financing institutions/ colleges** established by the trusts/ societies belonging to the private sector
- Granting of **teaching designation / equated teaching designations for teaching cadres/ specialists cadre in the VMMC and Dr. RML Hospital, New Delhi and Army College of Medical Sciences**
- Preparing a '**Working Paper**' for pursuing **Ph.D. in the University's School of Medicine and Para Medical Health Sciences and starting the process of implementing the recommendations** ; to substantiate now under University's Ordinance Governing the Ph.D. programmes the doctors working in the Hospitals and possessing M.D. Degree with certain years of aexperience could be **Approved Supervisors** for guiding Ph.D. dissertations in their areas of specialities ; further, those who have possessed **MBBS with 60% marks could be registered for pursuing research leading to the award of the Degree of Doctor of Philosophy.**
- Enacting the **University's Ordinance 32 : 'Code of Professional Ethics, Discipline, Penalty and Appeal Rules (Teaching Staff)** and **Ordinance 33 : 'Code of Professional Ethics, Discipline, Penalty and Appeal Rules (Non-Teaching Staff)'** as per Centre Civil Services Conduct Rules.
- **Grant of Study Leave** to Sh. Sanjay Dhingra, Asstt. Professor, University School of Management Studies.
- **Filling up of Senior Teaching posts by attracting Associate Professors / Professors who are likely to retire / superannuated and are below the age of 60 years.**
- **Granting of financial assistance / fee concession/ scholarship to the students belonging to economically weaker sections.**

- Adoption of **UGC's Regulations in respect to the terms and conditions for appointment of teachers and also adoption of the MHRD Regulations for extension of services of the teachers upto the age of 70 years.**
- Introducing the **Faculty Appraisal and Development System (FADS)** which provides faculty members to excel through own academic plans.
- **Enhancing of the financial powers of Finance Committee from Rs.1.00 crore to Rs.2.00 crore per item per occasion.**
- Enacting of a New **Ordinance 31** regarding '**Responsibilities and Authorities of the Deans of University Schools of Studies**'
- Enacting of an **Ordinance Governing the Creation of Centres of Excellence**
- Creation of **12 new posts of Directors** in the University for carrying out various academic, research, administrative and extension activities.
- **Granting of Study Leave** to Sh. Dinesh Kumar, University School of Chemical Technology for pursuing Ph.D.
- **Granting of Study Leave** to Dr. Ram Singh Purty, Asstt. Professor, University School of Biotechnology to avail **Boyscast Fellowship 2010-11 of Youngstown State University, Ohio, USA.**
- Establishing of a full-fledged **University School of Architecture and Planning.**
- Conversion of the **Centre for Media Studies** into a full fledged **University School of Mass Communication.**
- **Upgradation of existing Schemes and Syllabi of large number of existing academic programmes and introduction of sizeable number of new academic programmes, including Weekend Programmes for the working professionals.**
- **Merger of Life Science Section of the University School of Basic and Applied Sciences with the University School of Environmental Studies.**

- **Aligning the process of registration of Research Scholars for pursuing Ph.D. with the UGC's Regulation Governing M.Phil/ Ph.D., 2009 and accordingly finalizing the registration of Ph.D. Scholars on the basis of CET and after successful completion of prescribed courseware requirements.**
- **Upgrading the qualifications of Approved Research Supervisors.**
- **Introducing the Norms for Recognition of Affiliated Institutes for Ph.D. programme.**
- Award of Degree of Doctor of Philosophy in Management Studies, and in Engineering and Technology to **Sh. E. Sreedharan and Sh. Brijmohan Lall Munjal**, respectively in Seventh and Eighth Convocations on the basis of Honoris Causa recognizing their unique contributions for the promotion of socio-economic causes.
- Granting of the **status of Approved Research Centres** to the **Lal Bahadur Shastri Institute of Management** and **Birla Institute of Management Technology** for pursuing research for the award of degree of Doctor of Philosophy in management.
- Expanding the scope of the University's School of Information Technology by approving the **change in its name from University School of Information Technology to University School of Information and Communication Technology** ; this change is being implemented as per the laid down University's procedure.
- Enacting a **Regulation for Inspection of Answer Sheets – 2011.**
- Amendment of Ordinance : 12 – Governing Programmes Leading to Degree of Doctor of Philosophy resulting into covering of several new disciplines in which the research could be pursued.
- Establishing of **Indraprastha University Industry Interaction Cell.**

- Preparation of notification to be inserted in the Newspaper as an advertisement as well as uploading it on the University's Website, informing the students for claiming their security deposit before the same is transferred to the University's Account as unclaimed Students' Deposits.
- **Upgradation of the rates of conduction / evaluation of the various examination activities.**
- **Taking up of the prevalent medical scheme of the University for a review so as to cover outdoor and indoor medical treatments.**
- **Enhancing the age from 62 to 65 of holding the position of Dean.**
- Adoption of qualifications and experience as laid down by the UGC, AICTE, BCI, INC, CCH, RCI, COA, MCI, DCI, PCI, NCTE, ACAR, CCIM for the recruitment of teachers for different disciplines with a view to improve the **recruitment of quality teachers in affiliated institutions.**
- **Adoption of Clause XVII of UGC's Regulation** captioned as "Code of Professional Ethics for the Teaching Staff" **related to movable, immovable and valuable property as per the Govt. of India Rules, for inclusion in the University's Ordinance : 31 – Code of Ethics, Conduct, Discipline and Penalties – Teaching Staff.**
- Granting of deputation to Prof. Yogesh Singh in order to enable him to join as Vice-Chancellor of M.S. University, Vadodara, Gujarat.
- Filling up of several senior positions of non – teaching staff.
- Granting of **Sabbatical leave** to Prof. M. Afzal Wani, University School of Law and Legal Studies.
- Filling up of 6 additional posts of Professors, 3 posts of Associate Professors and 6 posts of Asstt. Professors in the different University Schools of Studies.

- Approving of female **employees-friendly guidelines for the grant of Child Care Leave.**
- **Extending** of extra ordinary **leave** for one more year to Dr. Queeny Pradhan, USLLS for enabling her to **complete her Research Project on “Developing the Hill : A Comparative Prospective in the Study of Shimla, Darjeeling, Ootacamund and Mount Abu” (Nineteenth and Twentieth Centry)” at Indian Institute of Advanced Studies, Shimla.**
- Creation for a **“Centre of Study and propagation of Human Values”** in the University ; it would, however, be inaugurated on the Day of Baisakhi in the year 2012.
- Creation of a **“Centralized Counselling Cell”** to help the weak students to develop self confidence and affecting changes in their attitude and behaviour.
- Creation of a **“Staff Development Cell”** will take care of the training needs for both teaching and non teaching employees of the University so as to instrumental in the upgradation of their skills and competencies, besides incubating and inculcating in them a sense of ownership, pride and commitment for the task assigned.
- Constitution of an **“Institutional Ethical Committee”** is in the process for examining the various ethical aspects of the research projects in general, and that of the University School of Biotechnology, in particular.
- Establishment of a **“Central Career Guidance and Placement Cell”** to assist the students belonging to both the different University Schools of Studies and the affiliated institutions in their placements.
- Constitution of **“Central Alumni Committee”** in order to coordinate and strengthen the efforts / actions / outcomes of the different Alumni Associations of the different University Schools of Studies.

- Constitution of an **“Employees Grievance Redressal Committee”** to take care of the grievances of both the teaching and non-teaching staff of the employees of this University.
- Finalization of the **“Action Plan for GGS Indraprastha University for the ‘Next Orbit’**.
- **Shifting of the University to its permanent main campus located Sector-16-C, Dwarka, New Delhi-110075.**
- **Finalization of MoUs with renowned international Universities for facilitating faculty-student exchange, undertaking collaborative research and extension activities with a view to develop global competencies.**
- **Registration of 165 research scholars for pursuing their research works for the award of degrees of Doctor of Philosophy in different disciplines in the preceding 2 years period in sharp contrast to 350 scholars in the initial period of one decade.**

6.2.4 What percentage of the management council’s resolutions are implemented during the last year?

The entire set of decisions taken by the Board of Management during the last year have been duly implemented.

6.2.5 How is the administration decentralized? Illustrate the organization chart.

The University’s Administration, including that related to financial powers, is really de-centralized. This fact could be substantiated merely by two facts : **One**, the University has recently passed a separate Ordinance through which Delegation of Powers has been done to the Deans of University Schools of Studies ; and, **two**, the financial powers have been delegated to the different Authorities of the University.

However, the approval of the Academic Council and the Board of Management remains a statutory binding in Academic and Policy related issues, respectively.

6.2.6 Does the institution have an effective internal coordination monitoring mechanism? If yes, specify.

As have already been detailed out in the earlier Self-Study Report, and is further obvious by the answers of different questions so far, the University has an effective internal coordination and monitoring mechanism. However, at the University's Schools level it has further been strengthened by appointing distinct Directors for Coordination, Research & Consultancy, Research Project Monitoring, etc. Similarly, at the Supportive Branch level now we have a Joint Registrar-Coordination.

6.2.7 How many times does the management meet the staff in an academic year? What are the major issues discussed?

a) What are the norms to extend affiliation to a new institution?

Professional Institutions: Arts, Science and Commerce Colleges
 Law
 Medicine
 Engineering
 Education
 Management
 Others

b) What are the procedures for conferring permanent affiliation to a college?

(a) In so far as granting of affiliation to new institution is concerned, the broad norms remain unaltered excepting that we now insist that the new institution should at least possess undisputed ownership and possession of land measuring not less than 2 acres if it is located in metropolitan cities and 5 acres if it is located in other locations

as laid down in Clause 3.1.1 of UGC's (Affiliation of Colleges by Universities) Regulation, 2009.

(b) The permanent affiliation is granted to any affiliated institution only if it meets the criteria as laid down in the Amended Procedure enclosed as Annexe : III in Part-I of Re-Accreditation Report ; in this regard, it may be mentioned that a Committee has been constituted by the University to examine these Guidelines again in this light of UGC's Guidelines on this subject so as to enable it to proceed ahead not only for grant of permanent affiliation to the eligible affiliated institute/ institutions but also the status of an Autonomous College/s ; as may be seen in **Appendix : XIX in Part-III of Re-Accreditation Report : Appendices**, the University has already taken a decision to grant continuation of affiliation upto a period of 05 years depending upon the grading in which it falls as per aggregate marks it secures at the time of visit by the Joint Inspection Team.

6.2.8 Does the university have a College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, give the details of its structure and functions.

While the structure of the Board of Affiliation may be seen in **Appendix : XVIII in Part-III of Re-Accreditation Report : Appendices**, its thrust in granting affiliation remains on the rigorous scrutiny of new proposals so that all non-deserving proposals stand eliminated.

6.2.9 How does the university promote 'autonomous status' to the affiliated institutions?

Kindly, see, the answer given to Question No.6.2.7.

6.3 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.3.1 Does the institution have a perspective plan for institutional development? How are the various constituencies involved in the process of planning?

Since its inception, the University has the strategy to take along various stakeholders including Industry, Peer Institutions, Research Institutions, Govt. Agencies by their nomination into its different statutory bodies which are responsible for the perspective planning for the University's development, the vital role of these bodies and various constituencies involved is obvious from their vital decisions highlighted by way of answer to Question No.6.2.3. Also peruse, please, the **Appendix : XVIII in Part-III of Re-Accreditation Report : Appendices**, which includes the current composition of the University's different Statutory Bodies revealing the concern as to how much objective and particular the University has been in choosing the '**right representatives**' from its various stakeholders. Consequently, the University's perspective development is bound to take place only in right direction.

6.3.2 Does the institution follow an academic calendar? How effectively is it prepared?

Kindly see the answer given to Question No.2.3.1 of Criterion-II (Teaching-Learning & Evaluation). Further, we would like to mention that even extra-curricular and recreational activities meant for overall personality development and value orientation of the students are also scheduled as part of academic calendar.

6.3.3 During the last five years, specify how many plan proposals were initiated/implemented? Give details.

As recommended from time to time by the statutory bodies of the University in its various meetings held during the preceding 5 years period (2006-11), in general, the University designed several plans in the area of introduction of new programmes, infrastructural development, resource mobilization, research activities, alumni association, internationalization of the University, etc., and the reconstitution of 'Court' and 'Planning Board', in particular and the same were implemented. For the sake of illustration, following new Undergraduate and Postgraduate programmes were introduced :

- A. Undergraduate :**
 (i) *B.Arch* ; (ii) *B.Tech (Computer Science & Engineering)* ; (iii) *BBA,LLB.* ; (iv) *B.Tech – MBA (Dual Degree)*; (v) *Behavior Testing – Weekend* ; and, (vi) *Advanced Course in Behavior Testing – Weekend.*
- B. Postgraduate :**
 (i) *M.Ed.* ; (ii) *M.Tech. (Digital & Wireless Communication)* ; (iii) *LL.M. (Cyber Crime and Cyber Law) – Weekend* ; (iv) *LL.M (Intellectual and Industrial Property Law)- Weekend* ; (v) *MBA (Financial Markets)* ; (vi) *M.Tech (Computer Science & Engineering)* ; (vii) *Master in Mass Communication* ; (viii) *MBA – Consultancy Management* ; (ix) *Master in Journalism (Mass Communication) - Weekend.*

For infrastructural development, the Planned Proposal for the construction of Phase-I of the University's permanent Main Campus located at Sector-16-C, Dwarka, New Delhi-110075 (which would popularly come to be known as 'West Campus') worth Rs.185 crores is nearing completion. And, the Planned Proposal for Phase-I for construction of University's East Campus at Surajmal Vihar, where an Institute of Design and a World Class University's School of Architecture & Planning are to be located has already been approved by the Govt. of NCT of Delhi for a sum of Rs.65 crores and the construction work has already commenced as

per this proposal. Further, the Plan Proposal for Phase-II of Dwarka Campus is being prepared and shall be shortly submitted to the Govt. of NCT of Delhi for necessary funding.

6.3.4 What are the mechanisms evolved by the university to meet the developmental needs of the affiliated institutions?

Aside the continuation of the mechanisms evolved by the University to meet the developmental needs of the affiliated institutions, as mentioned in the earlier Self-Study Report, the University has adopted the requirement of undisputed ownership and possession of land measuring not less than 2 acres, if it is located in metropolitan cities, and 5 acres if it is located in other areas as laid down in Clause 3.1.1. of the UGC (Affiliation of Colleges by Universities) Regulation, 2009 for grant of affiliation to new institutions.

As regards, the minimum eligibility qualifications and experience for recruitment of different teaching positions, the University's Clause 1 (a)(i) of Ordinance No.8 –Appointment of Qualified Staff/ Recognition of Teachers, has recently been amended as thus :

"The teachers possess the qualifications and experience as laid down for various programmes (as pre guidelines of the concerned statutory bodies – UGC, AICTE, BCI, INC, CCH, RCI, COI, MCI, DCI, PCI, NCTE, ICAR, CCIM)."

In case of any variance or contradiction, an appropriate decision may be taken by the academic council and ratified by the Board of Management before implementation.

6.3.5 How often is the functioning of the affiliated institutions inspected and supervised? When was the exercise done last? Give details

Each provisionally affiliated existing institute is inspected at least once by Joint Inspection Team; if it happens to be a new Institute then also by the Joint Inspection Team, provided its proposal is meeting the minimum requirements as per the University's relevant Statute, Ordinance and Policy Guidelines issued by the Govt. of NCT of Delhi. It is on the satisfactory recommendations of this Team alone that the existing institutions are allowed to continue / new institutions are granted provisional affiliation by the Board of Affiliation. However, the University is empowered to conduct any number of surprise visits of any existing/ newly affiliated institute. The exercise of regular comprehensive inspection is carried out normally in the month April/May/ June ; such last exercise was conducted in the months of May/ June, 2011 ; the rigorous proforma used by the Joint Inspection Team for the academic session 2011-12 may be seen **Appendix : XIX in Part-III of Re-Accreditation Report :Appendices.**

6.3.6 Has the University conducted an academic audit of its affiliated colleges? If yes, give details.

The University has in place a separate mechanism to conduct '**academic audit**' of the affiliated institutions. '**Academic Audit Cell**' of the University has been created for continuous monitoring of the affiliated institutions. The operational strategy of this Cell has been to ***"play a supportive/ pro-active role in improving quality of standard of education in the affiliated institute."***

Accordingly, the focus of this Cell while visiting the existing affiliated institutes once in an academic session has been on the following:

- (i) Status of Accreditation ;
- (ii) Ensuring the availability of sufficient and quality faculty, constant upgradation of the skills and educational qualifications of the faculty ;
- (iii) Upgradation of equipments and computers, etc. ;
- (iv) Upgradation of computerization and interconnectivity of libraries ;
- (v) Subscription of foreign journals ;
- (vi) Introduction of latest technology ;
- (vii) Creation of book banks;
- (viii) Intensive research and publication, interactive seminars, conferences, continuing education programmes to widen the spectrum of exposure both for the students and faculties ;
- (ix) Placements of students ; and,
- (x) Any other parameter considered relevant by Academic Audit Cell

The format employed by the Academic Audit Cell for the academic session 2010-11 may be seen in **Appendix : XX in Part-III of Re-Accreditation Report :Appendices** ; in this Appendix, the Format for visit by an Expert Committee constituted by Academic Audit Cell has been included alongwith Guidelines. Further, it is being planned to amend this Format by keeping in view the core criteria of NAAC as applicable to colleges.

6.4 HUMAN RESOURCE MANAGEMENT

6.4.1 How are the staff recruited? Illustrate the process.

The recruitment policies and procedures employed for appointment of faculty and non-teaching staff are elaborated below :

RECRUITMENT PROCEDURE:

1. The requirement of the teaching/ non-teaching staff for recruitment is determined on the basis of the total sanctioned strength, posts filled against the sanctioned strength and the fresh requirement of the manpower taking into consideration the existing manpower and the additional staff required on the basis of the workload projected by the respective Deans/ Personnel Branch.
2. The said proposed posts of teaching/ non-teaching for recruitment are placed before the Competent Authority for consideration and on approval the Recruitment Branch prepare the advertisement of teaching/ non-teaching posts accordingly.
3. The duly approved **advertisement** in brief and details **are uploaded on the University Website** and is also published in the leading newspapers (Hindi & English) on all India basis with last date of receipt of applications, etc.
4. All the applications received against the advertisement as per the last date of receipt of the applications are taken into considerations and synopsis of the same are prepared from the details available in the application form for various posts from the candidates.

5. The designated Screening Committee constituted by the Hon'ble Vice Chancellor short-list the (eligible/ non-eligible) candidates and the minutes of the same are sent to the Hon'ble Vice Chancellor for constitution of Selection Committee as per the Statutes and interview dates for calling the eligible candidates.
6. All the members of the selection committee are provided with the details related to a particular post in respect of which the recruitment process is undertaken. The recommendation of the selection committee is placed before the Vice-Chancellor.
7. The selected candidates as per the orders of the Hon'ble Vice Chancellor are sent offer of appointment letter and on their acceptance and subsequent medical fitness test etc, they are offered appointment orders by Personnel-I in case of faculty and Personnel-II in case of non-teaching staff.

RECRUITMENT POLICY:

Non-teaching:

All the matters related to the recruitment of the non-teaching staff are dealt as per the recruitment rules for the non-teaching staff 2011 framed under clause 5(9) of the University Act and Clause-3 of the Statute 32.

Teaching (faculty):

For teaching the University in general follows the UGC regulations on minimum qualifications for appointment of teachers and other academic staff in Universities and Colleges and measures for the maintenance of standard in higher education 2010 as notified by the UGC vide letter No. F.3-1/2009 dated 30.06.2010.

6.4.2 How does the University assess the need for staff recruitment?

Kindly see the answer given by us to Question No.6.4.1 above.

6.4.3 What percentage of faculty are recruited from other institutions, other states and other countries? Give details

The University was established in 1998. In the initial years, all the faculty members were recruited from other institutions. Over a period of time, there is now a healthy balance of teachers from other institutions and the University. Almost 70 per cent of the faculty members are from other states.

6.4.4 What is the ratio of teachers to non-teaching staff ?

The ratio of teachers to non-teaching staff is 1 : 2.5.

6.4.5 Does the institution have a 'self – appraisal method' to evaluate the performance of the faculty in teaching, research and extension programmes? How far has it motivated the teachers?

Yes, the Faculty Appraisal and Development System (FADS) discussed earlier clearly explains as practiced by this University for its faculty and wherein its performance in teaching, research and extension programme are adjudged. The major highlight of our system is the autonomy that the teachers enjoy in terms of planning of his/ her activities to be undertaken in a given year. Therefore, it is bound to motivate the teachers to perform for the optimal utilization of their potential.

6.4.6 Does the institution appraise the performance of the teaching staff? If yes, specify.

Kindly refer to answer given to Question No.2.5.3 above.

6.4.7 Does the institution appraise the performance of the non- teaching staff? If yes, specify.

The entire non-teaching staff of the University is only assessed for its performance through two distinct Formats : (i) One meant for Officers of the University ; and, (ii) Two, meant for the other Staff of the University. The various parameters employed in these formats may be seen in the enclosed **Appendix : XXI** in **Part-III of the Re-Accreditation Report :Appendices** wherein these formats have been reproduced ; incidentally it is added that Format -1 is for Officers and Format-2 is for Other Non-Teaching Staff.

6.4.8 Has there been any study conducted during the last five years by the university / government or by any other external agencies on the functioning of any aspect of academic and administrative management? If yes, give the details of the reports.

The University has undergone the various stages of assessment by Standardization Testing and Quality Certification Directorate, Ministry of Communications and Information Technology, Govt. of India since February, 2008 and consequent upon its accomplishment, the University was initially awarded the ISO 9001 : 2000 Certification which was upgraded to ISO 9001 : 2008 in August, 2009. Further, in February, 2011, the University has been Re-Certified as ISO 9001 : 2008 for another period of three years.

The photocopy of the Report of First Surveillance Assessment conducted on October 05, 2011 is enclosed as **Appendix : XXII in Part – III of the Re-Accreditation Report :Appendices** for perusal by the esteemed members of the Peer Team.

6.4.9 Has the institution conducted any programme for skill upgradation and training of the non - teaching staff based on the performance appraisal? Give details

Since the **Staff Development Cell** has been recently created in this University, the non-teaching staff of the University was being sent for acquiring the kind of the skills required to attend the training programmes being conducted by the outside organizations from time to time, the details of the same are attached as **Appendix : Appendix : XXIII in Part –III of Re-Accreditation Report :Appendices**. However, quite a number of in-house activities have now been planned by the University's Staff Development Cell.

6.4.10 Does the institution conduct staff development programme for the teaching staff & non-teaching staff? Illustrate.

Apart referring to the answer to question No.6.4.9, it may be relevant to mention here that the Staff Development Cell has also planned series of Training Programmes for the teaching staff.

6.4.11 How are teaching staff encouraged to use the computers, Internet, audio-visual aids, computer aided packages, etc.?

The University has state-of-the-art computing infrastructure. Each faculty is given access to computer and internet connection. Any request from the teaching staff for undertaking specialized training in the use of computer aided packages and other internet resources is liberally granted permission.

6.5 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.5.1 Provide income / expenditure statement for the last financial year?

(Provide the same to the peer team during the on site visit)

The Income & Expenditure Statement for the financial 2010-11 is reproduced below :

Particulars	Rupees in Lacs
INCOME	
1. Income From Sales & services	1,648.62
2. Grants\Subsidies	-
3. Fees & Subscriptions	7,090.32
4. Income From Investments	-
5. Income From Royalty, Publication Etc.	0.53
6. Interest Earned	1,153.57
7. Other Income	15.23
GRAND TOTAL OF INCOME	9,908.27
EXPENDITURE	
(i) Recurring Expenditure (Revenue)	
1. Establishment Expenses	2,846.26
2. Other Administrative Expenses	1,677.65
3. Examination Expenses	1,085.87
4. Academic Expenses	130.28
5. Expenditure On Grants\Subsidies	-
6. Interest	0.00
Total of Recurring Expenditure (Revenue)	5,740.06
(ii) Non-Recurring Expenditure (Capital)	
1. Plant, Machinery & Equipment	57.05
2. Vehicles	11.10
3. Furniture & Fixtures	267.73
4. Office Equipment	39.75
5. Computer	265.65
6. Software & other Peripherals	0.24
7. Networking	0.60
8. Library Books	338.96
9. Building	-
10. Sports Equipment	0.75
Total of Non-Recurring Expenditure (Capital)	981.83
Total of Recurring and Non-Recurring Expenditure	6,721.89
(iii) Appropriation to other Heads (Reserve)	
1. Provision for Leave Encashment	44.50
2. Provision for Gratuity	33.18
3. Transfer to Corpus Fund	2000.00
4. Depreciation	565.00
5. Others	543.70
Total	3186.38
GRAND TOTAL OF EXPENDITURE	9,908.27

6.5.2 Is the operating budget of the institution adequate to cover the day-to-day expenses? If not, how it is managed?

The University has an effective financial management system which ensures that the day-to-day expenses of the University are more than adequately covered by the operating budget.

6.5.3 Is the maintenance budget of the institution adequate with reference to its infrastructure and learning resources?

The maintenance budget of the University is sufficient enough for meeting the requirements pertaining to infrastructure and learning resources.

6.5.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

In so far as the audit of University's Accounts are concerned, the system as explained in the earlier Self-Study Report remain unchanged ; of course, it is carried out on a regular basis. Fortunately, so far no major audit objection has been pointed out during the course of ELFA and C&AG Audits.

6.5.5 Does the institution have a mechanism for internal and external audit? Give details.

The three-fold stepwise mechanism for an external audit, namely, first by a designated Chartered Accountant, second by the Examiner Local Fund Audit of Govt. of NCT of Delhi and thirdly, C&AG of Govt. of India exists in the University.

6.5.6 What are the current tuition and other fees?

Tuition and other fee chargeable for the academic session 2011-12 from the students of different academic programmes conducted in the University Schools of Studies are detailed out in the relevant Admission Brochures.

6.5.7 How often is the fee revised?

The fee structure for the different academic programmes as conducted by the University Schools of Studies has so far been revised only once since its establishment.

6.5.8 What is the quantum of resources mobilized through donations? (other than block grants) Give details.

The option of mobilizing resources through donation is yet to be exploited.

6.6 BEST PRACTICES IN GOVERNANCE AND LEADERSHIP

6.6.1. Describe best practices in Governance and Leadership adopted by the college in terms of institutional vision and leadership / organizational arrangements / strategies development / deployment human resource management / financial management and resource mobilization

The Vice-Chancellor, Prof. D.K. Bandyopadhyay, is committed to the values of excellence and innovation for strengthening the teaching-learning system of the University. In order to institutionalize his vision, a series of measures have been undertaken which include : Decentralization of the Administration ; Granting of greater financial and administrative autonomy to the Deans of various University Schools of Studies ; Promoting faculty autonomy in terms of introduction of FADS and motivating them to work towards relevant and quality research ; introduction of Best Researchers' Award to about 8-10 faculty members on the occasion of Teacher's Day celebrated on September 5, every year ; Addressing the faculty, staff and students during the flag hoisting ceremony on 'Independence Day' and 'Republic Day' urging them to attain the warranted intellectual fervour and absorb the ethos of commitment to national development ; Working for an effective International Collaborations; and, Developing Mechanisms which may help the faculty and the administration to work towards the accomplishment of organizational objectives of excellence. The University has been certified by ISO 9001 : 2008 from STQC Directorate, Ministry of IT & Communication for its Quality Policy and Procedures. It also has an "Internal Quality Assurance Cell". Being an affiliating University, it has developed an effective affiliation procedure to ensure that the same set of quality, ethos and standards are also practiced in the affiliated institutions as well. This mechanism includes : Programme Coordination Committees, having 'representatives' of the affiliated institution on the 'Court', 'Board of Management'

and 'Board of Studies' of relevant Schools of Studies, over and above an Academic Audit Cell. By organizing conferences/ seminars/ workshops, apart from allowing the faculty to proceed for refresher and orientation programme, training needs of the faculty are met. A prudent system of financial management apart, the University has a good 'Corpus Fund' to take care of future needs of expansion and strengthening of teaching-learning infrastructure *via* regulating its operational expenses through allowing 'wisdom-oriented expenditures' only on the one hand, and charging the students admitted in the affiliated colleges on an incremental basis by linking them with their fee structure and growing revenue generation.

ANSWERS TO QUESTIONS MEANT FOR RE-ACCREDITATION:

1. What were the evaluative observations made under Organisation and Management in the previous assessment report and how have they been acted upon?

The Peer Team of NAAC recommended the establishment of Internal Quality Assurance Cell. In 2008, the University volunteered to go for IS 9001 : 2000 Certification as its first step towards developing the quality management system for academic as well as administrative units of the University. Subsequently, in 2011, Indraprastha University Internal Quality Assurance Cell (IIQAC) has been established. In so far as adoption of performance appraisal format of NAAC for faculty appraisal and students' feedback is concerned, the format of FADS and students' feedback for ISO certification have been designed by taking them into consideration. It was also advised that Govt. of NCT of Delhi should be requested to make provisions for developing the infrastructure on the Main Campus located at Sector 16-C, Dwarka, New Delhi and East Campus located at Surajmal Vihar, Delhi. It is significant to mention that the Govt. of NCT of Delhi has given a grant of Rs.186.88 crores for development of the Main Campus located at Sector16-C, Dwarka, Delhi and Rs.64.88 crores for development of its East Campus located at Surjamal Vihar, Delhi as requested by the University.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Organization and Management?

For the purpose of meeting the training and development needs of the teaching and non-teaching staff of the University, a '**Staff Development Cell**' has been created. Further, the staff is liberally permitted to attend training programmes and workshops offered by the External Agencies. Efforts have been initiated to bring in greater transparency in allocation and utilization of financial resources in the University. Wherever possible, purchases are made through the process of open tendering and notices are uploaded on the University's website. Other quality sustenance and enhancement measures have been discussed while answering the questions relating to the Criterion : VI – 'Governance and Leadership.'

CRITERION VII :
INNOVATIVE PRACTICES

CRITERION VII: INNOVATIVE PRACTICES

7.1 INTERNAL QUALITY ASSURANCE SYSTEM

7.1.1 What mechanisms have been developed by the institution for quality assurance within the existing academic and administrative system?

The University has developed several quality assurance mechanisms within its existing academic and administrative set-up. The generated mechanisms broadly include the following :

- (i) **Effective Statutory Bodies** like Court, Planning Board, Board of Management, etc. for planning, monitoring and evaluation of quality measures ;
- (ii) **Implementing Mechanism** in the form of Deans Committee, appointment of Directors with specific portfolios, Board of Studies, School Research Committee, etc. ;
- (iii) As part of the quality assurance system of the University, the **Indraprastha University Internal Quality Assurance Cell (IIQAC)** has been established with the objectives of :
 - *Realizing the goals of quality enhancement and sustenance via developing a system for conscious, sustained and catalytic improvement in the performance of academics, research, consultancy and social programmes/extension activities undertaken by the University in its different University Schools of Studies.*
 - *It further implies a sustained improvement in the performance of administrative and financial systems that have been created and developed over a period of time for the accomplishment of the primary financial objective of establishing this University.*

These mechanisms apart, the University has also (a) established an Indraprastha University Industry Interaction Cell for establishing linkages with industries ; (b) Central Alumni Committee ; (c) Centralized Counselling Cell ; (d) Staff Development Cell ; and, (e) Central Career Guidance and Placement Cell. These mechanisms further aid in assuring quality within the existing academic and administrative system of the University.

7.1.2 What are the functions carried out by the above mechanisms in the quality enhancement of the institution?

Following tasks are facilitated by the above mechanisms in quality enhancement of the University :

1. Have helped in developing of a **structured process** and **standardized methodology** for the development of market oriented new curriculums and their upgradation so that the same are as per the needs of economic developments in India and abroad.
2. **Communication with the UGC's/AIU/ Statutory Bodies for formulating Policy Guidelines for accelerating the completion of academic programmes “in periods less than those normally stipulated.”**
3. A **Committee has been constituted** by the Hon'ble Vice-Chancellor for : **(a) Promotion of Inter-disciplinary Research, Teaching and Developmental activities** including developing of a pool of elective courses which are of inter-disciplinary in nature and same could further be offered as part of Choice Based Credit System ; and, **(b) Identifying the requirement for structured ‘Remedial’ and ‘Bridge Courses’** keeping in view the University's Profile of academic programmes.
4. **Best Researchers’ Award** : Developing and Implementing the Scheme of Best Researchers’ Awards to the Teachers for motivating them for carrying out research matching with the international standards .

5. **Taking care of the Research Scholars requirements for Books and Journals** on priority by the University Information & Resource Centre.
6. The proposal of furnishing the Xerox copies of the answer scripts of end-term University examinations is in the process of examination.
7. With a view to promote **collaborative research of global standard**, the University is encouraging formal collaborations with the national and international institutions alongwith institutional efforts *via formal agreements/ MoUs with foreign and Indian Universities/ Institutions* for faculty and students exchange and provide horizontal mobility.
8. While the University has already converted the Guidelines relating to Sponsored Research Projects into a distinct **Ordinance Governing the Sponsored Research Projects**; however, the necessary formalities are being met in order to give it the shape of a formal legal document. In the context, it would be pertinent to mention that the University is also in the process of introducing the mechanism of an internal audit which shall further take care of any financial / audit implications of the autonomy that this Ordinance too provide to the Principal Investigators.
9. The University has also established an **Indraprastha University Industry Institute Interaction Cell and necessary measures are in the pipeline for making it operational in a full fledged manner in the University** for establishing necessary linkages with the industries.
10. An IPR Policy has further been formulated so as to facilitate the protection of IPRs of the faculty members in the form of patents, which in their turn aid in technology transfer from here to another beneficiary. This IPR Policy shall be implemented through an IPR Cell under the guidance of Director-Research & Consultancy.
11. **An Entrepreneurship Development Cell (EDC)** is already operational in the University under the guidance of one of the Senior Professor of the University.

12. **University's Policy for Extension Activities** is also in the process of its finalization for ensuring required level of social and community orientation among the students.
13. The **e-Governance** is also being implemented in the different branches of the University's Administration, including the University's Examination Branch, University Information Resource Centre aside the different University Schools of Studies.
14. The University is quite particular on the following scores:
- (a) **Strict adherence to Academic Calendar ;**
 - (b) **Timely announcement of Examination results ;**
 - (c) **Prevention of students' ragging in the University ; and,**
 - (d) **Facilitating the interaction of society and industry with the students and faculty.**
15. **The existing guidelines for grant of Permanent Affiliation are further being examined by a Committee of Experts** so that some of the affiliated institutions of the University are enabled to evolve themselves as Autonomous Colleges.
16. The University has the following **Welfare Schemes** for the students :
- (a) FREESHIPS ;
 - (b) DOCTORAL AND POST DOCTORAL FELLOWSHIPS ; and,
 - (c) MERIT SCHOLARSHIPS.
17. The following **Weekend Programmes are also conducted by this University for the benefit of employed professionals for facilitating continuing education and learning which may enable them in availing career advancement opportunities that may arise either in the existing or other organizations :**
- M.Tech. (Information Technology) (Weekend)
 - M.Tech. (Electronics and Communicating) (Weekend)
 - MBA-(Weekend)
 - MBA-Real Estate (Weekend)
 - MBA- Banking & Insurance (Weekend)
 - MBA (Consultancy Management) (Weekend)
 - Master in Journalism and Mass Communication (Weekend)
 - LL.M. in Industrial and Intellectual Property Laws (Weekend)
 - LL.M. in Cyber Crimes & Cyber Law (Weekend)
 - Certificate in Basic Course in Behaviour Testing (Weekend)
 - Certificate in Advanced Course on Behaviour Testing (Weekend)

18. The University has started publishing a Booklet on “**Programmes of Studies at Guru Gobind Singh Indraprastha University**” for the academic session 2012-13 this Booklet is being published under the guidance of University’s Controller of Examinations.
19. A Booklet on “**Capability Profile**” is also being prepared for its publication by the University under the guidance of one of the Senior Dean of the University with a view to attract lucrative consultancy assignments from the industries/ governmental and non-governmental organizations.
20. **A Central Career Guidance and Placement Cell has established for assisting the students in their final placements** ; this assistance shall be available for all the students, namely, those belonging to University Schools of Studies as well as those who are studying in the institutions affiliated to us.
21. A ‘**Central Alumni Association**’ has been constituted for playing an apex role for the Alumni Associations of all the University Schools of Studies.
22. The ‘**Centralized Counselling Cell**’ has been created for monitoring weak students to build up self-confidence and also to meet their special psychological needs of such students with a proviso to employ one trained counsellor.
23. A ‘**Staff Development Cell**’ has also been created under the Chairmanship of one of the Senior Professor of the University, One Associate Professor and One Senior Officer from the Non-Teaching Staff. This Cell is working out the necessary details of the nature of the periodic in-house faculty and non-teaching Staff Development Programmes/ Pedagogies Workshops, etc. that could be conducted for the teaching and non-teaching staff.
24. The **University’ Website** (www.ipu.ac.in) is already available for use by the different stakeholders of the University. While it is updated from time to time, certain informations, are, however, uploaded for a defined period.

25. An Employees Grievance Redressal Committee has been constituted for resolving personal grievances of teaching and non-teaching employees of the University.

7.1.3 What role is played by students in assuring quality of education imparted by the institution?

1. Students Feedback on programmes of studies, teaching-learning process, evaluation system and their grievances related to various academic and other institutional matters are considered seriously for quality sustenance ;
2. Various Students Forums are found functional in different University Schools of Studies like SAInt, Synergy, etc. which organize technical festivals, guest lectures, exhibitions, quizzes, etc. to add value to the curricular inputs by way of development of their managerial skills and overall self-esteem.

7.1.4 What initiatives have been taken up by the institution to promote best practices in the institution? How does the institution ensure that the best practices have been internalized?

UGC Regulations, Guidelines and Best Practices followed in national and internationally renowned Peer Institutions are taken into consideration while planning the set of best practices to be adopted in the University ; these are first discussed and deliberated upon at the relevant statutory forums including IIQAC and thereafter a final decision is taken. This system also ensures an effective internalization of the chosen best practices as they come to be owned.

Examples of a few initiatives taken for introducing best practices during the last five years include :

1. FADS ;
2. Best Researchers' Awards;
3. Amendment in the University's Ordinance Governing the Doctoral Programmes ;

4. Registration of Research Scholars for pursuing research for the award of Degrees of Doctor of Philosophy in different disciplines after qualifying the Common Entrance Examinations, Interviews and also subject to passing out of the prescribed course requirements.
5. Recognition of Research Supervisors as per upgraded standards ;
6. Initiation of Innovative Programmes in Emerging areas of national development ; and,
7. MoUs with foreign / Indian Institutions for faculty and students exchange programme.

7.1.5 In which way has the institution added value to students' quality enhancement?

Measures that have added value to students quality enhancement include :

1. Academic Flexibility and Course Options through modular programmes and elective options in most of the academic programmes ;
2. Introduction of innovative courses that are as per the need for the economic development, on the one hand, and the society, on the other ;
3. Uplifting students support services and facilities, i.e. physical infrastructure, academic ambience and financial support ;
4. Encouragement to disadvantageously placed group of students through remedial measures, a system of 360° appraisal system where students feedback is given due weightages ;
5. Making available funds for conducting Alumni Meet and their subsequent activities ; and,
6. Invited Lectures from eminent personalities representing academics, Industries, theatres and media, NGOs, etc. under the sub-platform of 'IUIIC' , namely, '**Indraprastha Colloquium**'.

7.2 INCLUSIVE PRACTICES

7.2.1 What practices have been taken up by the institution to provide access to students from the following sections of the society:

- a) Socially-backward**
- b) Economically-weaker and**
- c) Differently-abled**

It is ensured that implantation of the Reservation Policy alongwith its wide publicity through Admission Brochures and subsequent reporting in the Leading Newspapers helps to provide greater access to the students from the socially backward and differently-abled students. Economically weaker sections of the students are supported through the freship mechanism which is available to both the students of University Schools of Studies as well as institutions affiliated to this University. In addition, rooms are reserved for differently-abled students in both the girls and boys hostels. For an easy movement we have ramps and lifts also for the differentbly-abled students.

7.2.2 What efforts have been made by the institution to recruit staff from the disadvantaged communities? Specify?

- a) teaching**
- b) non-teaching**

In the recruitment of teaching and non-teaching positions, reservation policy of Government is followed. It is obvious from the answers of the questions related to teaching and non-teaching staff that gender balance is quite favourable and SC/ST/OBC representation is as per the norms.

7.2.3 What special efforts are made to achieve gender balance amongst students and staff?

1. For students, there is no separate quota for women in the reservation policy for admission. However, the indicators reflect that majority of the programmes have 50% or more women students ;
2. IGIT, a maintained college was established as the first women engineering college in India with the objective of imparting technical education to the women, keeping in view the global technological developments and to meet the requirement of Indian industries in 21st Century ; and,
3. Women Faculty are represented in most of the Statutory Bodies, Centres, Committees and Cells that this University has constituted at the initiative of IIQAC.

7.2.4 Has the institution done a gender audit and/or any gender-related sensitizing courses for the staff/ students? Give details.

Gender Audit is conducted as part of documentation and analysis of the Enrollment Data for different batches of students. Among the students of all University Schools of Studies 50% or more are women. And, among the teaching faculty, 47% are women. Further, among the non-teaching staff, the strength of women constitute nearly 35 per cent.

As we have already detailed out the nature of the women related sensitizing courses in adequate details in the earlier Self-Study Report, the same need not be repeated.

7.2.5 What intervention strategies have been adopted by the institution to promote overall development of the students from rural/ tribal background?

Guru Gobind Singh Indraprastha University has been established to cater to the requirements of the students of National Capital Territory of Delhi. Therefore, most of the students are from the urban backgrounds. However, there are some villages constituted to the peripheral to the boundaries of Delhi. In order to meet their requirement following strategies have been adopted :

- (i) Affiliation has been given to institutions that are in the rural / ***lal dora*** and **extended lal dora** so that the students from those areas are being benefited which are going to be regularized in the Master Plan of Delhi, 2021 ; these institutions are in almost all the professional disciplines ;
- (ii) Pedagogy employed by the Teachers ensures that teaching, skills, background and competency of students coming from rural section are taken care of.

7.2.6 Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

The required mechanism exists in the office of the Controller of Examinations Branch of the University.

7.3 STAKEHOLDERS RELATIONSHIPS

7.3.1 How does the institution involve all its stakeholders in planning, implementing and evaluating the academic programmes?

The Institutions involve all its stakeholders in planning, implementing and evaluating the academic programmes as is evident in the curriculum development process as exhibited in Part-II, Criterion-I vide Question No.1.1.5.

7.3.2 How does the institution develop new programmes to create an overall climate conducive to learning?

The University developed its entire set of new programmes keeping in view the overall national and global trends, aside employing the teaching-learning process which is of preferred choice of the students admitted to these programmes. Further, infrastructural set up is also as per the perceived expectations of the students.

7.3.3 What are the key factors that attract students and stakeholders resulting in stakeholder satisfaction?

The final products as produced by the University run Schools of Studies, being as per the requirements of different stakeholders, obviously we expect that it not only sustain the present level of stakeholders satisfaction but also this level is steadily witnessing an upward trend which would surely enhance the satisfaction level of stakeholders.

7.3.4 How does the institution elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co - curricular activities, research, community orientation the personal/ spiritual development of the students ?

The University solicits the cooperation from all categories of stakeholders broadly in two ways. **One**, by offering choiced-careers to the students. **Second**, by facilitating the employers to make use of the products of various academic programmes without spending any financial resources on their re-training and orienting them to their environment.

7.3.5 How does the University anticipate public concerns with current and future programme offerings and operations?

The public concerns with both the University's current and prospective programmes offered and operations are perceived through providing adequate representations in the different Statutory Bodies of the University as well by associating them to the activities of the University Schools of Studies alongside their co-curriculum and extension activities.

7.3.6 How does the institution promote social responsibilities and citizenship roles among the students? Does it have any exclusive program for the same?

Apart from series of extension activities which this University is already organizing, it is already in the process of finalizing its overall policy for extension activities which we are sure shall further promote its role in shouldering social responsibilities and the warranted citizenship roles among the students.

7.3.7 What are the institutional efforts to bring in community-orientation in its activities?

Over and above the answer given to Question No.3.6, it could be added that the generic policy for the extension activities must enable it in multiplying its institutional efforts for the benefit of the community at large.

7.3.8 How does the institution actively support and strengthen the neighborhood communities? How does the University identify community needs and determine areas of emphasis for organizational involvement and support? How do the faculty and students contribute in these activities?

The community needs and the concerned areas wherein the University can play its role are primarily determined on the basis of feedback received from the students who are actively participating in the neighbourhood related activities. Whenever the need for specific basic training is felt by the neighbourhood community, faculty actively contribute towards it by way of organizing such programmes ; to substantiate, the University School of Information Technology organized the training programme for Delhi Police Personnel in the area of Cyber Crime.

7.3.9 Describe how the institution determines student satisfaction, relative to academic benchmarks? Does the institution update the approach in view of the current and future educational needs and challenges?

The University follows the proforma of Faculty Appraisal and Development System (FADS) as also the proforma used by Internal Auditors as part of ISO Certification to determine the level of students feedback.

Further, the University is committed to have a periodic review of the above mechanisms with a view to align it to the future educational needs and challenges.

Thus the University updates its approach from time to time in respect to current and future educational needs and challenges. For example, in his special message for the New Year 2012 the Vice-Chancellor of the University emphasized that :

“In today’s high technology driven era, we have come to accept the notion that our University can no longer function in isolation from the world, and hence we need to focus on new innovations in the produce line, business worriers, analytics based decision making, connectivity platforms for a turnaround, sustainable development, public financing for social sectors, sponsor social security, etc. in our teaching-learning processes.

In past few months, we have been hearing a lot about the damage that has been done to the country at large by the corrupt practices noticed almost in the every walk of life. However, I am confident that this loss of faith in our politicians, bureaucrats and other segments of our populace will see an improvement in New Year, as the Nation is already searching for resolving the challenges it is facing on this account.

Looking ahead to 2012, the University proposes to propagate Indianized Values and Ethics among all of its stakeholders – students, faculty, employees, and others. While we have enacted Ordinances Governing the Code of Ethics, Conduct, Disciplines and Penalties for the University’s teaching and non-teaching staff, we expect that the same shall be followed by affiliated institutions for their employees.

For the students, we propose to go beyond the books by propagating among them the emergent heed for their value-based and ethically sound professional behaviour through a distinct platform. In doing so, our attention shall not confine to the students of University Schools of Studies alone but, without blinking an eye, on every student irrespective of his/ her affiliation. I hope that every one would help me in accomplishing these ‘resolutions’ of the University.”

7.3.10 How does the institution build relationships

- to attract and retain students**
- to enhance students, performance and**
- to meet their expectations of learning**

Over and above, the relevant portions of answers to Question No.7.3.2, 7.3.3, 7.3.4 above, the very fact that all academic programmes are professional in nature having warranted opportunities for career progression coupled with the fact that students-centric learning system is in place ensure that their learning expectations are met which in turn not only enhances their performances but also assist the University in attracting and retaining them with it.

7.3.11 What is the institution's complaint management process? How does the institution ensure that these complaints are resolved and promptly and effectively? How are complaints aggregated and analyzed for use in the improvement of the organization, and for better stakeholder-relationship and satisfaction?

The University's compliant management process is comprised of the Students Council, the University Complaint Committee and the Employees' Grievance Redressal Cell. The complaints lodged by the students are resolved through the Students Council ; the complaints related to sexual harassment are taken care of by the University Compliant Committee ; and, the personal grievances, if any, faced by the teaching and non-teaching staff are dealt with by the Employees Grievances Redressal Cell. In so far as the analysis of these complaints is concerned, it is done through the Office of the Director, Students Welfare, Deans of University Schools of Studies, Registrar and Vice-Chancellor as per the various rules and regulations laid down in the University's Act, Statute and Ordinances. These mechanisms have

resulted steadily better and better stakeholders relationships and increased level of satisfaction all through its operations.

ANSWER TO THE QUESTION MEANT FOR THE RE-ACCREDITATION

1. How are the Core Values of NAAC reflected in the various functions of the institution ?

The cause of Human Resource Development and Capacity Building of individuals as undertaken by this University in the form of academic programmes, research and extension activities dominantly takes care of not only the needs of Indian economy and society but also those which are evinced by other countries of the world in the shape of knowledge, skills development and competencies. Needless to reiterate that all the aforesaid activities of the University have all through been highly innovative, creative and entrepreneurship-oriented.

To this, it may be added that the entire teaching-learning processes are ICT enabled. Even the institutional activities are supported by ICT. Through the mechanism of including relevant courses and inculcating value system in the academic programmes indianized value system is imbibed among the students. The inauguration of the Centre for the Study and Propagation of Human Values' on the day of Baisakhi of this year, shall further strengthen the University's contribution in this direction. The broad spectrum of extension activities undertaken too bolster this cause.

The University has also taken a lead for the promotion of vital cause of "Quest for Excellence" by recently enacting a separate Ordinance for the establishment of Centre of Excellence in the University ; the relevant Ordinance may be seen in **Appendix : XXIV in Part-III of Re-Accreditation Report :Appendices**. To begin with, this exercise of

establishing of Centre of Excellence is to be taken up in the area of pharmaceutical sciences.

In the years to come, it is expected that the institutions contribution towards this cause shall surely witness a quantum jump.

-XX-

-X-

**C. EVALUATIVE REPORTS OF THE
UNIVERSITY SCHOOLS OF STUDIES
(USS)**

**1. UNIVERSITY SCHOOL OF ARCHITECTURE &
PLANNING [USAP]**

1. UNIVERSITY SCHOOL OF ARCHITECTURE & PLANNING (USAP)

The University School of Architecture & Planning (USAP) started the B.Arch Programme in the University in 2009. As in other academic programmes, method of continuous student assessment is being practiced in this programme too. But the fact that B.Arch Programme is a studio based programme where more than eighty five percentage of credits are to be earned from studio/practical components of the curriculum, makes this programme an unique one. The rigorous continuous evaluation of the students ensures that the products of the School serve the profession effectively. At present the total strength of the Students in the School is 162, of which 66% are women

School has independent Architecture Studios and Workshops. The School has a separate library with sufficient volume of books and journals, covering both national and international collection. The School has an advanced computer Lab with 45 computers and peripherals alongwith the specialized softwares. The faculty uses technology aids to elaborate their lectures in addition to the component of site visits, hands on experience in workshop, movie/films etc. for effective teaching-learning experience. Faculty of the School acts as mentors of the students, who regularly remain in contact with faculty for completion of their projects and assignments, apart from counseling for their personal as well as academic problems.

The thrust area of research in the School is Sustainable Development, Built Environment, Design and Construction as per contemporary challenges, Urban Development, Build Management, Technology and Ecology, Housing for the Urban Poor, Cultural and Architectural Conservation, etc. It is significant to mention that faculty of the School is actively involved in the various activities of the University like Planning and Construction of Phase-II

of Dwarka Campus, as well as Surajmal Vihar Campus apart from being members of various committees constituted for the infrastructural development of Dwarka Campus. Presently two Consultancy Research Projects are in progress namely, "**Preparation of Local Area Plan for 3 MCD Wards of Delhi**" and "**Rental Housing Options for EWS/LIG**" awarded by National Research Centre, Ministry of Housing and Urban Poverty Alleviation.

The future plan of action for the next five years includes establishment of USAP as a Centre of Academic Excellence in the area of **Sustainable Architecture and Planning**, initiating inter-disciplinary Post Graduate and Doctoral programmes. It intends to further enrich the laboratories and, workshops with state-of-the-art facilities so as to develop and propagate the environment for research oriented development and start its own journal.

Though, right now operating from Kasherem Gate Campus on account of it being the most latest University's School, its world class infrastructure is to be constructed at the University's East Campus located Surajmal Vihar.

XXXXX
XXX
X

**2. UNIVERSITY SCHOOL OF BASIC & APPLIED
SCIENCES [USBAS]**

2. UNIVERSITY SCHOOL OF BASIC AND APPLIED SCIENCES (USBAS)

University School of Basic and Applied Sciences (USBAS) was initially conceived to impart teaching of basic sciences and their applied part related to different interdisciplinary courses belonging to different University Schools. USBAS has a total faculty of 24 of which 23 are qualified with Ph.D. degree and one is M.Tech. Thus, USBAS impart education of Physics, Chemistry and Mathematics in first year of B.Tech courses to ~ 800 B.Tech. students of different University Schools.

However, **as of now it also conducts two advanced Programmes namely, M.Tech (Engineering Physics) and M. Tech. (Nano Science & Technology)**. The admissions to these programmes are finalized on an all- India-basis-merit and every year 33 students are admitted in these courses. In M. Tech courses the gender ratio, F/M is ~ 40/60. The faculty of School is fully qualified and is quite experienced. Most of them are involved in teaching of both UG, PG and the research work carried out and it is based on International collaborations. Also, in the last two years 7 faculty members have been benefited by the orientation/ refresher courses. The faculty is having collaboration for research with the prestigious institutes in the country and abroad such as, NPL, DRDO, IUAC, IGCAR, BARC, CECC, IOP(Taiwan) and INPE and JINR(Russia) and have been publishing ~20-25 research papers per year in these collaborations leave aside **similar number of their own**. In last 5 years the USBAS faculty has published ~130 papers in journals and in the national and international conferences/ symposia. Every year 5-6 faculty members attend conferences/ meetings abroad. Similarly, every year several M.Tech students get fellowships for higher and advanced works and employment either in industries or in R&D organizations.

The USBAS has two well equipped centres for grooming in experimental techniques i.e. TRC and a set of Nano Science laboratories. The areas of research and advance works pertaining to the USBAS are Nano Science, Solar thermal energy, Nano electronics, Ion beam Techniques, High Energy Physics, B-Physics, QCD Phenomenology, Relic Neutrinos and Radiation damage, ADS Physics and R&D related to ADS Technology, Material science, Quantum Optics and Quantum Coordinate Chemistry, Theoretical Physics and Modelling, Polymer Chemistry, Organometallic Chemistry, Metal Ion Catalysed / promoted Organic Chemistry, Non-Linear Systems, Optimization and Operation Research, Space dynamics and Stochastic processes etc.

This year the faculty of the School has got 08 research projects from different funding agencies and a Mega project from BRNS is being considered for grants to the USBAS. The USBAS has also been granted FIST –I project for Physics worth Rs.1.2 crores. Further, UGC has also granted the sanction for starting the innovative programme titled, '**Post-Graduate Diploma in Radiological Physics**' under the Scheme titled, 'Innovative Programmes.' And, the School intends to start this programme w.e.f. the academic session 2012-13.

After having run the two professional M.Tech courses USBAS is also planning to start '**Radiation Facility for the R&D of Nano Technology**', '**Nuclear Data and Modifications of Materials by Irradiations as well as Training, Tool for Application of Radiation in Medical Science** for a better R&D support for the national growth.

XXXXX
XXX
X

**3. UNIVERSITY SCHOOL OF BIOTECHNOLOGY
[USBT]**

3. UNIVERSITY SCHOOL OF BIOTECHNOLOGY (USBT)

University School of Biotechnology (USBT) has been set up with the mission of generating world class human resource and knowledge base for biotechnology education, research and development based on goals of national development, social awareness and conscience. The vision of USBT has been to impart learner-centric education, research demonstration and dissemination of knowledge that may be needed for a sustainable society. The School offers B.Tech/M.Tech (Dual Degree) and Ph.D. Programmes. Admission to these programmes is strictly through an All Indian Common Entrance Tests. Overwhelming demand of Biotechnology professionals led to an increase in seats from 30 to 45 in the academic session 2006-07. The applicant's intake ratio has been highly competitive.

The School is equipped with advanced equipments costing over Rs. 5.5 crores and has been ranked second in terms of library and infrastructure after JNU, with an overall fourth rank in the country by Cyber Media Research (publishers of Biotech magazine Biospectrum, August 2010). USBT is the youngest among all Top Ten Biotech Schools and it was ranked fourth in the country for Industrial Placement as well. The USBT has established state-of-the-art laboratories for teaching and research in different areas of biotechnology viz. plant tissue culture, animal tissue culture, genomics, proteomics, microbial technology and bioinformatics. USBT recently, acquired automatic DNA sequencer and FT-NIR facility also.

The School has a research programme leading to the award of Ph.D. Degree in various sub-disciplines of Biotechnology. Research is an important activity of USBT that has led to publication of over 200 research papers in last 7 years of which 105 are in International Journals. Presently there are 20 students pursuing Ph.D. under the guidance of faculty members. The thrust area of research being conducted in the School include: plant biotechnology; structural and functional genomics, plant based bioactive, biotic and abiotic stress, signaling development and metabolic regulation, plant tissue culture and transformation, animal biotechnology, immunology and epigenetic, microbial biotechnology, antimicrobials, microbial enzymes, biosensors and other products.

The School boasts of an excellent faculty profile. Faculty members of the USBT are PhD holders from reputed institutions in India and abroad and represent diverse areas such as genomics, bioinformatics, agricultural biotechnology, biomedical research, pharmaceutical biotechnology, environmental biotechnology and industrial biotechnology, as well as IPR, biosafety, bioethics and management issues, as evidenced by their publications, conference presentations, awards, and extramural research grants. Some of them are Fellows of National Academies/Societies/Professional bodies. Faculty members have availed top research Fellowships like Alexander von Humboldt, JSPS, INSA-DFG, INSA-Royal Society, BOYCAST, UNESCO, Biotechnology Award, etc. to work in world-renowned institutes in Germany, Japan, UK and USA. The faculty consciously orients and updates themselves by attending refresher/orientation courses and participating in national/international conferences/symposia/workshops. So far the faculty has attracted extramural funding of Rs. 3.30 crores in the form of sponsored research projects from various granting agencies like DRDO, CSIR, DST, DBT, AICTE, UGC and

MoEF. We have recently received grant from UGC under SAP programme on “Phytomedicine” for the period 2011-16.

The faculty of the School is also actively involved in large number of additional activities like designing of new experiments, innovating and practicing new methods of teaching such as multimedia presentations, extensive use of problem solving exercises, writing/editing of books, reviewing manuscripts and grants proposals, editing journals, training other college and school teachers, counseling of students on their performance, career planning, contacts, testimonials, support and developing project proposals.

Our student’s profile reflects its national character in terms of various regions, communities and gender. After completing B.Tech/M.Tech course a majority of students opt for PhD in India (IISc, NCBS, CCMB, JNCASR, NCCS, ICGEB, IGIB, NII, IITD, IITM, IITK, IITB) or abroad in Universities like Cambridge, Gottingen, Tufts, Penn State, Ohio State, Utah, Iowa State, Chicago, Massachusetts, Texas A & M, Cincinnati, Nebraska, and Max-Planck Institute, Frankfurt. Some of the students opt for MBA programme. Students have also been regularly offered jobs by industrial organizations such as Reliance, Panacea Biotech, TCGA, BCIL, Jubilant Organosys and E-value serve. Students of the USBT have proven their academic acumen by successfully qualifying in many national (UGC/CSIR/NET, ICMR, GATE, Cat, IIPT, IMI, ICFAI, XIMB) and international (GRE, TOEFL, IELTS, GMAT) competitive examinations, often with top scores and ranks.

The syllabus of the B.Tech/M.Tech programme is also being regularly updated. For this purpose, inputs from the entire faculty of the School are gathered which, of course, are supplemented by the inputs from external experts as well. So far there have been four rounds of curriculum

development/improvement in last ten years. With a view to facilitate teaching, the School takes active interest in strengthening the collection of books, journals, CDs and databases in the University's Information Resource Centre. As part of the UGC – Infonet Consortium, which ensures full text access to thousands of international journals online, the School has obtained subscription to hundreds of Elsevier online journals of relevance.

Additional facilities are also being planned such as animal house, departmental library, food and nutraceuticals lab. etc. Having established excellent infrastructural facilities, the School intends to consolidate the existing strengths and expand into other areas such as Biophysics/Structural Biology, Biochemical Engineering, Bioprocess Technology, Tissue Engineering, Urology, Food Biotechnology, Environmental Biotechnology etc. which are of utmost importance for a country like ours.

XXXXX
XXX
X

**4. UNIVERSITY SCHOOL OF CHEMICAL TECHNOLOGY
[USCT]**

4. UNIVERSITY SCHOOL OF CHEMICAL TECHNOLOGY (USCT)

University School of Chemical Technology (USCT) has been set up with an objective to fulfill the need for trained manpower for the Chemical Industry which is quite strategic for the growth of the country by offering Graduate/Post graduate programmes and generating new knowledge via R&D in new frontier areas of Chemical Technology. B.Tech/M.Tech (Dual Degree) programme in Chemical Engineering is being offered in the modular framework where students have the choice to exit the programme after completing four years of study leading to the degree of B.Tech in Chemical Engineering. In addition to this, the School offers the programmes of M.Tech in Chemical Engineering and Ph.D. in Chemical Engineering.

The curriculum is structured in a manner that allows domain knowledge related to chemical engineering to be imparted alongwith the requisite inter-disciplinary courses such as Biotechnology, Information Technology, Environment management and Management with a view to align it to the changing requirement of industry and society at large. About 190 students are enrolled in B.Tech/M.Tech (Dual Degree) (Chemical Engg.), M.Tech. (Chemical Engg.) programmes and 10 Research Schools are enrolled in Ph.D. Programme. The students are from all sections of our society. More and more girl students are enrolling in these programmes especially in M.Tech where girls out number boys.

The highly qualified and experienced faculty members of USCT are drawn from varied sources which include process industry, research organizations, and academic institutions. The faculty includes the Dean, four Associate Professors and eight Assistant Professors. Nine out of thirteen faculty members are Ph.D. holders in Chemical Engineering. Rest of the

faculty of the School is currently enrolled for Doctoral Research at various universities.

The faculty is actively engaged in research which is adequately manifested in the number of publications in refereed international/national journals over the last five years. The faculty is making significant contribution to enhance knowledge in the field of chemical engineering by interaction with other colleges/institutes through lecturers, evaluation of B.Tech, M.Tech, Ph.D work, setting papers, etc. in their respective field of expertise. The faculty is also engaged in consultancy and project work. The thrust areas of research in the School includes heat and mass transfer, polymer technology, nanotechnology and separation technology.

Students are encouraged to interact freely with the faculty both inside and outside the class room. Besides class room teaching, students carry out their practicals for which the School has state-of-the-art laboratories which prepare them for the workplace and help in developing interpersonal and team work skills. The laboratories are well equipped with the ultra modern equipment/instruments. All basic chemical engineering laboratories like Instrumentation and Process Control, CAD and Simulation, Heat Transfer, Mass Transfer, Fluid Mechanics, Reaction Engineering and Mechanical Operations are fully equipped with latest instruments/equipment.

In order to provide industry interface, the School organizes visits to industrial sites and refineries. Eminent professionals from the industry are invited to interact with the faculty and students. Senior executives from Indian Oil Corporation Limited [IOCL(R&D centre)], Stone and Webster Inc., Engineers India Limited (EIL), Institution of Engineers (India), to name a few, have visited the School and delivered lectures in their respective areas of expertise.

The Training & Placement Cell at USCT constantly endeavors to forge a strong network with the industry to ensure quality placements of its students. Some of the reputed companies where students of USCT have found their placements include: Reliance Industries Limited, NFL, Nuclear Power Corporation Limited, BALCO, Hindustan Lever Limited, IOCL, ONGC, EIL, Bhaba Atomic Research Centre, NTPC, Bharat Petroleum Corporation Limited, Glaxo Smithline, Defence Research & Development Organisation, Dabur Research Foundation, Hindustan Copper Limited, Prakash Chemicals Limited, CICO Chemicals Limited, KLGESS, Jubilant Organosys and Nerolac.

The learning environment at USCT is intellectually stimulating and more than ten students have taken admission in leading overseas universities for pursuing their higher education. A good number of students qualify the GATE examinations each year. The students of USCT regularly participate in inter- and intra-institute competitions and have brought accolades to the School. The students' body 'REACT' organizes an annual technical fest '**Sanshlation**', which provides them an opportunity to interact with the students of other institutions. Over the last few years students have organized programmes sponsored by the Indian Institute of Chemical Engineers, Northern Region Centre, covering the topics of current significance with students of other colleges/institutes in this region.

The USCT is actively pursuing the goal of imparting quality education, training and facilitating research in the emerging areas of technology. The School plans to undertake major curriculum change both in B.Tech and M.Tech programmes in order to make them relevant and reflect current trends in the chemical industry.

XXXXX
XXX
X

5. UNIVERSITY SCHOOL OF EDUCATION [USE]

5. UNIVERSITY SCHOOL OF EDUCATION (USE)

University School of Education (USE) aims to facilitate studies in all emerging areas of education such as education management, planning & finance, educational technologies, inclusive education, etc. to prepare teachers who are well versed with the skills & competencies required for being an effective teacher. The School endeavor to create a climate of life long learning and empower individuals to be torch bearers of social change by transforming the very face of teacher education as reflected in its mission statement: **“University School of Education shall function as a cradle to prepare motivated & dedicated educators, policy planners, administrators and most importantly life long learners who shall function as catalyst to create & sustain learning communities which promotes equality and equity in education”.**

The School has emerged as a role model with respect to pedagogical interventions, innovations in research and creation of enriched teaching-learning environment which ignite minds. The School offers M.Ed regular and Ph.D programmes. Master of Education programme aims to prepare socially responsible and responsive teacher educators who are ready to face all challenges accompanying globalization. The School supports this endeavor through the provision of state of art infrastructure comprising spacious lecture rooms, seminar halls, conference halls, educational technology laboratory, psychology laboratory, language laboratory, resource room, Book Bank & a rich library which houses a large number of books, periodicals & journals covering diverse themes of education. Ph.D. programme at the School aims at developing competence in the methodology of conducting research in various fields of teacher education with the aim of publishing quality research papers in the cross-functional areas of education.

Initiatives taken at USE for revamping teaching education includes organizing guest lectures, workshops and visit to CIET and different apex bodies in the area of education. USE has entered into collaboration with intel to integrate technology in all dimensions of education. '**Samvad**'- the faculty development programme is being organized in the School from time to time for the principals & faculty members of affiliated institutes, faculty members of the School and the research scholars. **Placement Cell** has been established in year 2010 & currently it is fully functional to cater to the professional needs of the Scholars associated with the School. '**Edu-Sangam**', the alumni association of M.Ed scholars has been formed and it gives the Alumni a sense of creative belongings with the School.

Future plans of the School includes taking up innovations relating to teaching-learning approaches and methods of teaching in different subjects and the material development for addressing plural needs of the students. USE is exploring new dimensions in teacher education related to societal needs and several short-term certificate and diploma courses in the field of contemporary education which would be taken up in future so as to reach the grassroots level segment. Concepts of public-private partnership and mobile team teaching has been planned to serve this purpose. Relation with industry, NGO's and corporate houses would be developed to promote corporate social responsibility initiatives. Keeping in view the social responsibility of education, several projects are being conceived in collaboration with UNESCO, UNICEF & UNFPA. As a matter of fact, USE is in process of speeding up of the placement and consultancy services for prospective teachers in a modern techno-savvy way to cater the societal needs.

XXXXX
XXX
X

**6. UNIVERSITY SCHOOL OF ENVIRONMENT
MANAGEMENT [USEM]**

6. UNIVERSITY SCHOOL OF ENVIRONMENT MANAGEMENT [USEM]

The School of Environment Management (USEM) was established in the year 1999 essentially to address future environmental problems through and sustainable use of natural resources *via* quality education, training and research. The vision followed by the School is to actively pursue the goals of imparting quality education, training and facilitate research in the field of environment and natural resources management and also act as a **“think tank”** in policy matters related to environment management and sustainable development . The School is set up for building up of a pool of trained and dedicated professionals who can contribute to the systematic development of policies, measures and programmes for environmental management and sustainable development at national and international levels. This is the first University in the country to start Master’s Programmes in Environment Management and on Biodiversity and Conservation to address the environmental and biodiversity related sustainability issues and challenges which the country is facing towards balancing the rapid economic growth.

The School's postgraduate programs are designed to promote the multidisciplinary study of challenges facing society in areas that cover the biological spectrum from organisms to ecosystems, with an equal emphasis on the social and human dimensions of these challenges to target a sustainable environment. Often, teaching, research, and outreach programmes are undertaken in collaboration with faculty members from various departments, centers, and institutes from throughout the university and beyond. The School's students not only have access to quality classroom experiences, but also the opportunity to participate with faculty in world-class research projects. The interdisciplinary approach applies scientific, social, political and economic perspectives to address the needs of both human communities and the natural environment.

The School has developed a very competent qualified interdisciplinary faculty to address various environmental issues through the education, research and training programme. At present, there are 12 full time and 3 contract faculty members serving different activities at the School, all of them have Doctoral Degree and having wide national and international exposure which enable them to have collaboration with various other leading institutions. Almost all the faculty members have their own field of specialization. There are Ph.D Scholars working on various topics of environment management and biodiversity conservation. The thrust areas of research include: climate change and environmental mitigation, forestry, wetland conservation, environmental hazards, environmental biotechnology, water and wastewater treatment, environmental modeling, urban green space management, biodiversity characterization, taxonomic study, environmental monitoring/impacts of air, water & soil, application of GIS and Remote Sensing in Natural Resource Management, ecological / environmental services, energy studies, interpretation modeling data analysis, wild-life habitat and environmental policy related research. Faculty members from the School pursue mission-based teaching, research, and outreach activities that address real-world problems, and encourage students to adopt the same mission-based approach to their educational experience.

The Ph.D Scholars of the School (24 in number) working on different research topics share their results through monthly in-house seminars, national and international conference and by way of publications in journals. On an average annually 25-40 research papers are published from the School and some of these have high impact factors. USEM is providing opportunities for intern students from international and national level, who are desirous to work for short period with the faculty members, are allowed to use Laboratory and Library facilities of the School. USEM has state-of-the art laboratories for carrying out teaching and research. USEM boasts of having

an advanced instrumentation system lab and various other important laboratories which include : water quality analysis laboratory, remote sensing / GIS laboratory, environment microbial technology laboratory, air and noise pollution monitoring laboratory, biosystematics, conservation biology and NRM lab. Post-Graduate students get the opportunity to use these facilities other than Ph. D scholars. There are initiatives taken up to collaborate with Foreign Universities - University of Tsukuba, Japan, and University of Hawaii, USA for research collaboration in the field of Natural Resource Management and Biodiversity Conservation.

The diversity of our disciplines provides an extraordinary range of research in environment in areas including urban green space management, environmental hydrology, forest industries, ecosystem function restoration and rehabilitation, wetlands, environmental pollution and plant systematic, wildlife habitat and their management. Current projects include the monitoring and improvement of water quality, examining the commercial benefits of natural resources (forest and medicinal plants) as well as preserving biodiversity through biolinks and the indigenous approach. Two of the greatest issues of our time – adapting to climate change and feeding a rapidly growing global population – are placing tremendous pressures on our environments and society. Together these issues are increasing the economic competition for scarce land, water, energy and nutrients in the pursuit of maximum outputs while societal pressures demand the preservation of biodiversity, social structures and spaces.

Apart from the traditional classroom lecturer based teaching, power point presentations, transparencies, multimedia presentations, seminars / group discussions, GIS based exercises form an integral part of the teaching methods. Students are well attuned to contemporary trends and practices as guest lecturers with inputs from the corporate professionals and leading

academic and training centres such as Lal Bahadur Shastri National Academy of Administration in Mussoorie is a regular operational feature of the School.

The School has developed a very good linkage with various other Govt. Departments, like, Dept. of Space, Ministry of Environment & Forest, Central Groundwater Boards, Delhi Pollution Control Committee, Delhi Development Authority, Central Pollution Control Board, Industries, NGO's and Consultancy organizations working in similar fields. As per the official record in last three years about 80% students got their placement in different industries, research organizations, NGOs and Government Departments. About 15% go for higher studies like Ph.D programmes. USEM has got a dedicated placement cell which keeps contacts with different organizations. This is reflected from the fact that all the students have been placed in institutes like FICCI, Enviro India Ltd., Maruti Udyog Ltd. (MUL), Oil & Natural Gas Corporation (ONGC), Central Pollution Control Board (CPCB), NISTADS, National Capital Region Planning Board (NCRPB), Mother Dairy, Green City India, National Fertilizer Ltd. (NFL), Central for Environment Education (CEE), Tetrattech and Engineers India Ltd. (EIL). It is this close association with industry and government that ensures training and skills valued by both graduates and employers. Our courses contain practical work experience that develop students' skills and provide an insight into career options.

Three students of this School got UGC/CSIR Junior Research Fellowship (JRF) in the 2010-2011. Some of the significant projects of national importance taken up by the School includes: Mapping of Unauthorized Colonies of Delhi, Department of Urban Development, Govt. of Delhi; Comparative Study of Air Pollution for Delhi city with Pollutant Source Apportionment in collaboration with Centre for Science and Environment, New Delhi, Surface water modeling of river Yamuna and its interface with GIS in collaboration with Kaizer Spatial Solutions Pvt. Ltd., New Delhi and

Prediction of carbon monoxide from traffic noise data in collaboration with Central Road Research Institute, Delhi and IIT, Delhi. Delhi Metro Rail Corporation has given a project implemented by the students of the School on Carbon Footprint. Every year Post-graduate students take up about 40 different small projects guided by respective faculty members, which provide important primary level information to the subject of environment and natural resource management, like one project on Urban forestry initiatives of Delhi analysed through students' project which was appreciated by the Delhi Government. The School has completed a project in collaboration with RRSSC, Dehradun on "Landuse Status of Delhi", and "Eco-Fragile Area using Remote Sensing & GIS". One of the Ph.D Student of the School did excellent work on "Security Majors of Commonwealth Games 2010", which was an useful document for holding Commonwealth Games.

USEM is currently establishing a Modern Green House with mist chamber and growth chamber facilities for research. The School is also taking the lead for University's Dwarka Campus in its landscaping and plantation activities ; as part of this task, the School recently organized a "Plantation Week: for Environmental Awareness and Active Participation of the Students, Faculty and Staff".

During 2011-2015 the School has its plan is to develop 2 Post-Graduate programmes besides the existing M.Sc. courses; these are M.Tech on Geometrics and Environment and M.Sc. Natural Resource Management. As per the Academic Action Plan of the School (2011-2015), it intends to set up a few Centers of excellences like-Geospatial Technology and Applications, Urban Planning and Green Space Management, Natural Resources, Conservation and Livelihood, Climate Change, Energy and Environment and Centre for Biosystematics.

XXXXX
X

**7. UNIVERSITY SCHOOL OF HUMANITIES & SOCIAL
SCIENCES [USH&SS]**

7 UNIVERSITY SCHOOL OF HUMANITIES & SOCIAL SCIENCES **(USH&SS)**

An inter-disciplinary school with a difference, USHSS enjoys a unique status in the overall academic scheme of the University. Having a distinct entity as a University School of Studies, it straddles across other University schools and through its academic inputs it empowers the learners-scholars-professionals to systematically understand and reflect on social, political, cultural, economic structures, and hence, endeavors to expand their professional vision. The School is committed to provide an interdisciplinary and integrated pedagogical interface to the learners so as to nurture them to become complete and competent human beings.

The School **envisions** fostering integrative inquiry, research and creative professional activities, by uniting faculty and students in acquiring and applying knowledge in classroom, community and professional setting. The **mission** of the School is to offer intellectually stimulating courses and programmes that reflect the inter-related nature of the individual disciplines as well as the world around us. To this effect, it offers a plethora of courses to professional students that enhance their understanding of the society and culture in which they live, and enable them to obtain skills that can lead to successful and enriching careers. The students are exposed to contexts of humanities and social sciences with a view to equip them with holistic values implicit in technological and professional options; to appreciate their social surroundings; and to communicate effectively.

USHSS offers Post Graduates programme in M.A. English and Communication Studies. It is a two years modular programme with the provision to exit after one year with a PG Diploma in Communication

Studies. The Post Graduation in English and Communication Studies provides a unique facility in university education. The aim is to create a culture of student excellence in language/communication skill competence and literary sensibility geared towards an all around development of personality through the cultivation and application of various facets of English and Communication Studies. The curriculum is designed to assist students from all streams in developing and refining their individual skills (with special reference to/ focus on professional/English Communication) commensurate with emerging professional needs. The Programme is especially relevant for students seeking careers in teaching and research.

The programme offered by the School is deliberately interdisciplinary in nature and offers a distinctive blend of academic study and industry-relevant practices delivered by trained teachers and experienced industry professionals. This would enable the students to determine pathways to a wide range of communication and language related careers and opportunities and/or prepare a foundation for advanced research. This course represents the latest thinking and research in the international field of scholarship. Apart from studying core subjects, students are also given opportunity to study optional subjects from a wide range of subjects according to their own interests and career trajectories.

The School also offers need-based courses in communication-skills and social sciences at graduate and post-graduate levels to other University School(s). It also offers doctoral programme in English language, literature and communication skills. Currently, a sizeable number of students are pursuing research, under the able guidance of the distinguished faculty of the school, in relevant areas. The commendable

fact is that the success rate of the students in the school has been 100%. Currently sixty six students are enrolled in the school, including the research scholars. However, the school is in the process of introducing a five year BA and MA integrated programme in English and Communication Studies in addition to the currently run PG programme in the same area. The School also has a plan to introduce need based diploma courses in foreign languages, for the students of various other Schools of the University, as elective options. The reason for this initiative is that the technical students of the University look for additional language courses in order to meet the demands of overseas employers.

The School endeavors to upgrade both the curriculum and the teaching faculty and facilities in order to keep pace with the ergo dynamic market. In this regard syllabus revision of the courses is a regular feature in the School. The School has been conducting the syllabus revision workshops from time to time wherein the experts from both the industry and the academic fields have been invited in order to fine tune the syllabus to meet the current demands. The School conducts weekly seminar, for the PG students of the School, on each working Wednesday of the month, in order to inculcate the research oriented learning in the students. The entire faculty of the school, along with the Dean, engages in academic discussion, with the students, on topics related to the syllabus. The students are also encouraged in the seminar to share their experience in the class and to give feedback on syllabus and teaching in order to apprise the faculty of the gaps in academic exchange.

The School has a dedicated and research oriented faculty. With an interdisciplinary sensibility, individual integrity and a sense of social responsibility, the faculty of USHSS provides collaborative creative and equitable means to boost learners' application-oriented competence. The

onus is on relational yet holistic perspective to the challenges faced by technical professionals possessing critical understanding. With this view in mind the faculty of the School is constantly engaged in various training and development workshops organized by the UGC and other national level academic and research organizations. Till date, two members have successfully done orientation programme and one has completed refresher programme offered by the UGC, and two more members are scheduled to complete faculty development programme by the end of the current semester. The faculty also has to its credit a large number of academic and research papers in national and international journals of repute to its credit In fact, in a short span of five years the faculty of the school has presented 102 papers in various journals, seminars and conferences. The Dean of the school, Prof Anup Benewal, is a scholar of repute and has been awarded twice the prestigious and fiercely competitive Best Researcher Award by the university.

The novel feature of the school is its endeavor to provide hands on training to the students. The School organized a 15 days' theatre workshop in collaboration with National School of Drama. A Painting Workshop was organized last year in winter for the students of MAECS programme wherein the students went to Palampur along with their teachers and three painters of international repute and participated in the creative activities. The paintings of the students and the faculty have been showcased by the university in the form of a painting exhibition on the occasion of Teacher's Day, which was a huge success and has been applauded by one and all. Therefore, the School constantly endeavors to provide creative learning environment to the students to holistically grow and learn.

XXXXX
XXX
X

**8. UNIVERSITY SCHOOL OF INFORMATION
TECHNOLOGY [USIT]**

8. UNIVERSITY SCHOOL OF INFORMATION TECHNOLOGY (USIT)

University School of Information Technology (USIT) was established in 1999 with a vision to become a world class center for education and research in the area of Information Technology. In tune with its mission of development and delivery of industry relevant graduate and postgraduate programs in the area of Information Technology, it offers three Dual Degree programmes, namely, B.Tech./M.Tech- Information Technology, B.Tech./M.Tech-Computer Science and Engineering, and B.Tech./M.Tech-Electronic and Communication Engineering, and Seven Post Graduate programmes i.e. M.Tech. Information Technology, M.Tech.-CSE, M.Tech.-IT (Weekend), M.Tech-ECE Weekend, M.Tech-Digital & Wireless Communication, MCA-Software Engineering, and MCA-Software System. USIT also provides facility for pursuing Doctoral Research leading to the award of degree of Doctor of Philosophy.

A rigorous admission process has ensured that the students selected to pursue their education in USIT are amongst the best in the country. USIT aims at developing individuals into distinguished researchers, consultants, and teachers in the field of Information Technology. The School has highly qualified & experienced faculty who excel in their respective areas. Presently, USIT is actively involved in carrying out research in the areas of Software Engineering, Wireless and Mobile Communication, Graphics and Multimedia, Advanced Computer Networks, Data Warehousing and Data Mining, VLSI Design, Neural Networks and Fuzzy Logic and Adhoc Networks. USIT has set high standards of research benchmarks as is evident from faculty publications in journals of repute from leading publishers like Springer Verlag., Elsevier, IEE, IEICI, IOP, Wiley, Wiley Interscience, IEEE etc.

USIT has three student bodies SAIInT, Students Branch of IEEE and Students Branch of IETE. 'InfoXpression' is the annual fest of the School. It is a three-day extravaganza that is a fusion of technical erudition and cultural events that brings together participants from many other universities and technical institutions of several parts of India. The Alumni Association of the University School of Information Technology has been formally registered with the Registrar of Societies, Govt. of Delhi. in 2007.

The placement cell at USIT invites companies to recruit students by undertaking a streamlined process of registration, Power Point Presentations (PPTs) and selection. The Cell understands the significance of using right aptitude and knowledge skill sets for the right tasks and hence facilitates both the companies and the students for the best opportunities for mutually beneficial relations. In coordination with students this Cell identifies potential recruiters, interacts with the organization, and coordinates the visit of corporate executives to the campus. Majority of B. Tech/ M. Tech students are placed through campus interviews during their third and final semesters. Students have been regularly offered jobs by leading organizations such as Adobe, HCL, Infosys, Sapient, L&T, TCS, Engineering India Limited, Deloitte. E-valueserve, Newgen, Perot Systems, Impetus, Persistent, Bechtel, Syntel, Peoplesoft, GrapeCity, Infogain, Hexaware, Accenture, Induslogic, Alcatel, DCM Technologies, IBM, HUGHES, MBT, ICAI etc.

The School is actively engaged in conducting several sponsored Faculty Development Programmes/Summer School/Winter School and Short Term Training Programmes. It is actively providing extension services to the society by organizing socially relevant training programmes. For instance, the School successfully organized the AICTE sponsored FDP Programme on 'Wireless Communications and Mobile Computing' for 50 participants from technical institutions and research scholars between 22 December 2008 and

02 January 2009 wherein extensive theoretical sessions and practical sessions on Simulators and Hardware Kits were conducted by in-house faculty members aside involving external speakers from academia and industry. A 6-Week's intensive course on "Cyber Crime Investigation and Computer Forensics" was also conducted for 100 Officers of Delhi Police.

The School shall follow the path of continual growth and quality maintenance in the range of programs offered by updating and modernizing facilities, curricula and programs and retraining faculty members to deliver quality programs to prepare students for global market.

XXXXX
XXX
X

**9. UNIVERSITY SCHOOL OF LAW & LEGAL STUDIES
[USL&LS]**

9. **UNIVERSITY SCHOOL OF LAW AND LEGAL STUDIES (USLLS)**

The University School of Law and Legal Studies has since its inception in 2001 been conducting Five-Year Integrated Modular Programme of LL.B.(H) along with Doctoral and Post-Doctoral Research. It also offers LL.M. with specialization in Human Rights Law, Alternative Dispute Resolution (ADR), Intellectual Property Rights, International Trade Law and Corporate Laws since 2006-07. The School endeavours to maintain updated course curricula thereby incorporating latest issues of academic interest in various fields of study. Since 2007 besides introducing three new programmes of study, the School has revised syllabi for as many as twenty courses. The syllabi of academic programmes include Constitutional Law, WTO Studies, Public and Private International Law, Humanitarian and Refugee Law, Environment Laws and Technology Law. Certain new academic programmes have been introduced

- (i) B.B.A.LL.B.(H)
- (ii) LL.M. in Cyber Law and Cyber Crime - Weekend
- (iii) LL.M. in Intellectual and Industrial Property Law - Weekend Programmes

The School has dual library benefits. It maintains an exclusive library as per BCI norms and the students are also provided access to the University Information Resource Centre (UIRC). A computer lab with forty five workstations is maintained for the students and personal computer for the teachers. With the objective of enhancing the learning resources during the past five years several steps have been taken like the procurement of books, subscription of online journals, setting up of ICT enabled classroom, setting up of internet connected computer lab.

The School has very recently introduced Post Graduate Courses. It plans to enhance its research profile by encouraging, supporting and enabling the teachers to commit to research activities. The future plans of the School include introduction of Post Graduate Diploma level course on court craft and court management, certificate level courses on topical issues of societal concern like RTI. The School also intends to establish a full fledged research and publication wing in order to cater to the new areas like social justice, judicial reforms etc. It also plans to retain and revive the 'Indraprastha Technology Law Journal'.

Important Events/Training/Seminars/Debates/Moots and other Programmes are organized regularly by the USLLS. These are the ways in which the School integrates social actors, academicians and practitioners of law. The subjects are mostly contemporary and relevant to societal issues. Some of the recently organized events are:

Seminars/ Talks

- Ms. Debra Beauregard of the Franklin Pierce Centre for Intellectual Property at the University of New Hampshire School of Law delivered a talk on September 22, 2011 on various aspects of Intellectual Property Rights.
- A Talk and Interaction by Information Commissioner, Central Information Commission on the topic 'Right to Information Act 2005' was organized by the USLLS department on December 4, 2010.
- A Talk and Show Programme on the awareness of Anti-Ragging Laws in consonance with Delhi Legal Services Authority (Patiala House Court) was arranged in the University Seminar Hall on August 30, 2010.

- A Presentation by Prof. Coniho of Bangor University, UK held in the USLLS Seminar Room on January 29, 2010 gave useful insights into various aspects of European Law.

Moot/ Debates

- (i) An Inter-University Debate Competition in collaboration with National Human Rights Commission was organized at USLLS in March 2011.
 - (ii) Under the Jan Jagran for Justice Campaign of Dainik Jagran Newspaper, a remarkable paper presentation contest on Judicial Reforms was conducted on August 4, 2010.
 - (iii) The 'Indraprastha All Delhi (NCR) Moot Court Competition' was organized by the USLLS on March 27, 2010 aiming at enriching the students with practical legal milieu. The two Hon'ble judges Mr. Justice V.K.Shali and Mr. Justice Sunil Gaur of Delhi High Court were the chief guests here.
 - (iv) A Debate Competition on the motion "Access to Justice For All as Human Right is more an illusion than a reality for the people of India" was organized by the Legal Aid Centre, USLLS on February, 2010.
- The USLLS Eco-Club organized a Debate and Poster Making Contest on 29th January 2009 for USLLS students on 'Clean Yamuna' or 'The Recent Smog Cover over Delhi'. A Debate on 'Has India done Enough to Protect the Environment?' was also a part of the programme.
 - A Declamation contest was organized by the USLLS in association with an NGO 'Beauty of a Soul' on 24th October 2008. A total of 12 teams participated in the contest from different college of Delhi. The topic of the declamation was "Role of Students in Promoting Welfare of the Society".
 - Hosted and organized the '4th Inter College Debate Competition' which was sponsored by Indian Association of Parliamentarians on Population

- and Development (IAPPD) on 3rd October 2008 on the topic Economic Progress Should have priority over Environmental Protection. The School has annually been hosting this event since 2005.
- Hosted the annual 6th V.K. Jain Memorial All Delhi (NCR) Moot Court Competition on 8th March, 2008. This competition is specifically organised for the students of first year. Through this specific event the school seeks to develop the mooting skills of students from the very beginning of the law course. This competition is being regularly held since 2002 by USLLS
 - The USLLS hosted and co-organised the Surana and Surana India North Rounds of the Philip C. Jessup Moot Court Competition, a prestigious and highly acclaimed international moot court competition organized by 'The International Law Students Association' (ILSA). Between January 26-28, 2008. About 50 law schools and colleges from all over India competed for the top honours.

The social relevance of the School and its impact is quite significant. Some of these programmes speak volumes about the School's credentials:

- Since 2008 onwards a Basic Legal Education Training Programme for Sub-Inspectors has been in continuation, remarkably the Fourth Batch of the 3-month 'Legal Education Training Programme' for 400 Sub-Inspectors (Probationers) Delhi Police in April 2010 and the Fifth Batch in 2011 were successfully conducted on various aspects of Constitutional Law, Criminal Procedure Code, Indian Evidence Act and Indian Penal Code.
- The Legal Aid Centre of USLLS had organized Jail Awareness Programme for the sake of practical knowledge of students in 2010.
- An Inauguration Programme under the SC/ST/Minority Scheme of UGC for launching of coaching classes for Civil/Judicial Services Examination

was held on April 17, 2010. Hon'ble Mr. Justice Barkat Ali Zaidi, President, Delhi State Consumer Disputes Redressal Commission was the Chief Guest in the function. Since then, regular coaching classes for Civil/Judicial Examination are being conducted on weekends. The formal coaching classes have begun for the students belonging to SC/ST/OBC/Minorities/Women/General candidates and no fee is charged as these are UGC sponsored programmes. The students who are in their final years of graduation and those who have qualified law degree are eligible for enrolment.

These are some of the other activities which the School regularly organizes:

- The students of USLLS are time and again engaged in arranging Blood Donation Camps with leading hospitals of Delhi.
- An Orientation Programme for the freshers is organized every year by the USLLS for freshly inducted students outlining the rules and regulations of the School.

Apart from classroom teachings to make the course worthwhile and practically useful, the following tools are used: Practical Training through visits to courts, prisons and police stations and internship with leading lawyers and judges; Regular activities undertaken by Mooting and Research Society; Debates: An active debating society sends participants to various local or national events and organizes in-house competitions; Legal Workshops, Lok Adalats, Legal Literacy Campaigns and Legal Aid Camps; Celebration of Law Day, Human Rights Day & Consumer Day; and Educational Tours.

Placement:

Efforts are made to provide summer internships and final placements to almost all the interested students. Placement Committee includes both faculty members and students from the senior most batch. Placement Brochure is regularly published. The placements have been multifaceted and multidimensional:

(i) **National:** Central Bureau of Investigation (CBI); The Directorate of Prosecution; Delhi Legal Services Authority; National Commission for Women; National Human Rights Commission; Indian Society of International Law; Indian Law Institute. (ii) Some alumni have been working as Researcher with High Court and Supreme Court Judges. (iii) Still others have joined **International Organizations** such as UNIFEM, UNICEF, UNDP, ICRC. (iv) **Leading Corporate Law Firms** such as: Clifford Chance; Trilegal; Singhanian and Singhanian; Luthra and Luthra; Anand and Anand; Kochhar and Company; Nachippan and Company; Khaitan and Company; Fox and Mandal; Dua Associates; Amitabha Sen & Co. (v) **Non-governmental organizations** and other social associations: Multiple Action Research Group (MARG); Centre for Civil Society; Butterfly ; Gandhi Peace Centre.

Faculty Achievements

The School has adequate number of regular faculties with vast teaching, research and professional experience. The regular faculties along with visiting ones engage themselves off and on in extensive activities being undertaken by the School such as legal aid to the masses, varied seminars, conferences and workshops on clients counseling, environmental law, sexual harassment of women at workplace, Human Rights education and Lok

Adalats. Teachers are deputed to attend orientation, refresher and skill development courses. Further they also extensively participate in academic, administrative activities like admissions, examinations, co-curricular activities of students, organization of seminars and workshop, etc. Each teacher has an identified area/s of research and the School encourages them to involve both in research and teaching. One of the School's faculty was awarded a Diploma on having completed a research programme on "Federalism, Decentralization and Diversity in Democratic Multicultural Societies" at the Institute of Federalism, Fribourg, Switzerland in February 2009.

Awards/Prize/Achievements/Scholarship/Projects received by the students:

The students are from different background but the interdisciplinary approach makes them comfortable with the curriculum. The gender ratio is fair having females and male ratio at parity with each other. Academically it has very high success rate. Some of the students have been judged as best student advocate, best mooter or best researcher. They have participated in prolific events national and international and brought laurels to the School. They have been winning accolades at various debating and research paper writing contest as well. Under the **Microsoft Scholars Program**, 2007-08, offered by Microsoft Corporation India Pvt. Limited for research in Intellectual Property Law (IPR), the three students of the School were selected and granted a handsome monetary incentive. There are some other remarkable achievements in various fields after completion of the courses too such as qualifying in UGC-NET examination, Delhi Judicial Services, IFS, joining of prestigious foreign universities for higher studies.

XXXXX
XXX
X

**10. UNIVERSITY SCHOOL OF MANAGEMENT STUDIES
[USMS]**

10. UNIVERSITY SCHOOL OF MANAGEMENT STUDIES (USMS)

University School of Management Studies (USMS), the management School of the University with a passion for academic excellence has come to be known as one of the most respected B-Schools in India. At USMS we strive to create holistic managers, synthesizing conventional and modern management thinking with global outlook and having capabilities of adapting to the changing requirements of business. The flagship programme of the School is MBA which was launched in 1999-2000. In response to the feedback from the students, alumni and industry, we have launched a new MBA programme, namely, MBA Financial Markets in July 2011 in collaboration with National Stock Exchange (NSE). In addition, two certificate courses, namely, Basic Course in Behaviour Testing and Advanced Course on Behaviour Testing are being offered on weekend since last two years. Further more, Weekend Programmes, namely, MBA (General) MBA (Banking & Insurance), MBA (Real Estate) and MBA (Consultancy Management) are also being offered for the benefit of working executives.

USMS can boasts of the best of faculty in terms of their teaching experience, subject expertise, industry & government recognition and students/appreciation. The wide international exposure, linkages with the industry, experience and diversity of their background create a rich faculty resource. They have authored many books and have published research papers in some of the world's most distinguished journals. In recognition to the valuable and worthy research contributions made by Prof. Anu Singh Lather, the Dean USMS, she has been conferred the Best Researcher Award both in the year 2010 and 2011 by Guru Gobind Singh Indraprastha University. Szent Istvan University, Godollo, Budapest (Hungary) honored Prof. Lather for excellent academic activities and International Cooperation in

2010. Prof. Lather has also been awarded Gold Medal for Excellence in Academics & Research by the Faculty of Economics, Slovak University of Agriculture, Slovakia in Nitra in 2010.

The academic curriculum is structured to address the needs of the industry and is aligned towards imparting contemporary knowledge to the students. An optimal mix of learning methods ensures a holistic personality development of the students. The curriculum encourages students to apply theoretical learning to real-life scenarios in the form of case studies, research, and live projects. Besides the summer training and major final semester project, students are expected to engage in industry oriented projects as a part of their regular course work. In our endeavors to develop community orientation, besides honing up of the skills of individual decision making, enough emphasis is laid on developing '**team skills**' and '**value oriented perspective**' while promoting variegated managerial skills.

In the new campus at Dwarka, University School of Management Studies is developing state-of-the-art infrastructure for fulfilling the needs of the students to keep at par with the best of its counterparts in India. In the Computer Lab students: computer ratio is 1:1; further it is well equipped and has latest softwares that complement the varying needs of the students as well as the research requirements of the faculty. CISCO Certification is another enrichment facility available to the students. The prominent softwares include CMIE, PROWESS, Corporate Database, PRIMAVERA, PERT MASTER and SAP. The School class rooms and air-conditioned Seminar Hall are equipped with state-of-the-art infrastructure including LCD Projectors, K-Yans, Xerox Machines, Overhead Projectors and Audio Visual Systems.

The first successful students and faculty-exchange programme was initiated in USMS. Students from Slovak University of Agriculture (SUA), Nitra, Slovak Republic, visited USMS under the aegis of students/faculty

exchange programme in January 2011. They were offered a course on **'Human Resource Management'**, conducted on a fast track mode. Apart from the classroom teaching, the programme included industrial visits to Maruti Suzuki Ltd. and Somany Tiles to align theory with the practical insight. The credits earned by the students will be transferred to the degree programme being persuaded by these foreign students at SUA, Nitra. The faculty accompanying this group of students also interacted with faculty and students and spoke at length on the topic titled, **"Globalization of Higher Education"** Arrangement has also been worked out for joint supervision of 2 Ph.D Scholars, wherein the research supervision of USMS and SUA, Nitra will collaborate. Twelve students of USMS and a senior faculty in turn visited SUA, Nitra in March – April 2011. The students undertook a course in **'E-Business'** at SUA, Nitra. The credits earned by them shall be transferred to their academic programme being pursued here in this University.

Ph.D. Programmes at the School has a dominant focus on promoting inter-disciplinary research. Major thrust areas of research are Global Business Management, HR Issues in Organizations, Healthcare Management, IT-Business Interface, Banking & Insurance, Sustainability and Competitiveness Brand & Retail Management, Entrepreneurship & Innovations. Fifty four Research Scholars are enrolled for the Ph.D. Programme and twenty six students have completed their pre-Ph.D. course work. Twenty five students have been awarded Ph.D. degree till date. In order to promote and create a conducive environment for undertaking quality empirical research, the School ensures the availability of high-end statistical packages and tools like SPSS, Systat, SAP-QUT, Primavera, Prowess etc. for use by research scholars and faculty. The other highlights include access to online journals through portal like Emerald, Elsevier, Science Direct etc. for extensive research.

USMS has always been at the forefront in organizing faculty development programmes and workshops covering issues of contemporary managerial relevance. Some of the programs conducted in the recent past include: Faculty Development Programmes on SPSS, Vishleshan: National Case Development Workshop, Workshop on Contract Management in Real Estate, Data Mining through SPSS, etc. In order to provide global exposure to the students, visits to Singapore and Malaysia were organized and students along with the faculty visited some industrial units there.

USMS has a proactive Corporate Relations Centre managed by a team of faculty members and students. It provides the students with a full-fledged corporate interface, enabling them to have a better understanding of the corporate culture and its current trends. All placements related activities are coordinated by the Centre. The School has a consistent track record of hundred percent placements in the last few years. USMS has been accredited by TCS. The students have been placed in organizations such as TCS, Oriental Bank of Commerce, South Indian Bank, EValueServe, SmartCube, Capital1IQ, IDBI Bank etc. The Industry Institute Partnership Cell has been instrumental in organizing seminars covering issues of current interest and training workshops for enhancing employability of the students. It also facilitated direct interaction of students with the industry *via* guest lecturers. With the assistance from AICTE, it has set up an '**Entrepreneurship Development Cell**' to promote and educate the youth of NCT of Delhi to draw the benefits from the liberalized economic policies of the Government by setting up their own ventures.

SYNERGY, the students' council of USMS aims to provide a platform for budding managers to learn & grow. It creates a forum for the students to come forward with ideas, suggestions and provide opportunities for personality development and team building. The Alumni Association of the

University School of Management Studies is formally registered with the Registrar of Societies, Govt. of Delhi. '**Smiriti**', the School alumni meet is organized in the month of October every year. A popular maxim that does the rounds of the corporate world is that the worth of any business school is measured by the strength and the quality of its alumni network. USMS alumni have scaled corporate ladder considerably and are established at premier position all over the world. The meet is attended by a large number of alumni right from the first batch. Most alumni expressed their delight at being invited to the University campus and promise to give career guidance to the students. 'Smriti' helps in bringing the Alumni together with the current students.

The School can take pride in the fact that USMS students are associated with **SIFE** (Students In Free Enterprise) an international organization made up of college students from around the world who make a difference in their communities through free enterprise projects. A series of programmes reflecting a sensitive social conscience and an abiding commitment to improve the quality of life for poor and disadvantaged have been undertaken. MBA students partnered with **AADI** (formerly the Spastics Society of Northern India) to create sustainable pathways to enhance the self-esteem and confidence of differently able sections of society to lead a dignified life by showcasing their products in several locations. A **Workshop on Entrepreneurship Skills Development for persons from weaker sections and those with disability** was organized at the University campus. A workshop was also organized to heighten awareness on health issues and **schemes for girl child education**.

The intellectually stimulating environment at the School provides a nurturing ground for developing competent management professionals in tune with the changing business environment and emerging managerial needs. The School encourages individual growth, team building, extra-curricular activities, industry interaction, global orientation and a multi-disciplinary study culture. The School was rated A++ in Best B-Schools Survey, 2007 conducted by Business India and shall continues to be on its journey towards academic excellence. Keeping in view the changing requirements of Industry and society in general, the School would introduce New Programmes, namely, MBA (Health Care System), MBA (Hospitality Management), etc. alongwith a Centre of Excellence in Organizational Development.

XXXXX
XXX
X

**11. UNIVERSITY SCHOOL OF MASS COMMUNICATION
[USMC]**

11. UNIVERSITY SCHOOL OF MASS COMMUNICATION

Media industry in India is growing at a fast pace .Recognizing the need for trained manpower in this sector ,the University School of Mass Communication was started as a Centre in 2006 to be upgraded as a full fledged University School of Study in the year 2009. The School offers 02 Post Graduate programmes, namely, Master in Mass Communication (MMC) and, Master of Journalism and Mass Communication (Weekend). Curriculum review was undertaken in the year 2010 for MMC programme. Since the inception of the School in the year 2006, success rate has been 100% while dropout rate is 2.5%.

Faculty members of the School regularly participate in national and international seminars and conferences. In all 16 research papers have been published in national and international journals and there are three contributions in the form of '**Chapters in Books**' by faculty members. They have also been conducting workshops and several other kinds of events. UGC sanctioned a major project on the topic 'Advertising and Youth – A Comparative Analyses of Impact on Youth of Metro and Remote Area' to one of the faculty member of the School for the period 2009-11. Likewise, one of the senior faculty of the School was invited by NCERT for the preparation of the book titled Media Studies. Ministry of Information & Broadcasting gave "Bharatendu Harishchandra Award" to another faculty of the School for his book " Mazdoor Aur Janasanchar" in 2010. A faculty member of the

School also participated in the orientation programme Web 2.0 organized by IGNOU in July 2010.

There are over 500 books, 30 print editions of journals, 3 exclusive data bases, 30 journals of Sage, EBESCO Mass Communication Complete having 250 journals and JSTOR E-resource related to Journalism and Mass Communication, available for students and teachers. There are in all 38 internets connected computers in Print Media lab and New Media Lab. The computers are equipped with software required for print production, web design, and other creative production works needed for preparing advertising copies. The School also has one Television production studio and one radio production studio. Electronic media production work is supported by required system of light, three video cameras and three video editing suits. The University has further sanctioned adequate money for buying of more learning resources and equipment.

One to one student – teacher interaction is a common feature of the School, apart from class room teaching, in which students get teachers' support in their personal as well as study related problems. The School makes all possible efforts to get the students placed. For the purpose the school has also set up a Placement Cell. The School actively remains involved in the print publication and video coverage of University events like Convocation, Annual Sports, Anugoonj festival, etc.

School can take pride of its achievements since its inception. Syllabus revision along UNESCO recommendations resulted in media coverage in various newspapers (Hindustan Times, Hindustan, Dainik Jagran, Amar Ujala) and on websites (www.ndtv.com,.livehindustan.com, etc.) for nearly two dozen times. In record 72 hours, the School produced a professional Promotional Video for the University. In addition the School undertook the audio – video documentation of the centenary Celebration of Faiz Ahmed Faiz (a great Urdu Poet). In a short span of one year, the School bonded with more than 30 industry experts upto CEO level in order to raise the bar of industry interface. This resulted in near 100% placement of the 2009- 11 batch within one month of the final exams. In 2011, a full fledged placement cell was set up. For the first time, a student centric Placement Brochure was brought out that helped in getting tie-up offer from Reliance Investor Relations and appreciation from I C A Cell of Microsoft India. In 2010-11, orientation programmes were conducted for both I & II year students. Eminent Industry experts and academicians were invited to give as helicopter view of main and allied subjects. Students of MMC (2009-11) batch produced a documentary on their Educational Trip (March 2011) to Jim Corbett Nainital.i. MMC (2007-09 & 2008-11) TV Production students produced three films "Aapod" (Bengali) , " Insaf ki Hatya", and Pratibimb" , two documentaries " Bada Pardel" , & " Garbage to Garden"; and MMC Journalism Students brought about campus Buzz Media post & Green Times. Two students of MMC (2008-10) Batch won first & second prizes in the mobile photography contest in MISE-EN- SCENE 2010, the International Film Festival organised by Indraprastha College for Women, Delhi University.

As part of perspective planning for the School, UCMC plans to start Doctoral programme in 2012, launch journal of Mass Communication in 2013, offer Masters in Media Economics programme in 2014 and a range of

courses in Animation and Creative Art in 2015. The thrust areas of the School will be Development Communication, Film Studies, Media Economics, New Media, and Brand Communication etc.

XXXXX
XXX
X