



# UNIVERSITY OF DELHI

## Self Study Report (SSR) PLUS

Supplementary Information



*Submitted to*  
*National Assessment and Accreditation Council*  
*(An Autonomous Institution of the University Grants Commission)*  
*October 2018*



## CONTENTS

|               |   |    |
|---------------|---|----|
| PREAMBLE      |   | 2  |
| CRITERION I   | - Curricular Aspects                      | 3  |
| CRITERION II  | - Teaching–Learning and Evaluation        | 4  |
| CRITERION III | - Research, Innovations and Extension     | 5  |
| CRITERION IV  | - Infrastructure and Learning Resources   | 8  |
| CRITERION V   | - Student Support and Progression         | 9  |
| CRITERION VI  | - Governance, Leadership and Management   | 13 |
| CRITERION VII | - Institutional Values and Best Practices | 16 |

## PREAMBLE

The University of Delhi (DU) on the eve of celebrating 100 years in the year 2022 is embarking on the very important phase of getting NAAC accreditation. As we plan to celebrate the landmark event in the University's history, we reflect on what we have done well and what we must do better to improve the teaching-learning, and research and innovation environment. There is much in our past that we can be proud of. We also feel very proud of the contribution the University is making today in providing high quality education to students at an unprecedented scale.

We recognize our role as India's premier University in delivering mass education as reflected in our scale of operations. The University has over 700,000 students on rolls in each academic session. Over 500 academic programmes are approved by the statutory bodies of the University of which 209 programmes are being considered for NAAC accreditation purpose. It is a matter of great pride for us that the University of Delhi has already acquired the top-most spot among Indian Universities under the Institution of Eminence scheme of the Ministry of Human Resource Development. With NAAC accreditation we aspire to be a leading global institution of higher learning.

This volume presents the updated status of the University of Delhi's Self Study Report (SSR) for the period April 2017 to October 2018. The activities undertaken and being reported here comprise only those where significant advances have been made. The activities were initiated well before the submission of the SSR, but are being documented here only after their completion.

## CRITERION I : CURRICULAR ASPECTS

The Choice Based Credit System (CBCS) was implemented in the University of Delhi in the year 2015 at the undergraduate level. The first batch of the students successfully graduated in the year 2018. Accordingly, there was need to adopt the CBCS in the Post graduate courses too.

A committee comprising the Deans of the Faculties, Heads of the Departments, Principals of Colleges and other special invitees from other recognized institutes was constituted to organize, implement and monitor a uniform and systematic revision of Postgraduate syllabi in the beginning of the year 2018.

The Committee defined a series of systematic steps for the course revision beginning with the formation of a Department level Course Revision Committee. Stakeholder participation (including students, alumni, employers, parents) was ensured during the process of revision and restructuring of the courses by the Departments. Further, the revised PG courses also underwent peer review and review by the external experts. The revised and restructured courses after approval by the Departmental Courses Committees were approved by the respective Faculties and finally sent for approvals of statutory bodies of the University.

The University has completed the process of syllabus revision of PG programme/courses for all the faculties except the Faculties of Law and Education which follow curriculum structure of Bar Council of India and National Council for Teacher Education, respectively. The details of course revision undertaken are as follows:

- Total number of Departments in the University = 87
- Number of Department undergoing NAAC Peer Review = 51
- Number of programmes in which syllabus revision has ben carried out = 99

## CRITERION II : TEACHING – LEARNING AND EVALUATION

### EXAMINATION REFORMS

1. The University of Delhi migrated to *e-platform* in the year 2017 and successfully conducted Computer Based Online Entrance Examinations for nine professional undergraduate courses in 13 cities across the country and all Post Graduate, M.Phil. and Ph.D. courses in 18 cities in three shifts.
2. A major achievement in the year 2018 relates to the conduct of the examinations for the School of Open Learning (SOL) exclusively in the premises of Colleges/Departments of the University. The University has done away with the past practice of conducting these examinations at private/public schools of Delhi.
3. Cash payment for various services of the Examination Branch such as revaluation/rechecking, attestation of degree/statement of marks, verification of degree/statement of marks, for obtaining duplicate statement of marks, duplicate degree, special certificate, etc. has been completely stopped and these services are now available online and e-payment.
4. The result of moving to e-platform has been extremely rewarding in terms of the following accomplishments/targets achieved during 2017-18:

|  |   |      |
|--|---|------|
| ○ Degrees disbursed before convocation   | = | 1051 |
| ○ Special Certificates                   | = | 1197 |
| ○ Duplicate degrees/diploma/certificates | = | 1699 |
| ○ Attestation of degrees                 | = | 2324 |
| ○ Thesis abstract submission             | = | 2416 |

## CRITERION III : RESEARCH, INNOVATIONS AND EXTENSION

The University of Delhi is committed to remain at the forefront of university education and provide the best quality education to our students. The mass scale teaching-learning programme undertaken by DU is backed by an equally robust and dynamic decision-making process, which reflects the needs and aspirations of students and stakeholders. Being a responsive and responsible education institution, DU takes timely initiatives in its academic and administrative spheres. A significant recent recognition and achievement has come in terms of being ranked at number one among Indian universities by the MHRD appointed Expert Empowered Committee (EEC) under the Institution of Eminence scheme. The recent QS India University Ranking has placed DU among the top 10 educational institutions (8<sup>th</sup> rank) in India and 2<sup>nd</sup> among the Universities. This document presents in brief some select recent initiatives by the University during the last one and a half year.

### **Leadership Development Programme**

The Ministry of Human Resource and Development (MHRD), Government of India sought proposals from various higher education institutions for conducting a three-weeks Leadership Development Programme meant for preparing academic leaders for occupying senior administrative positions as Deans, Heads of the Department and for future governance roles as leaders in academic institutions. The University of Delhi responded by submitting a proposal under the scheme - Leadership Development Programme – which was approved by the Department of Higher Education, Ministry of Human Resource Development, Government of India with generous budgetary provisions.

The three week training programme which shall start from November 12, 2018 includes one week overseas training component as well. Accordingly, a material development Research Team and a Programme Co-ordination Committee have been constituted for the successful execution of the programme. The Dean, Faculty of Management Studies is the coordinator of the Team and the training faculty comprises renowned educationists and education administrators, senior bureaucrats, current faculty members of the Faculties of Management Studies, Education and Law.

### **Insolvency Associate Training Programme**

The Ministry of Skill Development And Entrepreneurship (MSDE) has launched the Insolvency Associate training programme at the University of Delhi. The Department of Commerce, University of Delhi, has proposed to run this programme in partnership with the Insolvency and Bankruptcy Board of India (IBBI). This first-of-a-kind course, designed to provide the Indian youth with better career opportunities, will help them build a dynamic and unique career for themselves, while contributing to the overall growth and development of the economy.



## MEGA INTERNATIONAL COLLABORATION

### Meeting of the Minds: India and Germany

*“India and Germany have much to offer each other. I am confident that the huge potential of our cooperation in the spheres of science, culture and business and at international level will bear ample fruit in the coming years. Intensifying our academic exchange can be an important contribution in this regard”*

**Dr. Frank-Walter Steinmeier, President of the Federal Republic of Germany and Prof. Yogesh Tyagi, Vice Chancellor at the University of Delhi, 23 March 2018**



Following the visit of H.E. Dr. Frank-Walter Steinmeier, President of the Federal Republic of Germany, the University of Delhi has entered into collaboration with Germany. This means the University's close partnerships with German universities, especially with the universities of Heidelberg, Potsdam and Würzburg.

H.E. Dr. Martin Ney, Ambassador of the Federal Republic of Germany in India, has institutionalized coordination and information sharing regarding funding opportunities and exchange programmes with Germany and appointed Mr. Stephan Lanzinger, Head of the Science Section at the Embassy of Germany to coordinate the programme. The University of Delhi has also nominated Professor Akhilesh K. Tyagi as its representative to coordinate DU-German research collaboration.

## CRITERION IV : INFRASTRUCTURE AND LEARNING RESOURCES

The University made extensive efforts to boost the infrastructure resources to support teaching-learning programmes, in particular the ICT infrastructure. These include:

- ~200 km optical fiber cabling
- ~1500 km copper cabling
- 60 K nodes and increasing
- 70 Colleges across Delhi on VPN
- Wi-Fi Enablement of each college with VPN
- Internet bandwidth ~ 2 GB (from National Knowledge Network)
- University Information Management System (UIMS)
- In-house development of various ICT based systems
- The University has developed its own software for online application for faculty recruitment. The University shares this software with several other universities such as JNU free of cost.

## CRITERION V : STUDENT SUPPORT AND PROGRESSION

### ADMISSION PROCESS AND REFORMS

The University has completely migrated to online admissions process for undergraduate (UG), postgraduate (PG) and M.Phil./Ph.D. programmes. The admissions to PG and M.Phil./Ph.D. are made on the basis of All India entrance test which are now completely online and are held in at least 15 major cities across India to ensure wider participation of aspiring students who wish to pursue higher education at DU. The major activities linked to students are enumerated below.

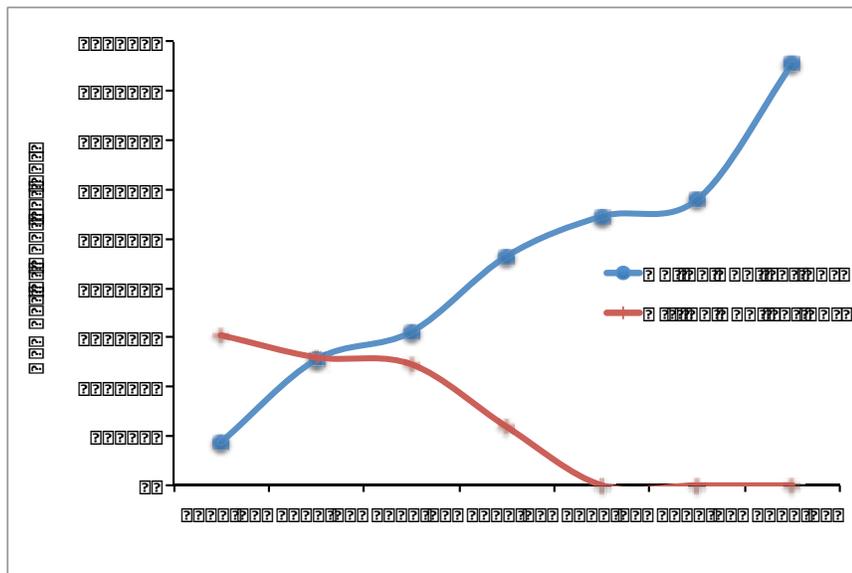


Figure 1. Progression of online admissions over the last 5 years.

### COUNSELLING

**Open Days:** The University organizes open days to guide aspiring candidates and their parents regarding admission process in the University and its colleges. The open day sessions are organized at North Campus (Conference Centre) one month before beginning of the actual admission process. More than 50,000 individuals including large number of admission aspirants and parents attended these sessions. Feedback collected from the aspiring students and their parents revealed a high degree of enthusiasm and satisfaction after attending the open days.

**Transition:** Counselling sessions were conducted for teachers from different schools of Delhi. The basic philosophy behind conducting these sessions is to guide the teachers regarding the admission process in University so that they could extend the necessary guidance to their students in their respective schools.

**Help Desk:** Student Help Desk is set up at the Dean Students' Welfare Office, Conference Centre during undergraduate admission period. These help desks operate for more than a month. The information related to admission was provided through email and telephone by the volunteers who handled the Help Desk.

## **ADMISSIONS**

**Undergraduate Admissions:** The office of the Dean Students' Welfare along with OSD Admissions office with overall guidance of Admission Committee looks after the admission process in the University. The Admission Committee and these offices are involved in the preparation of the University Information Bulletin for Admission with active involvement of the office of Deputy Registrar (Academic). The bulletin of information is made available free online on the University website/admissions portal. Students are required to register through an online registration system on the DU portal. PwD candidates are provided with additional facilities related to their admissions.

**Grievance Redressal:** The grievances of the prospective applicants or the registered applicants in connection with the admissions are addressed by a committee set up under the office of the Dean Students' Welfare. A special committee for addressing grievances of SC/ST/OBC applicants is set up to look into the specific cases of the reserved category applicants/aspirants.

**Post Graduate Admissions:** The postgraduate admission process including entrance test is completely online. It includes online registration, online entrance test, online declaration of results and the merit list. The University has completely done away with human intervention in admissions to ensure utmost transparency in the process. The registration for admission in PG Hostels has also been centralized from 2018.

### **Special Drive for Admission of SC/ST/OBC/PwD Candidates**

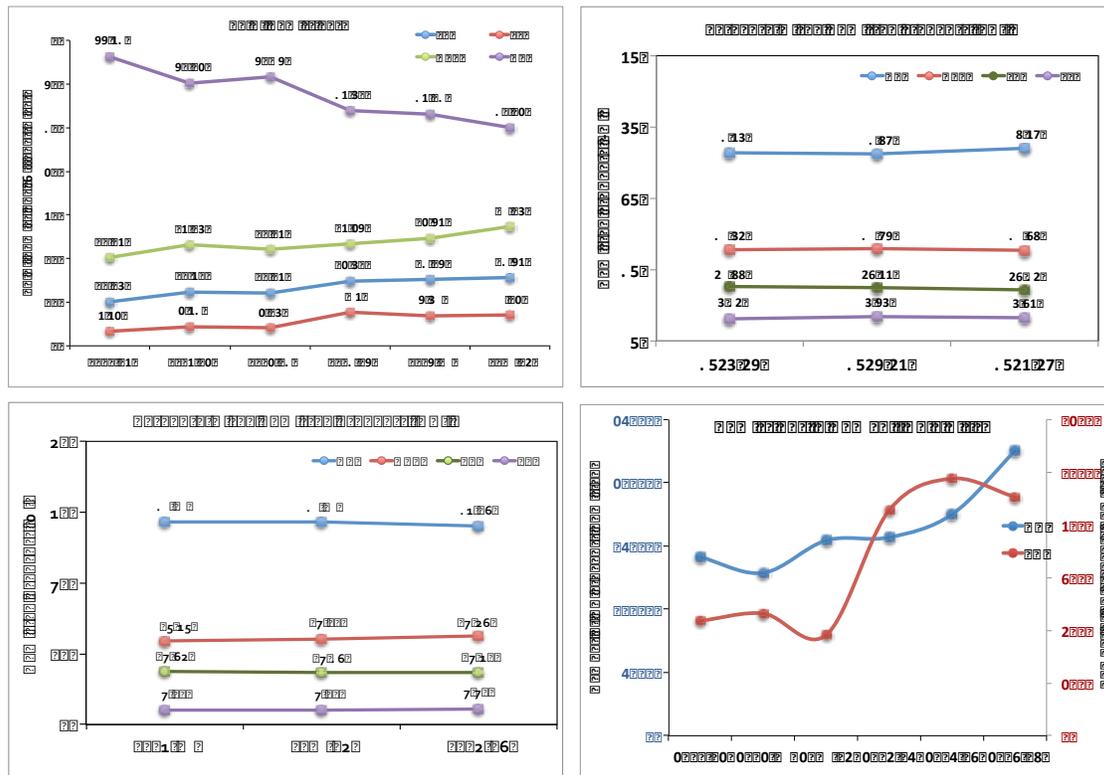
The University is committed to meet its constitutional obligation of reservations of SC/ST/OBC students in admissions. The University Admissions Committee during the past two years organised special drive for admission of the aspiring students from underprivileged sections of our society. The special drive usually lasts for two weeks and has been exceedingly helpful to admission aspirants.

### **Civil Society Participation in the Admissions**

The University of Delhi has quotas in admissions for those students who have excelled or have potential to excel in sports and extracurricular activities (ECA) such as dance and music. The University invites impartial members of civil society with expertise in the relevant fields of sports and extracurricular activities to participate in the admission process.

## Central Placement Cell

The University has a Central Placement Cell (CPC) to provide and facilitate employment opportunities for students pursuing Under-graduate, Post-graduate and Ph.D. courses/programme in various constituent Colleges and University Departments. In its 10<sup>th</sup> year, the total number of students registered in CPC exceeded 16,000 including internship registration. This year a total of 38 companies participated in the CPC programme and carried out on-campus selection at both North and South Campus. More than 1500 students were shortlisted and 1100 students finally got employment in various public and private sector companies with excellent salary packages. A significant number of corporate jobs are offered to Post-Graduate and Ph.D. candidates.



**Figure 2. Affirmative action and meeting our constitutional obligations.**

Note: \*includes students from reserved categories whose merit was equal to UR category.

Along with the regular CPC activities, a number of experts from different fields were invited this year to interact with 1<sup>st</sup> and 2<sup>nd</sup> year UG students. These experts provided our students specialized career guidance. Besides, these interactive workshops with professionals were crucial in enhancing their basic employment gaining skills, i.e., CV writing, facing interviews, self-assessment and self-employment. Two such capacity enhancement workshops were conducted by DSW office this year.

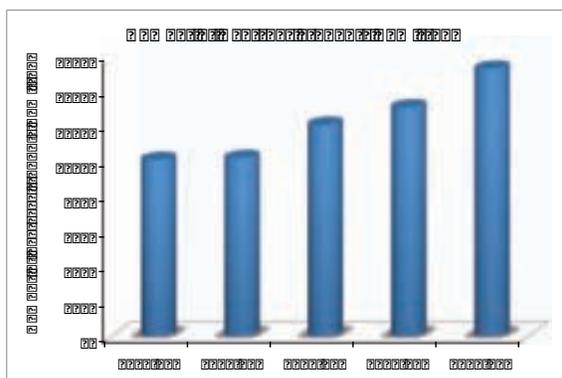
**Placements:** CPC builds liaison with business leaders and senior managers in reputed companies. In 2017-2018 a sizable number of students got job offers from the companies like Amazon, Genpact, Navig8, Forex, Urbanclap, with annual packages up to Rs. 11.00 Lacs. Leading

organizations of international and national repute partnered with University of Delhi for recruitment through CPC.

**Internship Programmes:** UG students of 1<sup>st</sup> and 2<sup>nd</sup> year from different colleges were sent to various companies as interns for a hands on experience in various sectors. For this purpose different companies were invited to register with CPC. This year two internship fairs were organized and more than 1000 students attended the fair. Around 600 students got shortlisted for Accenture, Classroom teachers, Paytm, Orange Octopus, DAIS foundation, OYO Rooms and other prominent companies for internships.

### FOREIGN STUDENTS' REGISTRY (FSR)

1. FSR office has launched a new website for overseas students. The website contains information regarding the process of admission and also provides useful information to students to make their stay and study at the University of Delhi an enjoyable experience. (<http://fsr.du.ac.in/index.html>).
2. Stakeholder participation has been ensured by holding a meeting with admitted foreign students. A detailed FAQ is prepared in consultation with students in order to disseminate essential information to the overseas student aspirants. Feedback received from these students is implemented to ensure the smooth and successful admission process in the university.
3. The admission of all foreign students is made through the online admission portal provided to all the colleges for both undergraduate and postgraduate programmes. The fee payment of the FSR and college is integrated with the online admission portal for ease of the student users.
4. The information regarding admissions is also disseminated to aspiring foreign nationals by sending mails to different Embassies and also to Indian Consulate Offices in different countries.
5. The FSR is also involved in the novel initiative of the University of Delhi in translation of "Classics" of foreign countries in Hindi language.



**Figure 3. A steady increase in number of overseas students admitted in the past 5 years.**

## CRITERION VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT

### **System Development, Implementation and Continuous Improvement**

The University since its inception has been led by visionaries who led this institution to envision, create, implement and sustain an effective management system responsive to the needs of its diverse stakeholders. The leadership has continued to ensure that the University maintains its culture of excellence in teaching-learning, knowledge creation, assimilation and integration.

### **Interaction with Stakeholders**

The University has in place the institutional mechanisms which cater to the needs of different stakeholders. These bodies are structured at different levels, namely the Academic Council, Executive Council and the University Court at the top. Each level represents a diversity of stakeholders, both from within and outside the University system.

### **Culture of Excellence**

Various functionaries of the University holding leadership positions in the University are responsible and accountable for ensuring that the University not only maintains its high academic and administrative standards, but are in charge of maintaining and furthering overall culture of excellence in teaching-learning, research and social outreach programmes. Besides the Vice Chancellor, the Pro-Vice Chancellor, Director, South Campus, Dean of Colleges, Proctor, Deans of various faculties and Heads of the Department, a host other supporting positions in the University work in a coordinated manner to lead the University to move forward and strengthen the university functioning.

### **Organizational needs**

The leadership of the University is sensitive to the emerging needs of its constituents and recognizes the imperatives of the system to grow, diversify, reform, innovate and evolve with changing contexts. These leadership responses have gone a long way in furthering the pursuit of academic excellence, as well as adding new zeal to the administrative superstructure.

### **Decentralized and Participative Management**

The University ensures participative management at all levels of decision-making. The Delhi University Act 1922 designates the following as the “Authorities” of the University.

- The Court
- The Executive Council
- The Academic Council
- The Finance Committee
- The Faculties.

## **STREAMLINING RECRUITMENT**

One of the key areas identified by the university to improve its global ranking pertains to achieving a better faculty-student ratio. Likewise, there is a need to have in place adequate support and ministerial non-teaching staff, which will bolster the University's much deserved place among academic institutions nationally and globally. The following initiatives for recruitment of staff were taken by the University in this regard:

1. In order to speed up the process of recruitment and to bring transparency in the selections, the University constituted a Committee under the Dean, Recruitment & Promotions.
2. Keeping in view the changing job profiles of non-teaching staff in a technologically driven world, the University constituted a committee to frame Recruitment Rules for non-teaching employees under the Chairmanship of Dean, Faculty of Science.
3. To bring the recruitment procedures of faculty (teaching positions) in sync with UGC Regulations 2018 on this subject, the University constituted a committee in September, 2018 to formulate the necessary guidelines and ordinances under the Chairmanship of Dean, Recruitment.

### **Progress of Recruitment Process**

The University advertised 153 posts of Professors, 399 posts of Associate Professors and 378 posts of Assistant Professors in 2017. The following action has been taken concerning these recruitments thus far:

1. The University received 19,065 applications for the 378 advertised positions of Assistant Professor, 2,225 applications for the 399 posts of Associate Professor and 942 applications for the 153 posts of Professor
2. The University has already appointed 145 Assistant Professors against the advertisement posts in the Faculties of Law and Education.
3. A major achievement was appointment of more than 1000 guest faculty in Non-Collegiate Women's Education Board (NCWEB) of the University of Delhi in an absolutely transparent manner based purely on merit.
4. The University was committed to filling these advertised positions to meet the obligations of teaching and also bolster the faculty student ratio. Unfortunately, the process came to a halt in light of the communications received from UGC regarding implementation of reservation policy of the Govt. of India vide letter No. F.1-5/2006 (SCT) dated 05.03.2018, 20.04.2018 and 19.07.2018. In the last communication dated 19.07.2018, the University was asked to postpone the recruitment process.
5. Further, the UGC has issued new regulations on 18.07.2018 regarding appointment and promotions of Teachers and other Academic posts and these regulations will be adopted by the University after reporting the same to statutory bodies.

### **Promotion of Faculty Members**

1. Beside the direct recruitment of faculty members under open posts, the University is engaged in promotion of faculty members eligible under Career Advancement Scheme (CAS). The University has already finalized 18 cases of promotion of faculty members belonging to various Departments like Commerce, Philosophy, Management Studies, Hindi, Education etc., that were pending for some time under the CAS-98 scheme.
2. In addition to the above, the University has also promoted almost 80 faculty members under the CAS-98/CAS 2010 from various Departments like Biophysics, Genetics, Geography, History, Institute of Informatics and Communication, Physics and Astrophysics, Law, etc. in the period 2017-18
3. Promotion of approximately 12 faculty members is under process and the promotion of approximately 30 faculty members will be taken up shortly.
4. The University has also prepared an online Proforma for submission of applications for promotion of faculty members to ensure transparency in process.

### **Recruitment and Promotion of Non-Teaching Staff**

1. The scheme of examinations for the recruitment process of junior level posts was reviewed and a comprehensive scheme was notified in March 2017.
2. Recruitment Rules for Non-Teaching employees have been comprehensively reviewed for the first time in ten years and a comprehensive document containing the Recruitment Rules, Scheme of Examinations for the Recruitment Process, Selection Committees for Direct Recruitment, Departmental Promotion Committees for Promotion and Limited Departmental Examinations, Pay Matrix as per 7th CPC, Nomenclature and Grouping of Posts has been finalized and is being submitted for consideration of the Executive Council at its next meeting.
3. There was a ban on appointment of non-teaching staff for a long time and after a gap of almost more than a decade the process was initiated in 2013. Subsequently, guidelines were issued by DoPT for doing away with interview as part of recruitment process of junior level posts. The scheme of examination was accordingly revised and notified in March 2017. A comprehensive advertisement for non-teaching appointment for Group B & C had also been prepared. The process for finalization of an agency for execution of testing/recruitment process is underway and the advertisement of almost 700 positions would be published as and when the agency will be finalized.
4. The recruitment to the post of Director, VPCI advertised vide No Estab. IV/267/2018 dated 27.02.2018 has been made.

## CRITERION VII : INSTITUTIONAL VALUES AND BEST PRACTICES

### DIGITALIZATION AND e-GOVERNANCE

The University while recognizing the importance and need of advanced ICT based systems embarked on the revamp of the ICT infrastructure as the existing system with closed architecture could not cope up with the diverse and voluminous processes of various units of the University. During last ten years, the University invited leading technology solution providers, but no solutions were forthcoming and these were prohibitively expensive. There were a total of 809112 digital payment transactions from June 2017 to March 2018 and total online payment was Rs. 814.89 crores.

#### Project Formulation and Execution

After due diligence and deliberations, a pilot project was conceptualized to automate the funded research projects at the University. The objective was to facilitate the process of submission of a research project to any funding agency, execution and its management by both Project Investigator and the Finance Branch of the University. This also included managing and streamlining the complex processes through an effective software system. The foundation of the entire system was based on 'Open Source Architecture'.

The project took off and in due course of time software system (Beta version) called 'RPMS' (Research Project Management System) was deployed. The RPMS system is being used by various faculty members at the University.

Looking at the successful implementation of RPMS, the concept of University Information Management System (UIMS) was envisaged. The objective was to develop a robust in-house framework with internal resources. Considering the scale and diversity of the project, our students needed to be engaged in this project and an 'Internship program' at IIC, UDSC was proposed in addition to the approved manpower. The Internship program was to create an ecosystem for human resource development within the University set up. The initiative worked like an incubator, where the new ideas could be incubated and in turn contribute to the University.

#### Major Initiatives

##### I. Academics

- Admission Management
- Certificate Management
- Research Project Management
- Training and Placement Management

## **II. Administration**

- Master Record System
- Inventory Management
- Estate Management
- Legal Case Management
- RTI Management
- Content Federation

## **III. Finance**

- Payroll Management (South Campus)
- Research Grants Management (Funded Projects)

## **IV. Human Resource**

- Recruitment Management
- Employee Records Management (Teaching and Non Teaching)

### **Admission Management System**

#### Salient Features

- Applicable for both UG and PG Admissions
- Ease of Access: Platform Independent
- Efficient Application Process
- Real Time Statistics
- Inbuilt Analytics Engine
- Integration with Helpdesk

### **Recruitment Management**

- Enables University and Colleges to invite and manage applications for recruitment of both Teaching and Non-Teaching Posts
- User Management
- Automated Report Generation
- Content Management
- Automated Email Notifications
- Ease of Access: Platform Independent

## **SUSTAINABILITY INITIATIVES**

### **Environmental Impact of online admission process**

The online admission system alone has brought sustainability dividends in terms of savings of paper (40618500 sheets) which roughly translates into saving of nearly 4875 trees. The carbon

footprint added by commuting students and parents seeking admission and the associated fuel consumption are not included in these estimations.

### **Solar Power Systems**

A public notice was issued on the official website of DU for inviting proposals from the approved vendors of Solar Energy Corporation of India Ltd. (SECI) for undertaking the project of Installation of Solar Energy Infrastructure. M/s Azure Power Ltd. was selected through tendering by the Committee for installation of Roof Top Solar Panels under RESCO modal and accordingly process has been initiated for signing of a MoU. The existing solar power energy systems are as follows.

### **Solar Water Heating System at North Campus, University of Delhi**

|                             |   |           |
|-----------------------------|---|-----------|
| 1. Jubilee Hall             | - | 12000 lpd |
| 2. Gywer Hall               | - | 10000 lpd |
| 3. D.S. Kothari Hostel      | - | 4000 lpd  |
| 4. V.K.R.V. Rao Hostel      | - | 4000 lpd  |
| 5. P.G. Men's Hostel        | - | 4000 lpd  |
| 6. P.G. Women Hostel        | - | 15000 lpd |
| 7. Meghdoot Hostel          | - | 4000 lpd  |
| 8. ISHW Hostel              | - | 4000 lpd  |
| 9. North East Girls Hostel  | - | 4000 lpd  |
| 10. Ambedkar Ganguly Hostel | - | 3500 lpd  |
| 11. DUWA                    | - | 2000 lpd  |

### **LED Lights Installed in the University**

Pursuant to the launch of the National LED Programme by the Hon'ble Prime Minister of India and the consequent decision of the Central Government for mandatory installation of LED based lighting and energy efficient equipment in all Government buildings, a committee was constituted to organize and monitor the Solar Energy Infrastructure under RESCO model and to implement Energy Efficient Lighting Solutions (installation of LED bulbs/tube lights) in the University of Delhi.

A survey was conducted over 80 sites located in North and South Campus by Energy Efficient Services Ltd. (EESL) for installation of LED lights. As a pilot project, the LED Lights were installed at one of the 80 sites to observe the actual power savings by regular monitoring of the electricity readings for 1 to 2 weeks and accordingly the work has been taken up by the Engineering Department of the University. The University up to now has installed more than 7500 LED lights in North Campus after replacing the traditional lights. This is an important step toward sustainability by the University.

## Rain-water Harvesting

A committee was constituted in the University to explore the viability of rain water harvesting systems and to coordinate with the National Green Tribunal (NGT) and other statutory bodies for installing rain water harvesting system in the University and its constituent colleges wherever feasible. A number of colleges have already installed rain-water harvesting systems. The University has installed these systems at many places and is fully geared to install many more in order to bolster the sustainability efforts. That said, the feasibility of rainwater harvesting in North Campus is naturally constrained due to high groundwater levels in the area.



## Annual Flower Show

The “Annual flower show” is a popular tradition of the University of Delhi and is now running in its 61<sup>st</sup> year.

Organized by the University Gardens Committee, the event celebrates environmental awareness and the aesthetics of thousands of flowers in myriad hues, and form. The ambit of participation in the flower show has been expanded in the past two years from Delhi NCR to the national level. In 2018, the displays of the State Department of Jammu and Kashmir were much appreciated. Thousands of footfalls at the flower shows shared in the unique endeavor of The University of Delhi to educate and enjoy the essentiality of plant diversity to sustainability of urban ecosystems.



## BEST PRACTICES

The following best practices are followed in the University and University Departments.

- Online procurement of goods and services from GeM (Government e-Marketplace) up to Rs. 50,000 through any available suppliers on GeM with prior approval of the authority.
- E-tendering of all works above Rs. 15,000/- (fifteen thousand only) by the Engineering Department of the University.

- Launch of a comprehensive and user-friendly Finance Wing website for disseminating information and providing services to different stakeholders of the University.
- Online fee collection portal for undergraduate and post graduate students was launched in the University and its affiliated colleges during the year 2016-2017.
- Abolition of cash/cheque transactions and implementation of digital payments and transactions in the University and affiliated colleges.
- Online Research Project Management System implemented for the convenience of faculty members who are undertaking research projects.
- Implementation of an online medical claim system with effect from April 2017.
- Online admissions for UG and PG admission in the University.
- Online portal for receiving marks of theory examinations, internal assessment and practical papers.
- ICT-based processing of results for all undergraduate courses and the majority of Post Graduate Courses.
- Web-generated statement of marks to students through the portal of the examination wing.



UNIVERSITY OF DELHI



UNIVERSITY OF DELHI  
DELHI