

Annual Quality Assurance Report (AQAR) 2016-2017



Deen Dayal Upadhyaya College

100% funded by Govt. of NCT of Delhi

(University of Delhi)

Sector-3 Dwarka, New Delhi-110078



NAAC Accredited Institution – ‘B’ Grade (CGPA 2.63)

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

All NAAC accredited institutions are required to submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

PART – A

1. Details of the Institution

| | |
|--------------------------------------|-------------------------------|
| 1.1 Name of the Institution | Deen Dayal Upadhyaya College |
| 1.2 Address Line 1 | Sector-3 |
| Address Line 2 | Dwarka |
| City/Town | New Delhi |
| State | Delhi |
| Pin Code | 110078 |
| Institution e-mail address | principaldducollege@gmail.com |
| Contact Nos. | 011-25099380, 25099381 |
| Name of the Head of the Institution: | Dr. S.K. Garg |
| Tel. No. with STD Code: | 011-25099390 |

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879) DLCOGN16015

NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004. EC(SC)/01/A&A/098 May 05,2014 This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.4 Website address:

Web-link of the AQAR:

1.5 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | B | 2.63 | 2014 | 5 year |
| 2 | 2 nd Cycle | | | | |
| 3 | 3 rd Cycle | | | | |
| 4 | 4 th Cycle | | | | |

1.6 Date of Establishment of IQAC: DD/MM/YYYY

1.7 AQAR for the year (for example 2010-11)

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 23/07/2015 (DD/MM/YYYY)
- ii. AQAR 20/12/2016 (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No
(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of **Administrative**/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder
and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff & Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount **Approval letter received: Yes**

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

Title 1: "An Industry Orientation for Computer Science Under-graduate Students".

Key factors:

I. Development of Mobile Apps using DRF and Angular JS".

II. User experience (UX) Design Approach

Title 2: "A Seminar on "E-filing of Returns".

2.14 Significant Activities and contributions made by IQAC

IQAC interacted with departments and students to discuss issues related to academic activities.

Motivated newly appointed teachers to apply for start-up grant to UGC, as a result got start-up grant.

2.15 Plan of Action by IQAC/Outcome

Plan of Action/Outcome

1. Academic Calendar prepared (Annexure-II)
2. Innovative processes, extension and social activities, technology upgradation programs, student support activities, fairs and exhibitions organised as per academic calendar (refer to point numbers 2.6, 3.26,4.5, Annexure-V and point number 5.11 respectively)

2.16 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body Governing Body

Provide the details of the action taken

Approved

PART – B

CRITERION – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | ---- | ---- | ---- | ---- |
| PG | ---- | ---- | ---- | ---- |
| UG | 15 | ---- | 01 | ---- |
| PG Diploma | ----- | ---- | ----- | ---- |
| Advanced Diploma | ----- | ---- | ----- | ---- |
| Diploma | ----- | ---- | ---- | ---- |
| Certificate | 02 | ---- | 01 | 02 |
| Others | ----- | ---- | ----- | ---- |
| Total | 17 | ---- | 02 | 02 |
| Interdisciplinary | ---- | ----- | ---- | ---- |
| Innovative | ---- | ---- | ---- | ---- |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: **CBCS**

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 15 |
| Trimester | ---- |
| Annual | ---- |

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, CBCS was introduced. Wider options were made available to the students viz. Skill Enhancement Course and Generic Elective course.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

None

CRITERIAN – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 94 | 35 | 59 | NIL | ----- |

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|----|----------------------|-------|------------|------|--------|------|-------|----|
| R | V | R | V | R | V | R | V | R | V |
| ---- | 29 | ----- | ----- | ----- | ---- | ----- | ---- | ---- | 29 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| | | |
|----------|----------|----|
| Adhoc 36 | Guest 39 | -- |
|----------|----------|----|

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level/University Level |
|--|---------------------|---|------------------------------|
| Attended Seminars/ Workshops/Conference | 14 | Symposium : 17 Workshop : 4 | 6 |
| Presented papers | 6 | Paper Presentation: 36 Poster Presentation :20 | 3 |
| Resource Persons | Invited Talk: 1 | Invited Lectures:2 Chaired sessions: 1 | Invited Lectures/Talks: 23 |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

INNOVATIVE PROCESSES

Following innovative processes were adopted during the session 2016-2017 to help the young minds to increase their learning capacity:

A National symposium titled “**Trends in Research and Innovations in Life Sciences at Undergraduate level**” was organized on 30th March, 2016. The symposium provided a great opportunity for students to interact with eminent scholars and scientists from various disciplines to get acquainted with latest advances and innovations in biological sciences. About 150 students and teachers from various universities and colleges participated. There were invited lectures from scientists of esteemed institutes on the following topics –

- **‘Bacterial Genomics and Trends in Medical Research’** by Dr. K. Rajeshwari, Professor, Maulana Azad Medical College, Delhi
- **‘Pharmaceutical Drug Development and Review Process’** by Dr. Gaurav Kaith was, Assistant Professor, Baba Bhimrao Ambedkar University, Lucknow
- **‘Reverse Vaccinology Approach and Vaccine Development against Group B Streptococcus’** by Dr. Atul Kumar Johri, Professor, School of Life Sciences, JNU, Delhi
- **‘The Bio-Factories for Future Fuels and Bioplastics’** by Dr. V. C. Kalia, Chief Scientist, IGIB, Delhi.
- The poster session included 33 poster presentations by young minds who have just taken maiden steps in research from diverse fields of Life Sciences. To nurture these budding researchers, this symposium provided the needed momentum.

A subject lecture by Prof. Rup Lal (University of Delhi) on ‘**Microbiology: Then and Now**’ was organized on February 15, 2017.

A poster-making competition on ‘**Real World Applications of Curriculum-based Experiments**’ was organized on 16th February, 2017.

Lecture cum Training program by Mr. Ritesh Garg (Founder, I For Nation) was held on 22nd August 2016. Another Lecture cum interactive session on entrepreneurial opportunities for women in India by Ms. Shashi Singh (Chairperson, Consortium of Women Entrepreneurs in India) was held on 24th August 2016. An educational trip to “Danone Yakult Ltd was organized to let the students understand the manufacturing, marketing, supply and other details of the probiotic product on 20th September 2016.

The speaker session was followed by a panel discussion on entrepreneurship with budding entrepreneurs as panelists. Mr. Atul Bansal, President – Finance at M3M, Mr. Amit Munjal, CEO of Doctor Insta, Mr. Prabhakar Tiwari, Founder of The Margdarshak, Mr. Divij Goyal, Founder of Shoppist, Mr. Narender Kumar, Co-Founder, Trupay and Mr. Karan Saharan, Founder of DoneThing were the panelists and they talked about their journey as entrepreneurs and about their future plans.

A Technical talk was organized on April 04, 2016 titled "**Silicon Nanodevices: Interface Physics and Analysis Challenges**". It was delivered by Dr. M. K. Radhakrishnan, Vice President of Regions and Chapters, IEEE Electron Devices Society and Director of NanoRel Technical Consultants Singapore.

On February 28, 2017, **National Science Day, a Technical Lecture was organized on "Satellite Communication Trends"** which was delivered by Shri Ved Prakash Sandlas, Mentor, ITM University, Gurgaon; Formerly Director General, Amity Institute of Aerospace Engineering (AIAE); Formerly Director General Amity Institute of Space Science & Technology (AISST).

One day lecture-cum-hands on Workshop was organized on 7th March, 2017 on "Regulation of Lac Operon in Prokaryotes". Nearly 100 science students and many teachers from different disciplines attended the lecture on "Understanding the design of Living Systems" by Prof. Madan Mohan Chaturvedi, Head, Department of Zoology, University of Delhi. The lecture helped in converging all science students under one umbrella. The students felt the workshop very informative and complemented their curriculum.

Another two-days workshop was conducted on 12th-13th January 2017 on '**Make Your Own Bot**' for our students. Pankaj Yadav and Pawan Kumar Mishra, students of B.Sc. (H) Electronics took the lead in conducting the workshop. The students assembled their own Robot controlled by the smartphones. Robo-Race and Robo-Soccer competitions were organized for the participants.

The two days inter-college workshop titled Arduino– an Open-source electronic prototyping platform for designers and hobbyists attracted students from across the Delhi University Colleges. Major attractions of the inaugural function were the lighting of the inaugural automatic lamp based on the magnetic sensors and a 'Robo March' by our students Robin Tomar and 'Hexapod motion' by Pawan Kumar Mishra. The participants were able to assemble and make the bot move and control it with their own smartphones successfully.

A Quiz was organized after the workshop to test the information that the students were able to grasp throughout the workshop. Further, **a Robo-Race** was organized with the robots assembled during the workshop and prizes were given to winners of the race.

Two- Day Inter college workshop on "Make your Own Bot" was conducted by in house faculty during 9th-10th March 2017. More than 25 students attended the workshop.

A subject lecture by Dr. Vipin Singh (Amity University) on '**Introduction to Genomics**' was organized on 9th February, 2016.

One day workshop on "VHDL Programming and Digital Circuit Designing" on October 7, 2016. It was attended by over 35 students and faculty members from various colleges of University of Delhi. Workshop included two technical lectures cum lab sessions which were conducted by Dr. AnshuRastogi, Zakir Hussain College and one by in house faculty.

On March 6, 2017, a **Technical talk cum lecture** was organized on “**Recent Technological advances in photovoltaic**”. Mr. Sanjai Kumar, Central Electronics limited (CEL), Sahibabad delivered his keynote talk. It was followed by sharing of experiences in the relevant field and interactive session with students.

The activities of students initiated with organization of an IT quiz “QFiesta” by the DDUC ACM student chapter on August 29, 2016. On 7th October 2016, an industrial visit to APTRON Solution Pvt. Ltd., Noida was organised. The main objective behind this visit was to make all the students aware about “Big Data Analysis and Hadoop”. Mr. Pankaj, an experienced trainer of APTRON conducted the session.

On 18th Oct, 2016, a lecture titled “**Man in The Mirror**” was delivered by Mr. Manish Raj Sharma, Director and Chief training analyst at MRS Training Services. It introduced the students to the Art of Public Speaking, Interpersonal and Intrapersonal Communication, Empowering others and self. The lecture cum session included story-telling, video clip viewing, doing brain teaser activities etc.

The first technical event of session 2016-2017 was organised on 21st October 2016 by Sanganika in association with “**DDUC Code chef Campus Chapter**”. It was a code sprint focussed on coding enthusiast in the campus. It attracted students from different courses to fight the code storm that was waiting for them.

The DDUC ACM student chapter organized a four day **coding competition in C++ as DDUC-ACM Coding League** on October, 24-27, 2016. The DDUC ACM student chapter organized an event, “Blind Coding” on January 30, 2017. It was a coding competition without looking at the monitor screens, create the code in your mind and run your fingers on keyboard.

One-Day Workshop on “An Industry-Orientation for Computer Science Under-Graduate Students” was held on February, 4 2017. The first session was on “Development of Mobile Apps using DRF and AngularJS” by Mr. VikasKundra, (Senior Software Engineer), Josh Labs. The second session was about User Experience (UX) Design Approach by Mr. Abhinav Yadav, (Senior Interaction Designer) IT Industry: Design for Use Consulting Pvt Ltd, it is a user oriented approach to design a software project. The workshop was attended by 40 students approx.

A two-day workshop on the basics of IoT was conducted by Mr. Gaurav Gandhi, CEO and founder of mLabs, and his team of three members on 6-7 March, 2017. The workshop was enthusiastically attended by the 54 participants.

The DDUC ACM student chapter organized an event, “**Tech-o-Hunt**” on April 7, 2017. It was a Treasure Hunt with a tinge of ‘technical’ challenges. The teams were given an Android application which automated the whole Round. The teams were supposed to solve the question on the screen which led them to a location where they could find a QRCode. After scanning the correct QRCode the question on the screen was replaced by next question.

2.7 Total No. of actual teaching days during this academic year 180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions). As part of University examination system following norms are followed:

All practical examinations are conducted before the end semester exams.

Transparency is practiced after the evaluation of answer sheets and assignments in which students are given checked answer scripts and assignments for perusal and resolving their queries.

The Choice Based Credit System (CBCS) provides choice for students to select from the prescribed courses viz. Generic elective and skill enhancement courses.

The Internal Assessment per subject carries 25 Marks and final Theory paper carries 75 marks.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop.

(*-Convener, Syllabus moderation and restructuring committee, 3
-member BRS, member DRC,
-member committee for post graduate and Honours courses)

2.10 Average percentage of attendance of students 63.6

2.11 Course/Programme wise distribution of pass percentage (Result Analysis):

RESULT ANALYSIS/COURSE-WISE DISTRIBUTION OF PASS PERCENTAGE

(i) **The result analysis for Semester –Ist and IIIrd Semesters CBCS (based on Grade-Point scheme)**

| COURSE & YEAR /SEM | Number of students having following details | | | Number of students having following Grades | | | | | | | | | Passing Percentage |
|-----------------------------|---|-----------|----------------|--|--------------------------|------------------------|--------------------|----------------------------|----------------------|-------------------|---------------------|--------|--------------------|
| | APPE. Appeared | AB Absent | Result Awaited | O Outstanding SGPA=10 | A+ Excellent 9<=SGPA <10 | A Very Good 8<=SGPA <9 | B+ Good 7<=SGPA <8 | B Above Average 6<=SGPA <7 | C Average 5<=SGPA <6 | D Pass 4<=SGPA <5 | ER Essential Repeat | FAILED | |
| B.SC.(H) ZOOLOGY SEM I | 42 | NIL | NIL | NIL | NIL | 8 | 12 | 15 | 4 | NIL | 3 | NIL | 92.86% |
| B.SC.(H) ZOOLOGY SEM III | 28 | NIL | NIL | NIL | 1 | 9 | 10 | 5 | 2 | NIL | 1 | NIL | 100% |
| B.SC. (H) BOTANY SEM I | 49 | 03 | 01 | NIL | NIL | 10 | 11 | 20 | 5 | 02 | 03 | NIL | 98% |
| B.SC. (H) BOTANY SEM III | 26 | NIL | NIL | NIL | NIL | 04 | 13 | 06 | 01 | NIL | 02 | NIL | 92.3% |
| B.SC. LIFE SCIENCES SEM I | 58 | NIL | NIL | NIL | NIL | 01 | 10 | 13 | 21 | 04 | 08 | NIL | 84.5% |
| B.SC. LIFE SCIENCES SEM III | 31 | NIL | NIL | NIL | NIL | 03 | 13 | 12 | 01 | 01 | 01 | NIL | 97% |

| COURSE & YEAR /SEM | Number of students having following details | | | Number of students having following Grades | | | | | | | | | |
|-----------------------------------|---|-----------|----------------|--|--------------------------|------------------------|--------------------|----------------------------|----------------------|-------------------|---------------------|--------|--------------------|
| | APPE. Appeared | AB Absent | Result Awaited | O Outstanding SGPA=10 | A+ Excellent 9<=SGPA <10 | A Very Good 8<=SGPA <9 | B+ Good 7<=SGPA <8 | B Above Average 6<=SGPA <7 | C Average 5<=SGPA <6 | D Pass 4<=SGPA <5 | ER Essential Repeat | FAILED | Passing Percentage |
| B.COM(H)/SEM III | 154 | NIL | NIL | NIL | 9 | 54 | 46 | 28 | 12 | 4 | 16 | 1 | 99.35% |
| B.A (PROGRAMME) SEM I | 107 | NIL | NIL | NIL | NIL | 7 | 20 | 34 | 25 | 4 | 18 | 17 | 84.11 |
| B.A (PROGRAMME) SEM III | 99 | NIL | NIL | NIL | 1 | 3 | 8 | 32 | 37 | 9 | 18 | 9 | 81.81 |
| B.SC.(H) MATHEMATICS SEM I | 65 | NIL | NIL | 1 | 6 | 16 | 26 | 14 | 2 | NIL | NIL | NIL | 100% |
| B.SC.(H) MATHEMATICS SEM III | 61 | NIL | NIL | NIL | NIL | 6 | 27 | 18 | 8 | 2 | NIL | NIL | 100% |
| B.SC.(H) COMPUTER SCIENCE SEM I | 63 | 4 | 1 | NIL | 5 | 10 | 10 | 19 | 8 | 2 | 2 | NIL | 100% |
| B.SC.(H) COMPUTER SCIENCE SEM III | 42 | NIL | NIL | NIL | 4 | 10 | 12 | 9 | 3 | 2 | 5 | NIL | 100% |
| B.SC. PHYSICAL SCIENCE SEM I | 24 | NIL | NIL | NIL | 1 | 5 | 8 | 5 | 4 | 0 | 1 | NIL | 100% |

| COURSE & YEAR /SEM | Number of students having following details | | | Number of students having following Grades | | | | | | | | | Passing Percentage |
|-----------------------------------|---|-----------|----------------|--|--------------------------|------------------------|--------------------|----------------------------|----------------------|-------------------|---------------------|--------|--------------------|
| | APPE. Appeared | AB Absent | Result Awaited | O Outstanding SGPA=10 | A+ Excellent 9<=SGPA <10 | A Very Good 8<=SGPA <9 | B+ Good 7<=SGPA <8 | B Above Average 6<=SGPA <7 | C Average 5<=SGPA <6 | D Pass 4<=SGPA <5 | ER Essential Repeat | FAILED | |
| B.SC.(H) PHYSICAL SCIENCE SEM III | 33 | NIL | NIL | NIL | 2 | 1 | 6 | 11 | 9 | 0 | 4 | NIL | 100% |
| B.SC. (H) ELECTRONICS SEM-I | 43 | NIL | NIL | NIL | NIL | 4 | 12 | 14 | 3 | 4 | 1 | 5 | 86.04% |
| B.SC. (H) ELECTRONICS SEM-III | 43 | NIL | NIL | NIL | NIL | 2 | 17 | 7 | 10 | 4 | 1 | 1 | 93.02% |
| B.A. (H) ENGLISH SEM-I | 33 | NIL | NIL | NIL | NIL | 3 | 14 | 9 | 3 | 4 | NIL | NIL | 100% |
| B.A. (H) ENGLISH SEM-III | 43 | NIL | NIL | NIL | NIL | 0 | 4 | 16 | 18 | 3 | NIL | 2 | 95.34% |
| B.SC.(H) PHYSICS SEM-I | 50 | NIL | NIL | NIL | 4 | 14 | 13 | 11 | 5 | 1 | 2 | NIL | 96% |
| B.SC.(H) PHYSICS SEM-III | 51 | NIL | NIL | NIL | 10 | 17 | 12 | 9 | 2 | 1 | NIL | NIL | 100% |
| B.SC. MATHEMATICAL SC. SEM-I | 30 | NIL | NIL | NIL | 3 | 5 | 10 | 6 | 5 | 1 | NIL | NIL | 100% |

| COURSE & YEAR /SEM | Number of students having following details | | | Number of students having following Grades | | | | | | | | | |
|--------------------------------|---|-----------|----------------|--|--------------------------|------------------------|--------------------|----------------------------|----------------------|-------------------|---------------------|--------|--------------------|
| | APPE. Appeared | AB Absent | Result Awaited | O Outstanding SGPA=10 | A+ Excellent 9<=SGPA <10 | A Very Good 8<=SGPA <9 | B+ Good 7<=SGPA <8 | B Above Average 6<=SGPA <7 | C Average 5<=SGPA <6 | D Pass 4<=SGPA <5 | ER Essential Repeat | FAILED | Passing Percentage |
| B.SC. MATHEMATICAL SC. SEM-III | 39 | NIL | NIL | NIL | NIL | 8 | 14 | 8 | 7 | 2 | 4 | NIL | 89.74% |
| BMS SEM-I | 46 | NIL | NIL | NIL | NIL | 11 | 8 | 13 | 10 | 2 | 2 | 2 | 95.65% |
| BMS SEM-III | 41 | NIL | NIL | NIL | 7 | 13 | 13 | 3 | 1 | 1 | 1 | 3 | 92.68% |
| B.SC. (H) CHEMISTRY SEM-I | 60 | NIL | NIL | NIL | 3 | 12 | 10 | 7 | 15 | 8 | 5 | NIL | 91.66% |
| B.SC. (H) CHEMISTRY SEM-III | 31 | NIL | NIL | NIL | 7 | 9 | 8 | 3 | 2 | NIL | NIL | 2 | 93.54% |

(ii) **The result analysis for Semester –Vth (based on marks scheme)**

| COURSE & YEAR/SEM | No. of students APPE. (Appeared) | AB (Absent) | Result Awaited | No. of DISTINCTIONS (Above and equal to 75%) | No. of DIV.I (Above and equal to 60%) | No. of DIV.II (Above and equal to 50%) | No. of DIV.III (Above and equal to 40%) | No. of ER (Essential Repeat) | No. of FAILE D Below 40% | No. of PASS Above and equal to 40% | Passing Percentage |
|---------------------------------------|---|--------------------|-----------------------|---|--|---|--|-------------------------------------|---------------------------------|---|---------------------------|
| B.SC.(H) ZOOLOGY SEM V | 28 | NIL | NIL | 15 | 6 | 5 | 1 | 6 | 1 | 27 | 96.4% |
| B.SC. (H) BOTANY SEM V | 47 | NIL | NIL | 18 | 19 | 6 | 04 | NIL | NIL | 47 | 100% |
| B.SC. LIFE SCIENCES SEM V | 28 | NIL | NIL | 2 | 14 | 4 | 3 | NIL | 5 | 23 | 82.14% |
| B.COM (H) SEM V | 175 | NIL | NIL | 89 | 66 | 16 | 3 | NIL | 1 | 174 | 99.4% |
| B.A (PROGRAMME) SEM V | 111 | NIL | NIL | 08 | 59 | 34 | 6 | NIL | 4 | 107 | 93.39% |
| B.SC.(H) MATHEMATICS SEM V | 78 | NIL | NIL | 65 | 73 | 75 | 75 | NIL | 3 | 75 | 96% |
| B.SC (H) COMPUTER SCIENCE SEM V | 48 | NIL | NIL | 23 | 13 | 4 | 5 | NIL | 3 | 45 | 93.75% |
| B.SC PHYSICAL SCIENCE SEM V | 43 | NIL | NIL | 17 | 13 | 7 | 5 | NIL | 1 | 42 | 97.67% |

| COURSE & YEAR/SEM | No. of students APPE. (Appeared) | AB (Absent) | Result Awaited | No. of DISTINCTIONS (Above and equal to 75%) | No. of DIV.I (Above and equal to 60%) | No. of DIV.II (Above and equal to 50%) | No. of DIV.III (Above and equal to 40%) | No. of ER (Essential Repeat) | No. of FAILED Below 40% | No. of PASS Above and equal to 40% | Passing Percentage |
|----------------------------------|---|--------------------|-----------------------|---|--|---|--|-------------------------------------|--------------------------------|---|---------------------------|
| B.TECH. COMPUTER SCIENCE SEM VII | 52 | NIL | NIL | 31 | 19 | 2 | NIL | NIL | NIL | 52 | 100% |
| B.SC. (H) ELECTRONICS SEM V | 47 | NIL | NIL | 5 | 13 | 16 | 8 | NIL | 5 | 42 | 89.36% |
| B.Tech. ELECTRONICS SEM VII | 43 | NIL | NIL | 17 | 19 | 3 | 2 | NIL | 2 | 41 | 95.34% |
| B.A. (H) ENGLISH SEM V | 48 | 1 | NIL | 1 | 14 | 15 | 12 | NIL | 6 | 42 | 87.5% |
| B.SC. (H) PHYSICS SEM V | 46 | NIL | NIL | 8 | 16 | 12 | 7 | NIL | 3 | 43 | 93.47% |
| B.SC. MATHEMATICAL SC. SEM V | 73 | 5 | NIL | 29 | 30 | 9 | 4 | NIL | 14 | 59 | 80.82% |
| BBS SEM V | 43 | NIL | NIL | 21 | 20 | 2 | NIL | NIL | NIL | NIL | 100% |
| B.SC. (H) CHEMISTRY SEM-V | 79 | NIL | NIL | 38 | 20 | 15 | 4 | NIL | 2 | 77 | 97.46% |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

By meeting with the faculty members and discussing with them to improve teaching learning atmosphere.

By meeting students to analyze the area for improvement.

The splitting of the syllabus term wise helps the teachers and students to prepare themselves for the session.

By Result Analysis of students.

Providing encouraging atmosphere to enhance interest of students in participating in the various academic related activities.

2.13 Initiatives undertaken towards faculty development

| Faculty / Staff Development Programmes | Number of faculty benefitted |
|---|--|
| Refresher courses | 1 |
| UGC – Faculty Improvement Programme | NIL |
| HRD programmes | NIL |
| Orientation programmes | 2 |
| Faculty exchange programme | NIL |
| Staff training conducted by the university | Teachers staff = 2 Admin. Officer = 1 |
| Staff training conducted by other institutions | NIL |
| Summer / Winter schools, Workshops, etc. (Faculty Empowerment Workshop, Teacher Training Workshop) | 10 |
| Others (Faculty Development Program) | 4 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 22 | 6 | - | 4 |
| Technical Staff | 21 | 19 | - | 24 |
| Library staff | 06 | 02 | - | 01 |

CRITERION – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

| |
|---|
| Setting of Departmental Research Labs. Research Facility for Faculty having Research Grant Strengthening of Science foundation for development of Research atmosphere in college. |
|---|

3.2 Details regarding major projects.

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-------------------------------------|---------|------------|-----------|
| Number | 1 | 6 | -- | 1 |
| Outlay in Rs. Lakhs | Expenditure details are given below | | | |

ONGOING PROJECTS (MAJOR RESEARCH PROJECT) :

| S.N. | Name of Teacher | Expenditure details | | Sponsor | Name of Project |
|------|-----------------------|---------------------|-----------------|---------|--|
| | | Amount Sanctioned | Amount Received | | |
| 1 | Dr. Sangeeta Mohan | 7,00,000 | 2,80,000 | ICSSR | Murder on Highway as a Result of Rash Driving, an Unravelling Story of Urban and Rural India |
| 2 | Dr. Avninder Kr.Singh | 44,07,480 | 8,50,000 | SERB | Study of Atomic Processes for multi-charged ions for Plasma Diagnostics |
| 3 | Dr. Jyoti | 6,00,000 | NIL | UGC | BSR Research |
| 4 | Dr. Kapil | 6,00,000 | NIL | UGC | BSR Research |
| 5 | Dr. Sunny Manohar | 6,00,000 | NIL | UGC | BSR Research |
| 6 | Dr. Varnika Bhatia | 10,00,000 | NIL | UGC | BSR Research |

COMPLETED PROJECTS (MAJOR RESEARCH PROJECT) INNOVATION PROJECTS:

| S.N. | Name of Teacher | Funding Agency | Project |
|------|--------------------|----------------|--|
| 1 | Dr. Sangeeta Mohan | CSIR | Impact of Globalization and Agrarian Crisis: A study of Factors Affecting Indian Farmers |

3.3 Details regarding minor projects.

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-------------------------------------|----------------|-------------------|------------------|
| Number | 6 | 1 | - | 2 |
| Outlay in Rs. Lakhs | Expenditure details are given below | | | |

ONGOING PROJECTS (MINOR RESEARCH PROJECT) :

| S.N. | Name of Teacher | Expenditure details | | Sponsor |
|------|-----------------|---------------------|-----------------|---------|
| | | Amount Sanctioned | Amount Received | |
| 1 | Dr. P.L.Meena | 3,50,000 | 2,80,000 | UGC |

COMPLETED PROJECTS (MINOR RESEARCH PROJECT) INNOVATION PROJECTS:

| S.N. | Name of Teacher | Funding Agency | Project | Sanction Amount (₹) | Utilised Amount (₹) |
|------|---|----------------|---------|---------------------|---------------------|
| 1 | Dr. P.L.Meena/ Dr.Sanjay Tandon/Dr.Mahaveer | Univ. of Delhi | DDU-301 | 400,000/- | 270257/- |
| 2 | Dr.Manoj Saxena/ Dr.Poonam Kasturi/Ms.Mamta Amol Wagh | Univ. of Delhi | DDU-302 | 4,00,000/- | 209,612/- |
| 3 | Dr.Chayannika Singh/ Dr.Pradeep Kumar Jha/ Dr.Sangeeta Talwar | Univ. of Delhi | DDU-303 | 3,10,000/- | 265,283/- |
| 4 | Dr.Varnika Bhatia/ Dr.Reeta Kumari/Dr.Sudhir Verma | Univ. of Delhi | DDU-304 | 7,00,000 | 630504/- |
| 5 | Dr.Jyoti/ Dr.Poonam Suri/Dr.Sunny Manohar | Univ. of Delhi | DDU-305 | 5,00,000/- | 376493/- |
| 6 | Mr.Vipin Kumar Meena/ Dr.Sunil Kumar/Mr.Pawan Kumar Jain | Univ. of Delhi | DDU-306 | 3, 50,000/- | 239166/- |

3.4 Details on research publications (**Enclosed Annexure-III**)

| | International | National | Others |
|--------------------------|----------------------|-----------------|---------------|
| Peer Review Journals | 69 | - | - |
| Non-Peer Review Journals | - | - | - |
| e-Journals | - | - | - |
| Conference proceedings | 8 | - | - |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received/Utilised |
|--|---------------|----------------------------|------------------------|--------------------|
| Major projects | -- | UGC/ICSSR/SERB | ` 79,07,480/- | ` 11,30,000/- |
| Minor Projects | -- | UGC | ` 3,50,000/- | ` 2,80,000/- |
| Interdisciplinary Projects | -- | -- | -- | -- |
| Industry sponsored | -- | -- | -- | -- |
| Projects sponsored by the University/ College | -- | University of Delhi | ` 26,60,000/- | ` 199,1315/- |
| Students research projects <i>(other than compulsory by the University)</i> | -- | -- | -- | -- |
| Any other(Specify) | -- | -- | -- | -- |
| Total | -- | -- | ` 10917480/- | ` 3401315/- |

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

NUMBER OF BOOKS PUBLISHED: 9

| Sr.No. | BOOKS PUBLISHED |
|---------------|---|
| 1 | Dr. Hem Chand Jain and HN Tiwari, Computer Application in Business, Taxmann Publications, Delhi, ISBN 978-93-86394-58-3 (2017) |
| 2. | Dr. Mahaveer , Avocado: A wonder fruit, Medicinal Plants, Publisher :Campus Books International, New Delhi ISBN : 978-81-8030-474-3 (2016) |
| 3. | Dr. Mahaveer , Making undergraduate students learn the importance of green approach in the chemistry laboratory , Biomedical and Environment,Campus Books International, New Delhi ISBN : 978-81-8030-479-8 9 (2016) |
| 4. | Sunil Kumar and Meghna Aggarwal , (2017), Economics of Regulation of Domestic & Foreign Exchange Markets, Galgotia Publishing Company, ISBN 978-93-86184-31-3. |
| 5. | Sangeeta Mohan , Afghanistan Towards Stability: Role of America, Russia & India, Falguni Publishers and Distributers, ISBN No-97-893-85494-20-8.. (2017) |
| 6. | Dr. Sangeeta Mohan (2017) –History of Indian Cricket by Lenin Media Pvt. Ltd..ISBN No-9789385995217, Pages- 314. |
| 7. | Sangeeta Mohan , Rising India , Rudra Publishers and Distributers, ISBN No-97-893-85496-202 (2017) |
| 8. | Reena Yadav , Indian Economy Book - Galgotia publication , August 2016, ed. 1 , ISBN- 978-93-86184-03-0 |
| 9. | Deepak Sehgal , (2016) Financial Accounting - North Eastern Hill University, 1st Edition, Vikas Publishing House, Noida, UP, India; ISBN: 9789352590452 |

CHAPTERS IN BOOKS: 5

| Sr.No. | DETAILS OF BOOK CHAPTERS |
|--------|---|
| 1 | Anuja Soni , Vibha Gaur, A Methodological Approach to Identify Type of Dependency from User Requirements, Computational Science and its Applications-ICCSA 2016, Part IV, Volume 9789 of the series Lecture Notes in Computer Science pp 374-391. Springer International Publishing Switzerland ISBN: 978-3-319-42088-2 (2016) |
| 2. | Sudhir Verma , and P.Goel , Chapter: “Human Reproductive System and Gametogenesis” in Biology Programme for S5 for Upper Secondary Sciences, Rwanda Projects 2015-16 pp. 381-414. ISBN: 978-93-83996-88-9 (2016) |
| 3. | S. Verma and P. Goel Reproductive system. In: Biology Programme for S5, Rwanda publications. ISBN: 978-0-8389-9227-2 (2016) |
| 4. | Ankit Rajpal, A. Mishra, R. Bala , Extreme Learning Machine for Semi-blind Grayscale Image Watermarking in DWT Domain. In: Mueller P., Thampi S., Alam Bhuiyan M., Ko R., Doss R., Alcaraz Calero J. (eds) Security in Computing and Communications. Communications in Computer and Information Science, vol 625. Springer, Singapore, ISBN: 978-981-10-2737-6 (Print) 978-981-10-2738-3 (Online) (2016) |
| 5. | Bhatia V. (2016). Food security: A step towards nation building In: Singh G.; Pandey , R.K.; Gautam, B.S.; Singh, R.; Kumar A.; Dar, B. (ed.) Nation building through Higher education. 153. New Delhi publishers, New Delhi (ISBN: 978-93-85503-20-7). |

3.8 No. of University Departments receiving funds from

| | | | | | |
|---------|----|-----|----|------------------|----|
| UGC-SAP | -- | CAS | -- | DST-FIST | -- |
| DPE | -- | | | DBT Scheme/funds | -- |

3.9 For colleges

| | | | | | |
|----------|----|-----|----|---------------------|----|
| Autonomy | -- | CPE | -- | DBT Star Scheme | -- |
| INSPIRE | -- | CE | -- | Any Other (specify) | -- |

3.10 Revenue generated through consultancy

--

3.11 No. of conferences/seminars/workshops organized by the Institution (**Annexure-IV**)

| Level | International | National | State | University | College |
|---------------------|---------------|-------------------------------|-------|--------------|--------------|
| Number | -- | 2 | -- | 2 | 44 |
| Sponsoring agencies | -- | College fund /Company Sponsor | -- | College fund | College fund |

3.12 No. of faculty served as experts, chairpersons or resource persons 27

FACULTY SERVED AS EXPERT, CHAIRPERSON OR RESOURCE PERSON:

1. **Dr. Manoj Saxena** Delivered Invited Talk on “Einstein and His Contributions & Career Opportunities in Photonics and Challenges in Electronic Devices” at INSPIRE Camp held during February 02, 2016 at Rajdhani College, University of Delhi
2. **Dr. Manoj Saxena** Delivered invited lecture on Applications of QM in Nanoelectronics in Third Workshop On “Quantum Mechanics: Theory and Application” during March 13-14, 2016 in Deen Dayal Upadhyaya College, University of Delhi, New Delhi organized jointly by Silizium-Electronics Society, Deen Dayal Upadhyaya College, The National Academy of Sciences, India (NASI) -Delhi Chapter and IEEE Electron Device Society-(Delhi Chapter).
3. **Dr. Manoj Saxena** Delivered IEEE Distinguished Lecture on “Tunnel Field Effect Transistor and its Application as Highly Sensitive and Fast Biosensor” at ED University of Calcutta Student Branch Chapter, Calcutta, India on September 22, 2016.
4. **Dr. Manoj Saxena** Delivered IEEE Distinguished Lecture on “Dielectric Pocket MOSFET: A Novel Device Architecture” at ED Vellore Institute of Technology - Chennai Student Branch Chapter, Chennai, India on October 14, 2016.
5. **Dr. Manoj Saxena** Delivered IEEE Distinguished Lecture on “Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor” at ED Vellore Institute of Technology Student Branch Chapter, Vellore, Tamil Nadu, India on October 15, 2016.
6. **Dr. Manoj Saxena** Delievered IEEE Disniguated Lecture on Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor at one day workshop on compact modeling (including device simulation) at IIT Kanpur on 3rd March, 2017 organized by ED Uttar Pradesh Section - Kanpur Chapter Kanpur, Uttar Pradesh, India
7. **Dr. Manoj Saxena** Deleivered IEEE Disniguated Lecture on Dielectric Pocket MOSFET: A Novel Device Architecture at 7th IEEE ED Mini-Colloquim ON Quantum Devices held at March 7, 2017 at National Institute of Science and Technology, Palur Hills, Berhampur, Odisha, India – 761008
8. **Dr. Manoj Saxena** Delievered invited talk on Application of Tunnel Field Effect Transistor as a Biosensor at 2nd International Conference “2017 Devices for Integrated Circuit (DevIC)”, held at Kalyani Government Engineering College from March 23-24, 2017, organized by IEEE KGEC Student Branch Chapter in association with Department of ECE, KGEC, technically co-sponsored by IEEE EDS Kolkata Chapter.

9. **Dr. Manoj Saxena** On March 25, 2017, delivered IEEE Distinguished Lecture on Embedded Insulator based Novel Nanoscaled Novel MOSFET Structures at Meghnad Saha Institute of Technology, Kolkata organized by ED Meghnad Saha Institute of Technology Student Branch Chapter, Kolkata, India.
10. **Dr. Deepak Sehgal** (20/03/2017) **LIVE WEBCAST** How to prepare for Paper-1: Accounting for May, 2017 examination for IPCC students Group -1 at Institute of Chartered Accountants of India; <http://estv.in/ica i/20032017/web cast1/> (2 Hours)
11. **Dr. Deepak Sehgal** (03/04/2017) **LIVE WEBCAST** How to prepare for Paper-5: 8Advanced Accounting for May, 2017 examination for IPCC students Group -2 at Institute of Chartered Accountants of India; <http://estv.in/ica i/03042017/web cast1/> (2 Hours)
12. **Dr. Deepak Sehgal** (03/05/2017) **LIVE WEBCAST** 'Basic Accounting Process' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
13. **Dr. Deepak Sehgal** (04/05/2017) **LIVE WEBCAST** 'Rectification of Errors and Bank Reconciliation statement' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
14. **Dr. Deepak Sehgal** (05/05/2017) **LIVE WEBCAST** 'Inventory Valuation' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
15. **Dr. Deepak Sehgal** (06/05/2017) **LIVE WEBCAST** 'Depreciation' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
16. **Dr. Deepak Sehgal** (07/05/2017) **LIVE WEBCAST** 'Financial Statements' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
17. **Dr. Deepak Sehgal** (08/05/2017) **LIVE WEBCAST** 'Consignment / Joint Venture / Bills of Exchange' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
18. **Dr. Deepak Sehgal** (10/05/2017) **LIVE WEBCAST** 'Goods sold on Approval / Company Accounts / Issue, Forfeiture and Reissue of equity shares / Redemption of Preference Shares / Debentures' for CPT students at Institute of Chartered Accountants of India; <http://estv.in/ica i/> (3 Hours)
19. **Dr. Deepak Sehgal** Expert in "The National Workshop on Course Structure & Curriculum Development for Integrated Course on Accountancy and Law", Faculty of Commerce, Dayalbagh Educational Institute, (Deemed University) Agra, 4 March, 2017.
20. **Dr. R. M. Bhardwaj**, 28th March, 2017, Paper entitled "The Training of the Monks in Tibet: Atisa Dipamkaras Bodhipathpradipa", The Nature and Function of the Bodhisattva Vrata in Atisa Dipankaras Bodhipathpradipa' at the National Seminar on Significance of Indo-Tibetan Studies: A Cultural Heritage of Nalanda Tradition, Department of Indo-Tibetan Studies, Visva-Bharati, Santiniketan, West Bengal, 27th-28th March, 2017.
21. **Dr. R. M. Bhardwaj**, 28th March, 2017, Delivered an invited special lecture on 'The Heritage of Nalanda and its Academic Tradition' on the valedictory Session of the National Seminar on Significance of Indo-Tibetan Studies: A Cultural Heritage of Nalanda Tradition, Department of Indo-Tibetan Studies, Visva-Bharati, Santiniketan, West Bengal, 27th-28th March, 2017.

22. **Dr. R. M. Bhardwaj**, 28th March, 2017, Chaired a session-‘Parallel Session IV-A’ at the National Seminar on ‘Significance of Indo-Tibetan Studies: A Cultural Heritage of Nalanda Tradition’, Department of Indo-Tibetan Studies, Visva-Bharati, Santiniketan, West Bengal, 27th-28th March, 2017.
23. **Dr. Hem Chand Jain** Delivered Four Lectures in Two-Day Faculty Empowerment Workshop for Commerce Teachers on "Computer Application in Business" held on 20-21/1/2017 of SGTB Khalsa College, University of Delhi, Organised by the Indian Accounting Association, Delhi Chapter in collaboration with “Guru Angad Dev Teaching learning Centre, and Department of Commerce, SGTB Khalsa College.
24. **Dr. Hem Chand Jain** Two Lectures in One-Day Faculty Empowerment Workshop for Commerce Teachers on "Computer Practical’s in Business Mathematics" held on 4/2/2017 of SGTB Khalsa College, University of Delhi, Organised by the Indian Accounting Association, Delhi Chapter in collaboration with “Guru Angad Dev Teaching learning Centre” at SGTB Khalsa College created and Department of Commerce, SGTB Khalsa College
25. **Dr. Monika Bansal** A Guest lecture was delivered at Rukmani Devi Institute of Advanced Studies, Delhi (Affiliated with GGSIPU) on 22nd August 2016 on the topic "Recent trends of Advertisements".
26. **Dr. Sudhir Verma** In the ‘Hands-on workshop on Introduction and Applications of UV-Vis Spectroscopy’ by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi on February 08-12, 2016.
27. **Mr. Ankit Rajpal** delivered a technical lecture titled “Essentials of shell Programming” as a resource person and conducted a three hour hands-on session on both days of the workshop “Linux Foundation Training” organized under Science Foundation Committee at Deen Dayal Upadhyaya College during 29-30 March, 2017.

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget (**sanctioned amount**) for research for current year in lakhs :

| | | | |
|---------------------|---|---------------------------------------|--|
| From Funding agency | <input type="text" value="` 8257480/-"/> | From Management of University/College | <input type="text" value="` 26,60,000/-"/> |
| Total | <input type="text" value="` 10917480/-"/> | | |

(Details of research budget and their funding agencies are mentioned in point numbers 3.2, 3.3 and 3.6)

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | -- |
| | Granted | -- |
| International | Applied | -- |
| | Granted | -- |
| Commercialised | Applied | -- |
| | Granted | -- |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year.

| Total | International | National | State | University | District | College |
|-------|---------------|----------|-------|------------|----------|---------|
| -- | 2 | 2 | 1 | 1 | -- | -- |

NO. OF RESEARCH AWARDS/RECOGNITIONS RECEIVED BY FACULTY:

- Dr. Monika Bansal** has been awarded **Meritorious Lecturer Award** by Government of NCT of Delhi for the year (2014-15) based on evaluation comprising of Student Evaluation, Result Evaluation, and Appraisal by a Screening Committee and Evaluation by the Principal.
- Dr. Manoj Saxena** has been awarded **IEEE Electron Device Society Distinguished Lecturer** from IEEE-EDS USA.
- Dr. Sudhir Verma** is being awarded **UGC-NRCBS** Visiting Research Fellowship at Madurai Kamaraj University (June-July, 2016).
- Dr Manoj Saxena** is **Chapter Advisor** – The National Academy of Sciences, India – Delhi Chapter (2016 onwards).
- Dr. Varnika Bhatia** got **Best oral paper presented award** at Looking beyond 21st century for Environmental & Agricultural Revolution (SPREA 2016) organized by Society for Plant Research & Department of Botany, Delhi University.

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them.

| Sr.No. | Name of Ph.D. guides | Number of Students |
|--------|----------------------|--------------------|
| 1 | Dr. Manoj Saxena | 2 |
| 2 | Dr. P.K. Jha | 2 |
| 3 | Dr. A.K. Singh | 2 |
| 4 | Dr. Ratnesh Saxena | 6 |
| 5 | Dr. Deepak Jain | 2 |
| 6 | Dr. H.P. Roy | 1 |
| 7 | Dr. Anurag Mishra | 3 |
| 8 | Dr. Rampal | 4 |
| 9 | Dr. Rajni Bala | 2 |
| 10 | Dr. Yogieta S.Mehra | 1 |
| 11 | Dr. Hemchand Jain | 1 |
| 12 | Dr. R.M. Bharadwaj | 1 |

Total Number of Ph.D guides - 12

Total number of students registered - 27

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF

Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

| | | | |
|------------------|---------------------------------|---------------------|---------------------------------|
| University level | <input type="text" value="--"/> | State level | <input type="text" value="--"/> |
| National level | <input type="text" value="--"/> | International level | <input type="text" value="--"/> |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|---------------------------------|---------------------|---------------------------------|
| University level | <input type="text" value="--"/> | State level | <input type="text" value="--"/> |
| National level | <input type="text" value="--"/> | International level | <input type="text" value="--"/> |

3.24 No. of Awards won in NCC:

| | | | |
|------------------|---------------------------------|---------------------|---------------------------------|
| University level | <input type="text" value="--"/> | State level | <input type="text" value="--"/> |
| National level | <input type="text" value="--"/> | International level | <input type="text" value="--"/> |

3.25 No. of Extension activities organized

| | | | | | |
|------------------|---------------------------------|---------------|--------------------------------|-----------|---------------------------------|
| University forum | <input type="text" value="--"/> | College forum | <input type="text" value="4"/> | | |
| NCC | <input type="text" value="--"/> | NSS | <input type="text" value="9"/> | Any other | <input type="text" value="--"/> |

(Details of extension activities are mentioned in section 3.26)

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

To sensitize the students about physically and mentally challenged people, NSS volunteers prepared and performed a **street play** called '**Bas ab aur nahi**' on 30th September, 2016.

Two NSS volunteers got enrolled with the University NSS as **SVEEP (Systematic Voters' education and Participation Campaign) ambassadors, and as part of Youth Electoral Campaign**. Over 110 students got their voters Identity card made at a camp organized by the Electoral Office on 20th Oct.2016 with the help of the NSS volunteers.

A blood donation camp was organized with Aahuti Welfare and Indian Red Cross on 4th Nov. Around 120 students came forward for blood donation and 68 units of blood was collected.

A free health checkup camp for female students of the college was organized with Aahuti on 11th January. Around 150 students consulted Dr. Smita Gynecologist, Saket and Dr. Smritia dietician and got their hemoglobin levels checked.

Eight NSS volunteers after being trained, by Chief Election Officer, Delhi in collaboration with Ministry of Social Justice, **worked to facilitate disabled voters** cast their votes in the by election (Rajouri Garden), on 9th April, 2017.

Three cartons of winter clothes were collected and distributed amongst the needy together with Deen Daya ILok Foundation.

NSS Unit of our College worked with the children from slums and JJ colonies. Our volunteers helped children in their studies at (1) center run by an NGO called Ran Bhoomi Foundation at JJ colony Sector 16 B, Dwarka and (2) center in Ramesh Nagar run by Reach Out and Pass it On (ROPIO).

A two days festival was organized by the NSS unit on 23rd and 25th of March. On the first day a convention on '**Rehabilitation of Street Children**' was held. Ms. Roopa Kapoor, from National Commission for Protection of Child Rights (NCPCR), was the chief guest. Representatives from NGOs – Jamghat, Prayas, Badhte Kadam and KAVERI working for the rehabilitation of street children participated in the panel discussion. It was heartening to hear the success story of the children of Badhte Kadam, who are publishing a newspaper, Balaknama, on street children for many years.

On the second day **several sports and talent competitions were held** for the children from Sector 16, Dwarka and Ramesh Nagar. Over 50 children participated.

Social Responsibility Cell (SRC) of the Department of management Studies conducted a number of activities like free of cost workshop by Navkala Creation on 14-16th September 2106 for the art lovers.

Social Responsibility Cell (SRC) of the Department of management Studies conducted Social Internship conclave on 30th September 2016 with an aim to provide winter internships in social sector. More than 10 NGOs participated in the event and around 80 students were given offers for internships. Mr. Onkar Nath, Director General, Comptroller & Auditor General of India, (Southern Region) graced the occasion as chief guest.

To stop the degradation of the planet’s natural environment,, Enactus DDUC focused on environmental sustainability through campaigning “mitticool”, an eco-friendly refrigerator.

On 8th November, 2016, the **members of Optizone, planned a SMILE event as part of social responsibility.** The Society executives collected the donation from its members and organized a children's day celebration in “Handicap Children Rehabilitation Association (HCRA) PashchimVihar, Delhi, which is run by an NGO for Handicapped children. A kids' talent showcase round was scheduled. In this the kids danced, told stories, and presented their crafted items.

In September the **NSS volunteers cleaned the boundary walls of the college** by removing the posters pasted at the time of union election.

Fifteen volunteers helped the library staff in setting up the library devoting time on daily basis from 9th to 22nd January.

CRITERION – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities* | Existing | Newly created | Source of Fund | Total |
|--|----------|---------------|----------------|-------|
| Campus Area | - | 31000 sq. m | -- | -- |
| Class Room (including 12 Tutorial Room) | - | 49 +12 = 61 | Delhi Govt. | -- |
| Laboratories (including 04 Research Lab) | - | 25 | Delhi Govt. | -- |
| Seminar Halls (including 10 Lecture Theatre) | - | 12 | Delhi Govt. | -- |
| No. of important equipments purchased (≥ 1-0 lakh) during the current year. | - | -- | -- | -- |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | -- | -- | -- |
| Others (Auditorium) | - | 01 | Delhi Govt. | -- |

* Note: The College has shifted to the New Campus at Dwarka.

4.2 Computerization of administration and library:

Fully automated library is operational since 2004, using professional software ‘LSEase’ of Libsys Corporation.
Student Management System (both intranet and internet) working smoothly.
Other functions of Administration are also computerised (intranet).

4.3 Library Service:

| | Existing | | Newly added | | Total | |
|-------------------------|----------|-------------------|------------------|--------|------------------------|--|
| | No. | Value | No. | Value | No. | Value (Rs.) |
| Text Books | 30566 | 7432590 | 959 [#] | 644036 | 31525 | 8076626 |
| Reference Books | 5800 | 4656040 | 128 [#] | 543010 | 5928 | 5199050 |
| e-Books | 135000 | - | - | - | 1,35000 | Rs. 5750 (N-LIST Consortium Price) |
| Journals (+Magazine) | 34(+25) | 49395 (+28855) | - | - | 26 ^{#3} (+25) | 36310 ^{#1} (+22256 ^{#2}) |
| e-Journals | 50,000 | - | - | - | 50,000 | (Through N-LIST, UGC-Infonet & Delhi University Library System) |
| Digital Database | 84 | - | - | - | 84 | (Through UGC-Infonet & Delhi University Library System) |
| * CD & Video | 782 | - | 52 | - | 834 | (Purchased alongwith Books/ Magazine) |
| Others (specify) | | | | | | |

Note: # Indicates that newly added volumes include 08 gifted books.

1 & #2 indicate that Subscription amount has been re-appropriated as per actual expenditure of the receipted volumes.

3 Indicates that out of 34 active journals in the subscription list only 26 materialized

4.4 Technology up gradation (overall):

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|--------|
| Existing | 1172 | 04 | 02 | 01 | 01 | 02 | 11 | - |
| Added | 20 | 01 | 04 | 01 | - | - | - | - |
| Total | 1192 | 05 | 06 | 02 | 01 | 02 | 11 | - |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

An **IT Quiz “QFiesta”** was organized by the **DDUC ACM student chapter** on August 29, 2016.

A two day workshop on the basics of IoT was conducted by Mr. Gaurav Gandhi, CEO and founder of mLabs, and his team of three members on 6-7 March, 2017.

The DDUC ACM student chapter organized an event, **“Tech-o-Hunt”** on April 7, 2017.

A workshop on “Digital Marketing” was organized in association with Delhi School of Internet Marketing on August 24, 2016 to make the students aware of this new concept and to improve their skills and creating an entrepreneurial niche in digital era.

A one day seminar was organized on **“E-filing of Returns”** on January 14, 2017.

During March 29-30, 2017, **two days workshop on Linux Foundation Training** was organized by the committee alongwith some faculty members of computer science department for B.Sc. Physical Science students of our college.

One day workshop on UAV/Drone Training on 24th October 2016.

The two days Firebird V workshop that was organised on 12th – 13th December 2016. The students learnt about the robotic research platform ‘Firebird V’ through hands on exercises and also successfully incorporated some of their ideas.

The two-day inter-college workshop titled Arduino – an Open-source electronic prototyping platform for designers and hobbyists attracted students from across the Delhi University Colleges.

Three day workshop on “Getting Started with Arduino” was conducted for our own students starting on 28th March 2017.

4.6 Amount spent on maintenance in lakhs :

| | |
|--|-------------------|
| i) ICT | Rs. 3,54,697/- |
| ii) Campus Infrastructure and facilities | -- |
| iii) Equipment | Rs. 98,52,325/- |
| iv) Others | -- |
| Total = | Rs. 1,02,07,022/- |

CRITERION – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Student scholarship, already in existence, as initiated last year.

An initiative was taken to organize remedial classes for SC/ST and OBC candidate under UGC scheme.

Different societies in the college, work to enhance student support and progression. (Annexure-V)

5.2 Efforts made by the institution for tracking the progression.

The process of tracking of passed out /Alumni students' progression is already in existence at departmental level. The database of passed out students has been created through Alumni and Social Network sites.

The examination system has inbuilt mechanism for monitoring the progression.

Continuous evaluation is carried out throughout the semester via test, projects, presentations, assignments, quiz etc. to track the progression of students.

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|------|----|--------|--------|
| 2694 | | | |

(b) No. of students outside the state

1830

(c) No. of international students

07

| | No | % | | No | % |
|-----|------|-------|-------|------|-------|
| Men | 1532 | 56.87 | Women | 1162 | 43.13 |

| Last Year (2015-16) | | | | This Year (2016-17) | | | |
|---------------------|-----------|-----------------------|-------|---------------------|-----------|-----------------------|-------|
| General | SC+ST+OBC | Physically Challenged | Total | General | SC+ST+OBC | Physically Challenged | Total |
| 1266 | 1247 | 2.0 | 2515 | 1260 | 1403 | 31 | 2694 |

Demand ratio

--

Dropout %

2.96%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

To facilitate students appearing in competitive exams, **the placement cell organized workshops and training session rounds by prominent organizations** like TCS, Catalyst, Bajaj Capital, Times Pro, Teach for India and Eptitude.

Under this section for the welfare of the students, two major documents are created, **College Brochure** and a **Student Docket**.

- Every company is sent a **College Brochure**, which contains information about strength of our college, courses taught, achievements and facilities our college provides.
- In the beginning of New Year, Placement Cell releases a **Student Docket**, a thirty page document which includes necessary information about the Placement Cell and also functions as a how-to guide for students. The docket contains important articles and tips for interviews, group discussions and soft skills.

A **panel discussion** was held on entrepreneurship with budding entrepreneurs as panelists. Mr. Atul Bansal, President – Finance at M3M, Mr. Amit Munjal, CEO of Doctor Insta, Mr. Prabhakar Tiwari, Founder of The Margdarshak, Mr. Divij Goyal, Founder of Shoppist, Mr. Narender Kumar, Co-Founder, Trupay and Mr. Karan Saharan, Founder of DoneThing were the panellists and they talked about their journey as entrepreneurs and about their future plans.

Blue Print, the flagship event of Entrepreneurship Development Cell of the Department designed to foster the spirit of entrepreneurship in young students was held on 9th February, 2017. The teams from premier institutions set their business ideas to work & formulate innovative viable B-Plans. An extremely diverse and experienced set of judges comprising of Mr. Divij Goyal: CEO, Shoppist, Mr. Pranay Kumar, Business Head, Corporate Advisory Division, Mott MacDonald and Mr. Ramesh Prasad, Co-founder, Digital Paanda selected the top teams after duly scrutinizing the feasibility of their Business Plans.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

| | | | | | | | |
|--------------|--------------------------------|-----------|--------------------------------|----------------|----------------------------------|--------|---------------------------------|
| NET | <input type="text" value="-"/> | SET/SLET | <input type="text" value="-"/> | GATE | <input type="text" value="3 S"/> | CAT | <input type="text" value="10"/> |
| IAS/IPS etc. | <input type="text" value="-"/> | State PSC | <input type="text" value="-"/> | UPSC* (CDS) | <input type="text" value="2"/> | Others | <input type="text" value="48"/> |

Description of Others

BMAT=1 IPCC Group1=8 CET=1 AFCAT*=2 SSB for Indian Army=1
CMA group1=1 IPCC Group2=5 IIT JAM*=26 GRE+TOELF=3
*Interviews/Counselling pending

5.6 Details of student counselling and career guidance

STUDENT COUNSELLING AND CAREER GUIDANCE

The Career Counseling and Placement Cell has been set up in the college to offer to the students as sense of direction and an exposure to the range of openings and job possibilities available to them as they pass out of the college. Details of student counseling and career guidance are given below:

During 2016-2017, around 91 students were recruited by some of the leading companies like E & Y INDIA ,Concentrix, Oberoi Hotels & Resorts,Bajaj Capital, Max Healthcare, Jaro Education, Career Marshall,RBS,Career Moves, AON Hewitt (recruited by NIIT) etc.

The students also got selected for on-campus internships. A total of 18 students were selected by IDBI Federal Life Insurance Ltd. Apart from this, several companies like Sociowash, Internshala Nation Wide Online Contest, Vebbler, Indian Economists, ASMAT, University Express, Scraplabs fellowship programme, Sportido, Helpiez, Saviours ,NGO, IDBI Federal Life Insurance Ltd. (18 students selected), . Roposso, City Furnish, Breakthrough, Archon, Chalkstreet, Sportspal, Feeding India, Oyo Rooms, Shashwank Travels have invited students for off-campus internships.

To facilitate students, the placement cell organized workshops, seminars and training session rounds by prominent organisations like Eptitude Case Study Contest, Times Pro Seminar, IMS Seminar etc

This year, the Cell has created two major documents, College Brochure and a Student Docket. The College Brochure containing information about strength of our college, courses taught, achievements and facilities provided was sent to every company presently visiting our college for recruitment. A Student Docket functioning as a how-to guide for students contains important articles and tips for interviews, group discussions and soft skills etc.

A national conference on “Managing Indian Economy: Challenges for Future” was held on 11th February 2017. The conference received response in terms of research papers from all over the country. Various eminent presenters graced the occasion with their presence.

The Training and Career Cell of BMS Department conducted 4 placement drives in the first cycle of the placement season 2016-17. It hosted Vistara Airlines, Secure Now, Axis Risk Consulting Services and S&P Capital IQ. TCC was able to get job and internship opportunities from more than 15 companies like Towers Watson, Grant Thornton, Doctor Insta and B9 Beverages. A total of 17 students till now have received at least one offer letter from Secure Now, S&P Capital IQ, and Axis Risk Consulting Services. Both the number of offers and companies extending their job offers have increased from 12 to 17 and from 7 to 13, respectively.

TCC had conducted orientation and induction programs of freshers and was also involved in helping the students of the department in resume building and presentation. Besides organizing placement drives and cold calling, the placement cell had organized seminars in collaboration with LIC and IMS.

A wide range of activities encompassing academic, interaction with industry, and co-curricular activities this year. To begin with, on August 22, 2016 a workshop entitled Creative Entrepreneurial Thinking was organized by the Entrepreneurship Cell of CommUnity in collaboration with IIT-Kanpur. The key issues discussed were creativity, innovation, and learning to shape future entrepreneurs. Besides, four aspects

of innovation – Explorer, Artist, Judge and Warrior were also highlighted by underlining the exemplary work of various legends.

The workshop was followed by a seminar on ‘Digital Marketing’ in association with Delhi School of Internet Marketing on August 24, 2016 to make the students aware of this new concept and to improve their skills and creating an entrepreneurial niche in digital era.

Another seminar was conducted in association with BSE Institute Ltd. to give to the students an insight into the capital market viz., Mock-Stock on February 9, 2017.

No. of students benefitted

| |
|-----|
| All |
|-----|

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 13 | 179 | 86 | 5* |

*. B.Tech Computer Science Students got off campus placement

5.8 Details of gender sensitization programmes/Women Development Cell

Gender Sensitization Programmes

The Gender Sensitization Committee appointed two gender champions and enrolled a number of students from various classes to work as Gender Volunteers. A workshop was organized in the college for these students by inviting experts from Breakthrough (NGO) to enable them to understand the issue of Gender and to train them to conduct workshops for college students in the coming sessions on a continuous basis.

Women Development Cell

The society commenced its activities with an Orientation Programme organized on 26th September 2016 to apprise the students about its aims and functioning. More than 100 students attended the lecture titled “Rethinking Sexual Violence & the Women's Movement” on 3rd November 2016. The speaker Ms Mary E John, Director of CWDS from 2006-2012, has been working in the field of women’s studies and feminist politics for many years.

An Inter College Poster making Competition on Feminism, held on 31st January 2017, witnessed a participation of 25 colleges of University of Delhi. First prize went to Jesus and Mary College, DU. Student leaders of WDC and ENACTUS attended South Asian Young Women Leadership Conclave organized by Miranda House of University of Delhi organised in association with Canada on 9th February 2017. They got some real insight about the social and leadership issues in various countries.

An Interactive session with Ms. Santosh Yadav, a recipient of Padamshree Award by Govt of India, was organized on 6th April 2017. She is a renowned mountaineer who conquered Mount Everest 4 times. Students were highly inspired by her achievements and simplicity towards life.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

No. of students participated in Other (Debate, Quiz , MUN and Robotics club) events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

Other events: State/ University level National level International level
(Debate, Quiz, MUN, Robotics Club,
Summer Research Fellowship award)

5.10 Scholarships and Financial Support

| | Number of students | Amount (Rs.) |
|--|--------------------|--------------|
| Financial support from institution | 497 | 764870/- |
| Financial support from government | 4 | 37460/- |
| Financial support from other sources | 22 | 84780/- |
| Number of students who received International/ National recognitions | ---- | ----- |

5.11 Student organised / initiatives

| | | | | | | |
|-------------|---------------------------|----|----------------|----|---------------------|----|
| Fairs | : State/ University level | 15 | National level | 1 | International level | -- |
| Exhibition: | State/ University level | 5 | National level | -- | International level | -- |

FAIRS AND EXHIBITIONS

➤ **Fair:**

Social Internship conclave was held on 30th September 2016 with an aim to provide winter internships to the students of DDUC in social sector. More than 10 NGOs participated in the event and around 80 students were given offers for internships. Mr. Onkar Nath, Director General, Comptroller & Auditor General of India, (Southern Region) graced the occasion as chief guests.

Tech-Marathon 2017, the Annual Computer Science Technical festival was organized on 17-18 February and was a huge success with approx. 400 participants from more than 20 colleges. There were 16 events with prizes.

The annual fest MATHRIX-2017 was held on 7th & 8th March 2017. The fest started with an academic talk by eminent Professor Ajay Kumar, Department of Mathematics, University of Delhi. Following the talk there were ten events evenly spread over two days which were well participated by students of several colleges. Among various events the "Ideate"-(Mathematical Presentation) on the first day and "Great Debate" on the second day were well attended. The two day event ended with a very energetic and vivacious talk by Prof. V. Ravichandran, Head & Professor, Department of Mathematics, University of Delhi.

This year's edition of 'Zucitva', the annual inter-college festival of the Department was held on February 17-18, 2017. It brought together approximately 400 young minds of various Universities and institutions providing them with a platform to express their talents in the best possible way.

An intercollege festival, "AURORA", organized on 26th October, 2016, comprised of four events: KlipKamal: write prose or poetry based on a short video clip screening; Inkheart: spin a poem or a story in English based on a given set of words; Brush & Me: a painting competition, organized by the Fine-Arts wing and Julius Quizzer: a literature quiz competition.

During March, 2017, annual Intercollege financial festival-Finanza 017, was organized, wherein more than 600 students participated from across the colleges and universities. On March 29, 2017, club organized a seminar and finance quiz on Career in Finance by Actuation Careers, New Delhi.

Kalrav'17, the annual cultural festival of the college was held from 2nd March to 4th March 2017. The intercollege events and performances of the fest began on 3rd March and extended to 4th March with Events like Business Tambola, Blind Fold, Film making competition, Solo singing, Face painting, Anjana Anjani, Mono act, Battle of Bands, Online Dubsmash, Entertainment quiz, Western Group dance, Cric Buzzand Street Play etc.

On 2nd March 2017, a **National level Kalamkaar - Kavi Sammelan** was organized. Renowned poets recited their poems inspiring youth to express their views whenever wherever required.

A two days festival was organized by the NSS unit on 23rd and 25th of March. On the first day a convention on 'Rehabilitation of Street Children' was held. On the second day several sports and talent competitions were held for the children from Sector 16, Dwarka and Ramesh Nagar. Over 50 children participated.

The inter college annual chemical fest "Rasayanotsava-2017" took place on Feb 27-28, 2017. The fest started with a talk by Dr Nityanand Agasthi on 'Nanoparticles inside carbon nanotubes: a new class of materials'. He explained various aspects of his research work which he carried out during one year academic visit at University of Nottingham, United Kingdom. The academic and fun activities of the fest like debate, Ad-Mad, T-shirt painting, creative writing, science quiz and chemical tambola witnessed energetic participation from different colleges of University of Delhi.

The annual fest "AAVEG" was held on 7-8th March, 2017 with about 15 events including technical events like robo race, science quiz and paper presentation and non-technical events like tug of war, treasure hunt, lan gaming and JAM all of which served their purpose by bringing out the unlocking of the minds of all. Event like brain twister got the attention of all, blowed the minds of many, but hit the trigger of mind of few.

The inter-college Annual Fest, Zoofestea'17 was organized on 9th March, 2017. Various activities held included Declamation, Ad-mad, Quiz, and Vision-draw, Murder mystery, Creative writing, Photography, Karaoke and Salad making. Students from other colleges and different courses participated and won prizes.

The annual festival- Mridang was held on 17-18 February, 2017. Events like Wrangle – the Debate, Andaz-e-kalam - writing competition, Umbrella painting, Jugalbandi, Wordsworth – English vocabulary competition, History Quiz, Photography competition and many others were organized during the festival. Students from NLU, Amity University and from various colleges of Delhi University participated in the festival and made it a huge success.

Two day annual literary festival, Who's Afraid of Ides of March? was held on 23rd and 24th March, 2017. The highlight of the literary festival was a performance of the first ZEST theatre production on 24th March, Us and Them a play written by David Campton, directed by Riyansh Taneja and Preeti Chopra and produced by Dr. Pramesh Ratnakar. The play was exclusively performed by students of the Department of English. Besides that, students of the Department, Ms. Sruthi, Ms. Gayatri, Ms. Vishakha, Ms. Gunjan, Mr. Jogeshwer performed Bharatnatyam, Mohiniattam, Contemporary dances

and Western dances , respectively and Ms. Nikita performed solo song as a part of showcasing of in-house talent. Ms. Sanya Aggarwal, Mr. Phanibhusan assisted in photographic coverage of the two day function.

Melange, the Annual Inter college Management festival, was organised on 24th January, 2017. It comprised of seven events namely Debate, Mock Stock Competition, Business Quiz, Plannovate (B-Plan Competition), Treasure Hunt and Entertainment Quiz and Cliq- the Photography Competition conducted online. The events received participation from institutes like St. Stephens College, Hindu College, Hansraj College, SSCBS, KeshavMahavidyalaya, Asoka University, NLU Jodhpur, PUSA Institute of Technology, Maharaja Surajmal Institute among many others. The event proved to be a success and inculcated among the students values like time management, teamwork and decision making.

During January 20-21, 2017, more than 200 students from different colleges of University of Delhi, participated in the Annual Techfest‘Urjasva’17’. It was an event with a plethora of technical events like Sweep The Wire-Circuit making event, Tech-O-Mania-Technical quiz, Robo Race- Rover Race, Tech-Trove- Project Presentation as well as fun filled activities and competitions.

The Training and Career Cell of the college conducted multiple placement drives in the first cycle of the placement season 2016-17. It hosted Vistara Airlines, Secure Now, Axis Risk Consulting Services and S&P Capital IQ.

➤ **Exhibition:**

A free of cost workshop and exhibition by Navkala Creation on 14-16th September 2106 was organized. The workshop was well received by the art loving students of DDUC.

On the occasion of National Science Day on February 28, 2017, a Project Exhibition was put up. The exhibition showcased the innovative and real time projects of our students like security alarm, flame detectors, soil moisture mobile alert, Bluetooth and IR controlled lights, automatic hand dryer, lamp-lighting using magnetic sensors and so on. Audience also witnessed a Firebird-V Parade.

On 30th March, Assam and Sikkim Emporium (The state units) put up an exhibition of Handicrafts and Handloom products from these states e.g. Mekhla chadar, Muga Silk Sarees and handloom products of Assam. The exhibition was a big hit amongst the students, faculty members and non-teaching staff.

The mesmerizing and eye-catching exhibition of paintings and sketches was organised by Fine-arts members of the college.

The students showcased their photography talent through the exhibitions put up during annual cultural festival of the college Kalrav’ 17.

5.12 No. of social initiatives undertaken by the students

| |
|----|
| 11 |
|----|

(Details of social activities are mentioned in section 3.26)

5.13 Major grievances of students (if any) redressed: _____

CRITERION – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

Without a struggle, there can be no progress
Frederick Douglass

“Institutions are built by humans and not by the buildings”. We started with this spirit in the year 1990 in a school building at Karampura, Moti Nagar and in the session 2015-16, we celebrated the Silver Jubilee of our College with events spread over the year.

Our college is the first College of University of Delhi to go for NAAC accreditation and it speaks of our commitment to quality education. The intake of the college is 708 students per year for various courses. The well equipped laboratories and infrastructural facilities are an integral part of the excellent academic environment. All these years we had felt the dire need of a campus which has proper facilities as per expected standards of a college. This dream has become a reality now with the completion of our new College campus at Dawrka.

We begin the new session of 2016-17 at our new campus at Dwarka. The campus has been planned as per international standards with focus on national/international collaborations. This building has most of the features of a green building like - water harvesting, water recycling, solar electricity, to name a few. The building has been so designed as to allow maximum light and air to come in naturally. It has a separate office for each faculty member, residential facility for about 10% students (separate for boys & girls), an auditorium, indoor sports facilities, gymnasium, large spacious laboratories and lecture halls, library, computer centre. None the least it has full power back up and a large part of it is being centrally air conditioned. We have moved a step ahead in our endeavours to earn excellence in the dynamic global academic scenario.

Mission

- To create confident, dedicated honest and upright individuals who become an asset to the society.
- We provide space to the students to freely express and develop views that help them respond to changes in the society.
- We recognize the challenges of an interdependent and competitive world and the need for our students to adapt and excel in it.
- To develop professionals who are committed to their personal & professional endeavours and who have the vision, courage and dedication to initiate and manage change.

6.2 Does the Institution has a management Information System

Yes, the institution has college management system which takes care of admission, Internal Assessment, Examination of students, accounts and salary, Human Resource as independent modules. The college is in the process of their integration to create a proper ERP solution.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The syllabus is revised and major restructuring is done at the University/UGC Level periodically. The college follows the guidelines as set by University.

Relevant and innovative suggestions for proper implementation takes place at staff council and departmental meeting following which a General Curricular Framework is designed for the college. Necessary steps are taken to ensure that the norms and guidelines recommended by the UGC/University are adhered to.

6.3.2 Teaching and Learning

Massive Online Open Course (MOOC) : Dr. S.K. Garg, Principal of the college was coordinator for a MOOC on Environmental Chemistry for Post Graduate students of the country under e-PG Pathshala programme of the UGC-MHRD. This 35 module programme will be uploaded on the “SWAYAM” portal and available to the learners from August, 2017.

6.3.3 Examination and Evaluation

The college ensure that the schedule of Internal Assessment, Practical Examinations and final examinations is communicated to students in advance through Academic Calendar to ensure enough time for preparation.

Continuous evaluation is carried out throughout the semester via test, projects, presentations, assignments, quiz etc. The end semester examination question paper is set by University of Delhi. The practical examination is conducted with internal and external examiners appointed by the superintendent examination.

6.3.4 Research and Development

| S. No. | Nature | Project Title. | Project Investigator |
|--------|--|---|--------------------------|
| 01 | Science & Engineering Research Board (SERB), Department of Science & Technology, Government of India, under Extra Mural Research Funding (Individual Centric) Rs. 44,07480/- (forty four lakhs seven thousand four hundred & eighty only) 2016 -Three years. | The Study of Atomic Processes for Multi-charged Ions for Plasma Diagnostics | Dr. Avnindra Kumar Singh |
| 02 | UGC Start Up Grant 2016/Major project 2017 (10 lakhs) - One year | Metabolic engineering of taxol to enhance its anti-cancerous efficacy | Dr. Varnika Bhatia |
| 03 | ICSSR /Major– (7lakhs) 2016- Two years | Murder on Highway as a Result of Rash Driving, an Unraveled Study of Urban and Rural India | Dr.Sangeeta Mohan |
| 04 | Delhi University completed in Oct' 16/Minor (5 lakhs) | Exploring solar energy and its energy: Fabrication of day to day utility appliances/Devices | Ms. Sonal Singh |

Research Guidance

Some of the faculty members are actively involved in research guidance to post-graduate students. Three students have been awarded the Ph D degree under their guidance.

Under the supervision of **Dr. Arpita Sharma** two students (Ms Samiksha Goel, Ms Charu Agarwal) were awarded Ph.D degree by Delhi University.

Under the supervision of **Dr Hem Chand Jain** one student (Ms Punam Sachdeva) submitted her Ph.D Thesis in Singhania University.

Mr. Veer Singh, student under the supervision of **Dr. Mahaveer** has been awarded a Ph.D degree by JIT University.

Under the guidance of **Dr Manoj Saxena**, Prabhleen Singh (JIIT,Noida) and Ayush Kumar (NIT, Hamirpur) did Summer Research Projects Sponsored by IAS, NASI, & INSA during June-August 2016.

Under the supervision of **Dr. R.M. Bharadwaj** one student submitted his Ph.D Thesis in University of Delhi.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The Library has tremendously increased in terms of space. It is spread over three floors, covering a total area of 2550 sq. meter with centralized air conditioning.

Dedicated reading spaces have been created for students and faculty with a total seating capacity of 300+ persons. The entire collection of the library has been organized into separate area namely Stack Area, Reference Collection and Text-Book Consultation to facilitate easy retrieval and efficient rendering of services. A separate section has been created for the use of audio-visual aids and to facilitate visually challenged persons through the use of scanner and screen reading software.

The operation of the library is managed through a client server architecture with fibre optic backbone comprising of multiple switches with around 30 nodes.

ICT:

The entire college has state of the art ICT infrastructure with fibre optic backbone scalable to 10G speed. The college is part of NKN Network with 100 Mbps VPN Connectivity. The network comprised of Core switch, multiple Distribution and Edge switches with around 1400 nodes. The entire campus including the hostel is being provided with seamless Wi-Fi Access with the help of around 100 Access Points.

Physical Infrastructure:

The College has 47 Classroom and Lecture Theatre all fitted with Audio Visual Aids. Besides this the Campus also has fully furnished Auditorium, 02 Seminar Halls, dedicated Computer Centre, 25 laboratories including research labs, research Centre, 3 floor Library, 200 seated hostel, individual cubicles to each faculty members, fitness centre and indoor facility for games viz. Squash, Badminton.

6.3.6 Human Resource Management

The college has **Grievance Redressal Committee for non-teaching employees** of the college. College also has internal complaint committee (ICC) formulated as per direction of the Govt. of India.

College has **Grievance Committee for redressal of grievances related to under-graduate admission**. All faculty members of the college are actively involved in different committee/societies of the staff council.

6.3.7 Faculty and Staff recruitment

Appointments were made against remaining vacant positions with faculty members on Adhoc basis as per UGC norms. Supporting staff members were appointed on contractual basis.

6.3.8 Industry Interaction / Collaboration

On March 09, 2017 One Day Industry-Institute workshop was jointly organized by the committee and EIGEN Technologies Pvt Ltd on SENSEnuts. Attended by over 50 students, it covered application of Radio Module, USB Gateway Module; Ethernet Gateway Module; GAP Sensor Module; HTP Sensor Module; CO /CO2 Sensor Module and SENSEnuts ToolChain which provides the user with all the software support required for developing TM applications on/for SENSEnuts WSN Platform viewing live data and analysis.

Lecture cum interactive session on **Entrepreneurial Opportunities for Women in India** by Ms. Shashi Singh (Chairperson, Consortium of Women Entrepreneurs in India) was held on 24th August 2016.

An **educational trip to “Danone Yakult Ltd** was organized to let the students understand the manufacturing, marketing, supply and other details of the probiotic product on 20th September 2016.

The Annual Inter School Management Fiesta, Orizzonte’ 16 was held on 7th October 2016 with a participation of more than 600 students from 50 schools of Delhi and NCR. Prof. Suresh Aggarwal, Dean, Faculty of Applied Social Sciences, University of Delhi was the Chief Guest.

One day **National Conference on “Emerging Issues in Marketing and HR in Current Corporate Scenario”** was held on 8th November, 2016.

The **7th Edition of the Annual Business Convention Ecclesia’17** was organized on February 10, 2017 at the Hotel Ashok, New Delhi. The convention revolved around the theme: India’s Edge over the World. The Chief Guest was the Hon’ble Minister for Human Resource Development of India, Sh. Prakash Javadekar. The event was further glorified by the presence of the Vice Chancellor of Delhi University, Prof. Yogesh K. Tyagi and the Dean of FMS, Prof. M.L. Singla. The aim of the convention is to mitigate the gap between students and professionals from corporate world.

Ecclesia, hosted Mr. K.L. Rao, Director at EY, Mrs. Surekha Chugh, VP at Genpact, Mr. Paresh Gupta, Founder of My CareerArchitects, Mrs. Mahua Chakrabarty, CHRO at Semac Consultants and Mr. Ashok Maheshwary, VP at GMR, for an enriching speaker session which was moderated by the Dean, FASSH, DU, Prof. V.K. Kaul.

A panel discussion on entrepreneurship with budding entrepreneurs as panelists was organised. Mr. Atul Bansal, President – Finance at M3M, Mr. Amit Munjal, CEO of Doctor Insta, Mr. Prabhakar Tiwari, Founder of The Margdarshak, Mr. Divij Goyal, Founder of Shoppist, Mr. Narender Kumar, Co-Founder, Trupay and Mr. Karan Saharan, Founder of Done Thing were the panellists and they talked about their journey as entrepreneurs and about their future plans.

Blue Print, the flagship event of **Entrepreneurship Development Cell** designed to foster the spirit of entrepreneurship in young students was held on 9th February, 2017. The teams from premier institutions set their business ideas to work & formulate innovative viable B-Plans. An extremely diverse and experienced set of judges comprising of Mr. Divij Goyal: CEO, Shoppist, Mr. Pranay Kumar, Business Head, Corporate Advisory Division, Mott MacDonald and Mr. Ramesh Prasad, Co-founder, Digital Paanda selected the top teams after duly scrutinizing the feasibility of their Business Plans.

A National conference on **“Managing Indian Economy: Challenges for Future”** was held on 11th February 2017. The conference received response in terms of research papers from all over the country. Various eminent presenters graced the occasion with their presence.

Social Responsibility Cell (SRC) organised **Social Internship conclave** on 30th September 2016 where students got a chance to interact with Mr. OnkarNath, Director General, Comptroller & Auditor General of India, (Southern Region).

The Training and Career Cell of the Department conducted 4 placement drives in the first cycle of the placement season 2016-17. It hosted Vistara Airlines, Secure Now, Axis Risk Consulting Services and S&P Capital IQ. TCC was able to get job and **internship opportunities from more than 15 companies like Towers Watson, Grant Thornton, Doctor Insta and B9 Beverages.**

A total of 17 students till now have received at least one offer letter from Secure Now, S&P Capital IQ, and Axis Risk Consulting Services.

6.3.9 Admission of Students

Admission of students for academic year 2016-17 was carried out as per university guidelines against the approved intake.

6.4 Welfare schemes for

| Type of Welfare Scheme | Details | Number |
|------------------------|---|--------|
| Teaching | Delhi University Teacher's Welfare Fund | 01 |
| Non-teaching | Non-teaching Welfare Fund | 01 |
| Students | -Student Aid Fund -SC/ST Fee Concession -Fee Concession | 03 |

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|------------|----------|----------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | | Yes | Principal |
| Administrative | Yes | ELFA Audit | Yes | Statutory Auditor CA |

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

As the college is a constituent college of University of Delhi therefore, examination reforms are not within the domain of the college

6.10 What efforts are made by the University to promote autonomy in the affiliated/ constituent colleges?

This issue falls under the domain of the University of Delhi about which the college do not have any information.

6.11 Activities and support from the Alumni Association

Since the college is only 25 years old, the alumnus is in its infancy stage. As of now they are not in position to provide financial support. However, the alumni are helping the college in career counselling and placement related issues.

6.12 Activities and support from the Parent – Teacher Association

IQAC has done interaction with Parents at the time of admission.

6.13 Development programmes for support staff

Eleven development programmes have been attended by the Fourteen Nos. of supporting staff of the college.

6.14 Initiatives taken by the institution to make the campus eco-friendly

We begin the new session of 2016-17 at our new campus at Dwarka. The campus has been planned as per international standards with focus on national/international collaborations. This building has most of the features of a green building like –

Water Harvesting
Water Recycling
Solar Electricity

Further College is participating in Swachh Bharat Abhiyan. Tree Plantation Drive is undertaken by the Eco-club.

CRITERION – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

This year the college established a foreign language center. It started a new Add on certificate course in French language. The course is offered by the Department of Germanic and Romance Studies, University of Delhi. A total of 26 students enrolled in the first batch.

ECPDT, “Effective Communication and Personality Development through Theatre”

Add on course, Effective Communication and Personality Development through Theatre (ECPDT) was successfully completed this year too. 36 students from various universities and institutes across Delhi registered for the program which began on Saturday, the 17th of September 2016. The 100-hour course was conducted on weekends and during holidays. The course culminated with a stunning showcasing of the workshop activities, on-the-spot performances and improvisations on 22-10-2016.

The course is inspired by, and seeks to implement UNICEF and WHO’s internationally recognized vision of life skills based education. Life skills have been defined by the World Health Organization as, “the abilities for adaptive and positive behaviour that enable individuals to deal effectively with the demands and challenges of everyday life.’ UNICEF defines life-skills-based education as basically being focused on triggering a behaviour change or behaviour development designed to address a balance of three areas: knowledge, attitude and skills. This Add on course, during the last decade, has become one of the most significant events in the college calendar and has contributed immensely to the professional, personal and academic development of the participants.

To sensitize the students about physically and mentally challenged people, NSS volunteers prepared and performed a street play called '*Bas ab aur nahi*' on 30th September, 2016.

To give a live platform to the creative expression of students, a wall magazine was set up on 22nd September, 2016 where students display their writings, sketches and paintings on regular basis.

A Quiz was organized after the workshop to test the information that the students were able to grasp throughout the workshop. Further, a Robo-Race was organized with the robots assembled during the workshop and prizes were given to winners of the race.

Two- Day Inter college workshop on “Make your Own Bot” was conducted by in house faculty during 9th -10th March 2017. More than 25 students attended the workshop.

Kalamkaar, Literary Society organised Annual Kalamkaar Literature Festival (KLF) on 3rd February, 2017 and National level Kalamkaar Kavi Sammelan on 2nd march, 2017. It provided a platform to students to interact with literary persons and poets of National and International repute.

The annual stage production “Sikandar ki Jeet”, was staged on 4th and 5th November, 2016 in the auditorium. The play was a historical drama on Alexander’s invasion of India and his quest for ultimate victory. It underlined the idea of ‘mann jeet, jag jeet’ in the time of cut-throat competition and war-like situation.

“How to invest in Stock Market”, a one day workshop was conducted by Mr. Siddhant Goel, CEO of Finlife, New Delhi on November 10, 2016. During the workshop students were acquainted with the stock market fundamentals and online trading.

A free health checkup camp for female students of the college was organized on 11th January

NSS volunteers after being trained, by Chief Election Officer, Delhi in collaboration with Ministry of Social Justice, **worked to facilitate disabled voters** cast their votes in the by election (Rajouri Garden), on 9th April, 2017.

Gandhi Study Circle celebrated International Yoga day on June 21, 2016. The Yoga Expert, Dr. Priyanka Saraf gave demonstrations of the postures called “Yog-asanas” to students, teaching and non-teaching staff of the college.

Three days Hands-on workshop on “Android Based Mobile Applications” with 34 participants was conducted on March 23-25, 2017. Technical sessions were conducted on “GSM, CDMA, 3G & 4G and Android Platforms” followed by lab sessions on “GSM & CDMA based mobile phones and Android based application development”.

The DDUC ACM student chapter organized a four day coding competition in C++ as DDUC-ACM Coding League on October, 24-27, 2016. The DDUC ACM student chapter organized an event, “Blind Coding” on January 30, 2017. It was a coding competition without looking at the monitor screens, create the code in your mind and run your fingers on keyboard.

The society in collaboration with IQAC organized **One-Day Workshop on “An Industry-Orientation for Computer Science Under-Graduate Students”** on February, 4 2017. The workshop comprised of two sessions. The first session was on “Development of Mobile Apps using DRF and AngularJS” by Mr. VikasKundra, (Senior Software Engineer), Josh Labs. The second session was about User Experience (UX) Design Approach by Mr. Abhinav Yadav, (Senior Interaction Designer) IT Industry: Design for Use Consulting Pvt Ltd, it is a user oriented approach to design a software project. The workshop was attended by 40 students approx.

On 8th November, 2016, the members planned a **SMILE event as part of social responsibility**. The Society executives collected the donation from its members and organized a children's day celebration in “Handicap Children Rehabilitation Association (HCRA) PashchimVihar, Delhi, which is run by an NGO for Handicapped children. A kids' talent showcase round was scheduled. In this the kids danced, told stories, and presented their crafted items.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

1. Academic Calendar prepared (Annexure-II)
2. Report of different activities of Departments organised as per academic calendar (Annexure-II/III/IV/V/VI)

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

We continued our work with the children from slums and JJ colonies this year too. Our volunteers helped children in their studies at (1) center run by an NGO called Ran Bhoomi Foundation at JJ colony Sector 16 B, Dwarka and (2) center in Ramesh Nagar run by Reach Out and Pass it On (ROPIO).

NSS volunteers got enrolled with the University NSS as SVEEP (Systematic Voters' education and Participation Campaign) ambassadors, and as part of Youth Electoral Campaign on 20th Oct.2016.

A blood donation camp was organized with Aahuti Welfare and Indian Red Cross on 4th Nov. Around 120 students came forward for blood donation and 68 units of blood was collected.

A free health checkup camp for female students of the college was organized with Aahuti on 11th January, 2017.

Three cartons of winter clothes were collected by NSS volunteers and distributed amongst the needy together with Deen Dayal Lok Foundation.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

To stop the degradation of the planet's natural environment and build a future in which humans live in harmony with nature, **Enactus DDUC focused on environmental sustainability through campaigning "mitticool", an eco-friendly refrigerator.** The promotional and awareness drive was conducted in CP and Khan Market in Delhi. Few NGOs like Youth for Sewa, WWF were also partners in the campaign.

The Eco-Club observed International Day for the Preservation of the Ozone Layer September 16, 2016. An audio-visual presentation on the current scenario and future prospects of Ozone layer conservation was organized in which students across the courses participated. Various events and competitions were held like poster making, waste-o-mania, **debate on "environmental issues in Delhi-NCR: Causes and solution"**, environmental quiz and environmental photography in which students from different courses participated actively.

An **awareness campaign** to promote **Green and pollution free Diwali** was organised on October 26, 2016 in college premises and nearby localities.

An excursion of students from various courses was taken to Naldeshwar (Alwar, Rajasthan), Sariska National Park and Tiger Reserve (Alwar, Rajasthan) and Keoladev Ghana National Park (erstwhile Bharatpur Bird Sanctuary, Rajasthan) from February 24 to February 26, 2017.

7.5 Whether environmental audit was conducted? Yes - No ✓

7.6 Any other relevant information the institution wishes to add. (for example SWOC Analysis)

STRENGTHS, WEAKNESSES, OPPORTUNITIES AND CHALLENGES **(SWOC) ANALYSIS**

Strengths

1. The college is shifted to its new campus in Dwarka having state of the art facilities and spaces for which we always aspire for like:
 - ✓ The campus is multistory with basement and seven floors.
 - ✓ The building has many features of green building and already has a rain water harvesting system and a water recycling plant installed.
 - ✓ The roof tops are to be used for generation of solar power. We are planning to install waste treatment plant for addressing the issue of bio-waste disposal.
 - ✓ The campus provides a secure environment through electronic surveillance.
 - Parking in basement and on the surface.
 - Hostel for boys as well as girls
 - Common rooms for boys and girls
 - Both the hostels have fully air conditioned Mess area.
 - Auditorium of a capacity of 400 people with modern audio visual equipment.
 - Medical Room
 - Fully Air conditioned cafeteria
 - Guest House
 - Gymnasium
 - AC environment in classrooms, laboratories, library etc. for better efficiency
 - Power back up of 1000 KW

SWOC ANALYSIS

Strengths

2. The college has got the following Ranking by various agencies :
 - Ranking by NIRF : College has got 9th Rank in All India in category of colleges by NIRF , Ministry of Human Resource Development
 - Ranking by Nielson India Today : 9th Rank in Delhi and 35 in All India as Science College
 - Vishvakarma Award to our new campus in Dwarka by Construction Industry Development Council (CIDC)
3. As college offers various courses in prominent areas of study like Sciences, Commerce and management and Humanities at undergraduate level, the students and faculty really gets benefitted specially in undertaking multidisciplinary research, sponsored projects, and conducting workshops, seminars etc. which requires expertise in more than one field of study.
4. The college has a well dedicated faculty who is continuously involved in undertaking research projects and innovations in teaching funded by many external agencies as well.
5. Their commitment to research is well reflected in continuous increase in number of publications both books as well as research papers/Articles in National and International journals.
6. The college has been able to integrate the latest technology in upgrading the teaching learning environment. The campus is Wi-Fi enabled and ICT facility is provided in Library as well as in academics and administration block.
7. The college gives great importance to all round development of the students by striking a balance between academic and extra-curricular activities. For comprehensive development of the students various workshops, Quizzes, group discussions, debates, poetry writing competition, mock stock competition and panel discussions are organized with a special focus on music, dance, dramatics and personality development programs.

Weaknesses:

1. Despite the college offering most of the traditional courses, the college is still constrained to offer post graduate courses which help in bridging the gap between undergraduate teaching and Research.
2. We are understaffed (teaching and non- teaching) especially after increase in intake of students.
3. As there in absence of open area for sports activities like a playground we have to compromise in those games which need this facility like cricket, hockey, badminton etc.

SWOC ANALYSIS

Opportunities

1. The college has a provision of girls and boys hostels which we are going to make operational from next academic session. Hostels will attract talent from all over the country and thus provide more competitive environment in the college.
2. In a quest to create better sports facilities in our campus we have got world class infrastructure for various indoor games like indoor squash and badminton court, carom board and table tennis.

Challenges

1. It's not easy to maintain a campus as huge as ours. On one hand it provides us ample opportunities for improvement and further expansion on the other hand it needs regular maintenance which in itself is herculean task. Lot of manpower and expertise is required for which at times we feel constrained.
2. In the absence of open playground for sports, it's a challenge to create and maintain the efforts and interest of our students in various sports activities. We need to work on to develop more teams in indoor sports activities for which we have created state of art facilities.
3. There is a need to re orient our courses and curricula to ensure Skill Development and thus better employability.
4. The rate at which new systems in undergraduate courses is introduced in last few years in higher education like semester, four year FYUP and now CBCS, it is very difficult to run various schemes simultaneously which differ in syllabus, promotion rules and assessment system etc.

8. Plans of institution for next year

To strengthen mentoring and feed back system of the students IQAC to undertake internal academic audit.

The college has applied for DBT Star.

A Separate section shall be created in the college library for the literature on Pt. Deen Dayal Upadhyaya.

The college is planning to adopt slums.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

ABBREVIATIONS:

| | | |
|----------|---|---|
| CAS | - | Career Advanced Scheme |
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |
| UPSC CDS | - | Union Public Service Commission Combined Defence Services |
| AFCAT | - | Air Force Common Admission Test |
| BMAT | - | Bio-Medical Admission Test |
| CMA | - | Certified Medical Assistant |
| JAM | - | Joint Admission Test for MSc. Admission |
| CET | - | Common Entrance Test |
| IPCC | - | Integrated Professional Competence Course |
| SST | - | Service Selection Board |
| GRE | - | Graduate Record Exam |
| TOELF | - | Test of English as a Foreign Language |

ACADEMIC CALENDER

July 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|----------------------------|-----|-----|--|---|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| SUMMER VACATION | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 <i>Inaugural Function of new campus of college</i> | 21 <i>Orientation Programme for freshers</i> | 22 | 23 |
| 24 <i>Classes Begin</i> | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

August 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|--|--|---|---|---------------------------|-----|
| | 1 | 2 | 3 | 4 Inauguration of new faculty room of English Deptt. (Zest Society) | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 Inaugural Function NSS | 13 |
| 14 | 15 | 16 Orientation Programme for Students of English Deptt. (Zest Society) | 17 | 18 | 19 | 20 |
| 21 | 22 Workshop on "Creative Entrepreneurial Thinking" (Community Society) | 23 | 24 Seminar on "Digital Marketing" (Community Society) | 25 | 26 | 27 |
| 28 | 29 IT Quiz "Fiesta" (DEEC ACM Student Chapter) Zest Society | 30 | 31 | | | |

September 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|---|--|--|---|---|--|
| | | | | 1 | 2 Inaugural intra-college fresher's quiz (Sangyaan Society) | 3 |
| 4 | 5 Teacher's Day celebration (Covalence Society) | 6 Annual Orientation Programme – Spic Macay (Kalamkar Society) | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 Inaugural Lecture on "Applications of Calculus" Mathematical Society 2. Hindi Poetry on Hindi Divas (Kalamkar Society) | 15 | 16 Observance of International day for the preservation of Ozone Layer (Eco-Club) | 17 Beginning of ECPDT (Zest Society) |
| 18 | 19 | 20 Educational Trip to "Dorcon Yakkat Ltd." (Spectro Society) | 21 | 22 "A wall magazine" (Kalamkar Society) | 23 Mock Sweden Memorial Quiz (Sangyaan Society) | 24 Hindi Divas Celebration (Abhoryakt Society) |
| 25 | 26 Conventional Debate Competition (Voices Society) > Orientation Programme (Women Development Cell) | 27 | 28 | 29 | 30 A street play "Bas ab our nahi" NSS Club > A lecture on "Biodiversity under present scenario" | |

October 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---------------------------|---|--|---|--------------------------|---|--|
| | | | | | | <i>1 Year beginning party for 1st Year students (Zest Society)</i> |
| <i>2</i> | <i>3</i> | <i>4</i> | <i>5 An induction programme on "Personality Development"</i> | <i>6 Founder's Day</i> | <i>7 An industrial visit to "APTRON" CS Students > Workshop on "VHDL Prog. & Digital circuit Designing" Sibzam Society</i> | <i>8</i> |
| <i>9</i> | <i>10</i> | <i>11</i> | <i>12</i> | <i>13</i> | <i>14</i> | <i>15</i> |
| <i>MID-SEMESTER BREAK</i> | | | | | | |
| <i>16</i> | <i>17 Classes begin</i> | <i>18 A lecture on "Man in the mirror" (Sangraha-CS Society)</i> | <i>19</i> | <i>20 Zest Film Club</i> | <i>21 Technical event: Code sprint (Sangraha-CS Society)</i> | <i>22 7th MUN (21st & 22nd Oct.)</i> |
| <i>23</i> | <i>24 Robotics club workshop > coding competition in C++</i> | <i>25</i> | <i>26 intercollege quiz (sangraha society)/ intercollege fest/ Awareness camp to promote green dhwa</i> | <i>27</i> | <i>28</i> | <i>29</i> |
| <i>30</i> | <i>31</i> | | | | | |

November 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|---|---|--|---|-----|--|
| | | 1 | 2 <i>Lecture on "Rethinking sexual violence & women's movement" (Women Development Cell)</i> | 3 | 4 | 5 |
| 6 | 7 <i>Mock Stock competition (FinS-Finance Club)</i> | 8 <i>Social Event "SMILE"</i> > <i>Conference on "Emerging issues in marketing & HR in current corp. scenario"</i> | 9 | 10 <i>Workshop on "How to invest in stock market" (FinS-Finance club)</i> | 11 | 12 <i>Dispersal of classes & practical exams begin</i> |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 <i>Theory Exams begin</i> | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |

December 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---------------------|-------------------------------------|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 <i>Workshop on Firebird-V</i> | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| <i>WINTER BREAK</i> | | | | | | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| <i>WINTER BREAK</i> | | | | | | |

January 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|------------------------------|--|--|---------------------------|--|-----|--|
| 1 <i>WINTER BREAK</i> | 2 <i>Classes Begin.</i> | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 <i>NSS Students helped in setting up college library from 9th to 22nd January, free health check up camp (NSS Club)</i> | 10 | 11 | 12 <i>Workshop on "Make your own Bot"</i> | 13 | 14 <i>Seminar on "E-filing of Returns" Society Community</i> |
| 15 | 16 | 17 | 18 | 19 <i>Querencia (Vyaktitva- Personality Development)</i> | 20 | 21 <i>Workshop on "HR Analytics" (Optizone society) > Annual Electronics Techfest "Urjasva '17" (20th-21st January)</i> |
| 22 | 23 <i>Anniversary Celebration of Kalamkar (NSS Festival)</i> | 24 <i>Annual inter-college Mangement fest "Melange" (Spectro Society)</i> | 25 <i>NSS Festival</i> | 26 | 27 | 28 |
| 29 | 30 <i>"Blind Coding" Sangunika: (Comp. Sc. Society)</i> | 31 <i>Inter-college poster making competition (Women Development Cell)</i> | | | | |

February 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|--|---|---|--|
| | | | 1 | 2 | 3 <i>Annuzi Kalamkar Literature Festival</i> | 4 <i>Workshop on "An industry orientation for computer science UG students"</i> <i>(Sangraka Society)</i> |
| 5 | 6 | 7 | 8 <i>Inaugural Lect On "current chal- lenges in science and society opportunitys for young students"</i> <i>(Covalesce Society)</i> | 9 <i>Seminar on "Capital Market"</i> <i>(Community Society)</i> <i>>Blue print, the plat- form event of Entrepre- neurship Development (Spectro Society)</i> | 10 <i>Annual Business convention Ecclesia 2017</i> <i>(Spectro Society)</i> | 11 <i>National conference on "Managing Indian Economy: challenges for future"</i> <i>(Spectro Society)</i> |
| 12 | 13 | 14 | 15 <i>Subject lecture on Microbiology: Then and now</i> <i>(Synapses Society)</i> | 16 <i>A poster making competition on "Real world Application of curriculum-based Experiment</i> | 17 <i>Tech-marathon (Comp. Sc. Festival)</i> <i>Escitiva (Commerce Festival)</i> <i>Annual Festival: Mridang (Abhivyakta Society)</i> | 18 |
| 19 <i>A visit to Greelam Industry (Covalesce Society)</i> | 20 <i>A lecture on "Discovery of New Lipidless Amphibian: Chakiltiae (Synapses-Society)</i> | 21 | 22 | 23 | 24 | 25 <i>An excursion to Naldeshwar, Sariska Nation- al Park and Tiger Reserve and Keoladev Ghana National Park</i> <i>(24th - 26th February)</i> |
| 26 | 27 <i>Inter-college annual chemical fest: "Rasayanaisava- 2017"</i> | 28 <i>Technical Lec- ture on "Satellite communication Trends" (Science Foundation/ Project Exhibition (Robotics club)</i> | | | | |

March 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|--|--|---|---|--|---|--|
| | | | 1 Kalamkar Kavi Sammelan KALRAV'17 | 2 Kalamkar Kavi Sammelan KALRAV'17 | 3 Kalamkar Kavi Sammelan KALRAV'17 | 4 Kalamkar Kavi Sammelan KALRAV'17 Inter-college film making competition "Film Mania" (Yuvamika Society) |
| 5 | 6 Workshop on IOT (Songanka) Technical talk on "Recent technology advances in photovoltaic" (Sikizum Society) | 7 One day lecture-cum-hands on workshop on "Regulation of Lac operon in prokaryotes" (Science Foundation) | 8 Annual fest Mathrix-2017 (Harish Chandra Society) | 9 Workshop on "Make your own Bot" (Science Foundation) Inter-college Annual Fest "Zoofest'17" (Synapses Society) | 10 Workshop on "make your own Bot" (Robotics Club) | 11 |
| 12 | 13 Mid-Sem Break (13th-19th March) | 14 | 15 Day long Excursion at Mahratt Archeological park (Zest Society) | 16 A trip to Mkleodganj and dharamshala (Community Society) 16th-20th March | 17 Annual inter-college parliament Debate (Voice Society) 17th-19th March | 18 A trip to Mkleodganj and dharamshala (Community Society) 16th-20th March |
| 19 A trip to Mkleodganj and dharamshala (Community Society) 16th-20th March Class begin w.e.f. 20th March | 20 | 21 A visit to an exhibition on "The life and work of Abdul Rahim Khan-i-khama at Indian Habitat Centre (Abhivyakti Society) | 22 Annual Literary festival "Who's afraid of ideas of March" (Zest Society) | 23 | 24 Workshop on "Android Based Mobile Applications (Sikizum Society) • Zest Theatre Production • Annual Fest Open Mic. Competition From 23rd-25th March | 25 |
| 26 | 27 Ek Bharat Shreshtha Bharat Programme: Sikkim and Assam states (Literary Event) Oasis lecture demonstration (Spic-Miscay) | 28 Workshop on "Getting started with Arduino" (Robotics Club) - Inter-college filler quiz (Sangyaan - quizzing Society) - India quiz (Bharat Bharti 2.0) (Sangyaan Society) | 29 Tourism, culture and natural resource day: Assam and sikkim - Linux Foundation Training - Workshop on "getting started with Arduino" / * | 30 A lect. on international trade (community society) National Symposium "Trends in Research and innovations in life sciences at UG level" (Synapses society) | 31 | * - A seminar and finance quiz on "career in finance by Actuation Careers" (FIS - Society) Relentless (Vyaktitra Society) |

April 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|--|---|--|---|---|--|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 <i>An interactive session with Ms. Saralosh Yadav, a recipient of Padam Shree Award</i> | 7 <i>"Tech-o-Hunt" (DDUC ACM Chapter)</i> | 8 <i>Annual convocation for third year students (Yuvanika Society)</i> |
| 9 <i>Three day academic cum pleasure trip to Jim Corbett National Park (Abhivyakti Society), From 6th-9th April</i> | 10 <i>A lecture on "Homo naladi, A newly discovered human ancestor" (Synapses society)</i> | 11 <i>Seminar on "Financial Analytics" (Optizone Society)</i> | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 <i>A bidding farewell general quiz (Sangyan Society)</i> | 22 |
| 23 | 24 | 25 | 26 <i>Dispersal of classes and practical</i> | 27 <i>Exams begin</i> | 28 | 29 <i>A talk on "Actuarial Science" (Optizone Society)</i> |
| 30 | | | | | | |

May 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|---------------------------------|-----|------------------------|-------------------------------------|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 <i>Theory Exams Begin</i> | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 <i>Staff Council Meeting</i> | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | SUMMER VACATION | | |

June 2017

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-------------------------|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| SUMMER VACATIONS | | | | | | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | |

PUBLICATION IN PEER REVIEWED JOURNALS: 69

| Sr.No. | Publication |
|--------|--|
| 1 | Nebhnani P., Bhatia K., Kamal T., Verma J., Gupta D., Jindal M., Dalal A., Suman P., Mahajan S., Yadav A. and Bhatia V. (2016). Taxol; An anti-cancer drug: Progress and future Challenges. In: Kapoor R.(ed.) . <i>The Botanica</i> 66: 144-152. Delhi University Botanical Society. University of Delhi (ISSN: 0045-2629) |
| 2 | Kumar S. and Ramesh B. (2016). Agro-morphological study on induced mutants and mutant hybrids in Lentil (<i>Lens culinaris</i> Medik.). <i>Jour. of Food Processing & Techn.</i> Vol 7(3) 1-6. doi:10.4172/2157-7110.1000560 [ISSN: 2157-7110] |
| 3 | Kumar P. and Gupta, N.C. (2016). Commuter exposure to inhalable, thoracic and alveolic particles in various transportation modes in Delhi, <i>Science of the Total Environment</i> , 541: 535-541. ISSN: 0048-9697 |
| 4 | Nerkar A D Business Analytics(BA): Core of Business Intelligence, <i>International Journal of Advanced Engineering, Management and Science(IJAEMS)</i> , 2, 2176, Impact Factor of the Journal: 3.661 |
| 5 | Nerkar A D Business Ethics: Tool for Sustainable Business <i>International Journal of Advanced Engineering, Management and Science(IJAEMS)</i> , 2, 2179, Impact Factor of the Journal: 3.661 |
| 6 | Nerkar A D , Demonitisation: Impact on Indian Economy <i>International Journal of Advanced Engineering, Research and Science(IJAERS)</i> , 3, 281. Impact Factor of the Journal: 4.192 |
| 7. | Nerkar A D , Artificial Intelligence-Impact on E-commerce I <i>International Journal of Management Research and Business Strategy</i> , 5, 209 Impact Factor of the Journal: 1 |
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CONFERENCE PROCEEDINGS: 8

| Sr.No. | PUBLICATIONS |
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| 1 | Bhardwaj R. M. ‘ <i>Punya, Vrata and Dāna</i> : Examining the Centrality of the Religious Institution of <i>Vratas</i> in the giving of Gifts and Issuance of Land Grants in North and Central India: 4 th -12 th Centuries A.D’ at the Ancient Indian Section at the 76 th Session of the Indian History Congress, University of Gaur Bang, Malda, 27-29 December, 2015, <i>Proceedings of the Indian History Congress (PHIC)</i> , Aligarh, 2016,,pp.94-100. |
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| 4. | Deepa Kamra – Conference Proceedings in book titled: - UGC Sponsored National Conference on International Trade and Finance, ISBN-978-93-85144-80-6, 2016, held at DDU College, New Delhi on February 22-23, 2016 |
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Details of Workshop/Seminar Organized

| No. of Workshop/ Seminar | Name of Workshop/Seminar |
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| 1 | Department of Zoology organized a one day lecture-cum-hands on Workshop on "Regulation of Lac Operon in Prokaryotes" on March 07, 2017. |
| 2 | On March 09, 2017 another One Day Industry-Institute workshop was jointly organized by the committee and EIGEN Technologies Pvt Ltd on SENSENuts |
| 1 | During March 29-30, 2017, Two days workshop on Linux Foundation Training was organized by the research committee |
| 1 | The activities of the club this year took off with One-day Workshop on UAV/Drone Training on 24th October 2016. |
| 1 | The Two days Firebird V workshop that was organised on 12 th -13 th December 2016. It was conducted by the in-house faculty members and Krishna Kumar Verma , a student of B.Sc.(Hons) Computer Science |
| 1 | Two-day workshop was conducted on 12 th -13 th January 2017 on 'Make Your Own Bot' for our students. |
| 1 | Two-day inter-college workshop titled Arduino – an Open-source electronic prototyping platform for designers and hobbyists attracted students from across the Delhi University Colleges. |
| 1 | Two- Day Inter college workshop on "Make your Own Bot" was conducted by in house faculty during 9 th -10th March 2017 |
| 1 | Three-day workshop on "Getting Started with Arduino" was conducted for our own students starting on 28th March 2017 |
| 3 | To facilitate students, the placement cell organized workshops, seminars and training session rounds by prominent organisations like Eptitude Case Study Contest, Times Pro Seminar, IMS Seminar |
| 1 | Yavnika organized a Summer Workshop conducted from 20th June 2016 to 25th July 2016 , in which the members explored and discussed texts by authors like Saadat Hasan Manto, Ismat Chughtai, G. Muktibodh and Bhishm Sahni. Using excerpts from these readings, the participants created a play titled "MAKE UP – MADE UP". |

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| 1 | “How to invest in Stock Market”, a one day workshop was conducted by Mr. Siddhant Goel, CEO of Finlife, New Delhi on November 10, 2016. |
| 2 | The incipient events of the society Querencia and Relentless were organized on January 19, 2017 and March 29, 2017 |
| 1 | Relentless’17 organised jointly in collaboration with Art of Living turned out to be an effective self-endearing and engaging event |
| 8 | During the session 2016-17, Eight photography workshops were being conducted by Mr. Hemant Uppal. Seven were indoor including one night photography class and one was outdoor workshop |
| 1 | Gender Sensitizing committee organized a workshop in the college for the students by inviting experts from Breakthrough (NGO) to enable them to understand the issue of Gender and to train them to conduct workshops for college students in the coming sessions on a continuous basis. |
| 1 | The Silizium Society commenced its programs by organizing one day workshop on “VHDL Programming and Digital Circuit Designing” on October 7, 2016 |
| 1 | Silizium organized a Three days Hands-on workshop on “Android Based Mobile Applications” with 34 participants was conducted by in house faculty members and external trainer from March 23-25, 2017. |
| 1 | A National symposium titled “Trends in Research and Innovations in Life Sciences at Undergraduate level” was organized on 30th March, 2016. |
| 1 | An interactive seminar was conducted on 29th February 2017 in collaboration with NSS. |
| 1 | ZEST organised an interactive two-day Gender Sensitization Workshop with Breakthrough for the students. The workshop aimed to educate the students about gender equality, the nuances of gender discrimination through patriarchy. |
| 5 | On 23rd, March 2017 five interactive workshops were held for the students of B.A (H) English and B.A Program followed by a showcasing on 24th March. The details of the workshops and showcasing are as follows: <ol style="list-style-type: none"> 1. Theatre Workshop -by the upcoming and popular Actor Mr. Sahil Vaid 2. Contemporary Dance Workshop -by Mr.Anish Popli 3. Art Appreciation Workshop - Art Curator, Ms. Lubna Sen 4. Radio Scripting Workshop by AIR producer Mr. Manoj Mainkar 5. Film Appreciation Workshop by Prof. Ms. Rupalee Verma |

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| 1 | One day National Conference on “Emerging Issues in Marketing and HR in Current Corporate Scenario” was held by the department on 8th November, 2016 in the college premises. |
| 1 | A national conference on “Managing Indian Economy: Challenges for Future” was held on 11th February 2017. The conference received response in terms of research papers from all over the country. |
| 1 | Department of Computer Science in collaboration with IQAC organized One-Day Workshop on “An Industry-Oriented for Computer Science Under-Graduate Students” on February, 4 2017. |
| 1 | A two-day workshop on the basics of IoT was conducted by Mr. Gaurav Gandhi, CEO and founder of mLabs, and his team of three members on 6-7 March, 2017. |
| 1 | A one day workshop on “HR Analytics” was organized on 21st January, 2017. Sixty six students registered for the workshop. |
| 1 | A seminar on “Financial Analytics” was organized by the Optizone-society on 11th April, 2017. |
| 1 | On August 22, 2016, a workshop entitled Creative Entrepreneurial Thinking was organized by the Entrepreneurship Cell of CommUnity in collaboration with IIT-Kanpur. |
| 1 | A seminar on ‘Digital Marketing’ in association with Delhi School of Internet Marketing was organized on August 24, 2016 to make the students aware of this new concept and to improve their skills and creating an entrepreneurial niche in digital era. |
| 1 | A one day seminar was organized on ‘E-filing of Returns’ in collaboration with the Indian Accounting Association, Delhi Chapter and IQAC of DDUC on January 14, 2017 for which Dr. V.K. Singhania, an eminent tax expert, was the resource person. |
| 1 | A seminar was conducted in association with BSE Institute Ltd. to give to the students an insight into the capital market viz., Mock-Stock on February 9, 2017. |
| 1 | The 7th Edition of the annual business convention Ecclesia’2017 was organized on February 10, 2017 at the Hotel Ashok, New Delhi. |

REPORT OF STUDENT SUPPORT ACTIVITIES

The students are encouraged to participate in different technical and other co-curricular events held on campus or anywhere else in the country. The students form teams and work on projects which creates excellent academic environment outside the class rooms. The Career Counseling and Placement Cell has been set up in the college to offer to the students an exposure to the range of openings and job possibilities.

Different societies and clubs involving many teachers and students are formed in the college to enhance academic, social and cultural progression of the students.

The Student Support activities in the college are categorized as below:

1. Academic Activities
2. Career counseling Activities
3. Extra-Curricular Activities

The details of above mentioned activities undertaken by various college societies and clubs are given below:

1. Academic Activities

(i) Science Foundation

The science foundation commenced its activities for the year 2016-17 with a Technical talk organized on April 04, 2016 titled "Silicon Nano devices: Interface Physics and Analysis Challenges". It was delivered by Dr. M. K. Radhakrishnan, Vice President of Regions and Chapters, IEEE Electron Devices Society and Director of NanoRel Technical Consultants Singapore. Science Foundation organized several lecture-cum-hands on workshops, Technical Lectures and hands-on-training sessions for the academic progression of the students.

(ii) Robotics Club

The activities of the club this year took off with One-day Workshop on UAV/Drone Training on 24th October 2016. Under the guidance of Drone expert, Mr. Varun Heta, the students assembled the Drone and made it operational. The highlight of the workshop was the pilot training given to the students on the simulator (virtual drone) so that they could have an experience to fly a Drone. Robotics club organized several workshops, project exhibitions, Quizzes and real time projects like security alarm, flame detectors, soil moisture mobile alert, Bluetooth and IR controlled lights, automatic hand dryer, lamp-lighting using magnetic sensors and so on.

2. Career Counselling Activities

(iii) Career Counseling and Placement Cell

Details of career counseling and placement cell are already mentioned in Criteria V (section 5.6).

(iv) Foreign Language Center

This year the college established a foreign language center. It started a new Add on certificate course in French language. The course is offered by the Department of Germanic and Romance Studies, University of Delhi. A total of 26 students enrolled in the first batch. The students participated in various activities in French Language and won prizes.

3. Extra-Curricular Activities

(i) Yavanika –The Theatre Society

Several workshops, performances, competitions, presentations and rehearsals marked the activities of the society during 2016-17.

The year began with a Summer Workshop conducted from 20th June 2016 to 25th July 2016, in which the members explored and discussed texts by authors like Saadat Hasan Manto, Ismat Chughtai, G. Muktibodh and Bhishm Sahni. Using excerpts from these readings, the participants created a play titled “MAKE UP – MADE UP”. The play raised issues like body shaming, linguistic chauvinism and void. This was also the welcoming performance by Yavanika for the freshers.

During 20th to 22nd September, the students participated in Udaan, an inter college nukkad natak competition and performed the street play “Teen Tigaada, Kaam Bigaada”, challenging superstitions. Based on their performances, five students were chosen for a special 5-day intense workshop in National School of Drama.

The annual stage production “Sikandar ki Jeet”, under the direction and guidance of Mr. Ravi Taneja was staged on fourth and fifth November in the new auditorium. The play was a historical drama on Alexander’s invasion of India and his quest for ultimate victory. It underlined the idea of ‘mann jeet, jag jeet’ in the time of cut-throat competition and war-like situation.

Another Stage performance ‘Cold Memories’ directed by Prabhash Chandra was given on 20th Jan.2017 which was a stage adaptation of “Revolutionary Road” (a 2008 American romantic movie directed by Sam Mendes).

On the occasion of Netaji Subash Jayanti on 23rd Jan.2017, Yavanika was invited to perform “Teen Tigaada, Kaam Bigaada”, in Bahadurgarh.

Yavanika participated in several college fests where its performances were immensely appreciated. At Chaos, IIM Ahmedabad’s annual festival held in Jan 2017, the Yavanika Team stood 2nd in both stage and street play competitions. Two members, Ms. Sakshi Garg and Mr. Sanyam Sharma were awarded the titles of Ms. and Mr. Chaos respectively.

On 4th March 2017, the society organized Film-Mania, an intercollege short film making competition as part of Kalrav, the annual cultural festival of the college. On 8th April 2017, the society organized its annual convocation function for the third year students.

(ii) Voices - The Debating Society

The activities of the society were initiated this year on September 26, 2016 with Conventional Debate Competition in collaboration with Oriental Bank of Commerce titled “People and not leaders are responsible for corruption in India”.

The society organized its second Annual Inter College 2-on-2 Parliamentary Debate with interrogation in Asian Parliamentary Format during March 17-19, 2017. The students from universities all over the country participated in it. It was a three days event which comprised 5 preliminary rounds with motions revolving around themes such as Education, Law, Politics, Feminism, International Relations etc.

The Core Judges for the tournament were legendary debaters of the circuit who had earlier won various prizes in the World University Debating Championship. All the teams competed for three days for the winners and runners up trophy showcasing brilliant debates while all the competitive adjudicators competed for the Best Judge and the Second Best Judge Prize.

The students not only participated and organized debates in house but brought the appreciations by winning Annual Debates of institutions affiliated to different Universities also.

(iii) Sangyaan - Quizzing Society

Sangyaan is a society for organizing and managing participation of students in various Quiz events all over the country. In its second year of existence, the society organized 10 quiz competitions on various themes in the college. On 2nd September, 2016, the society organized its inaugural intra-College fresher’s quiz to introduce Quizzing to students. More than fifty teams participated and six teams qualified for the finals.

A Mock Sweden Memorial Quiz was organized on September 23, 2016 by students for getting prepared for the Sweden Quiz organized by Swedish embassy every year.

An inter-college literature quiz was organised on 26 October, 2016 with a participation of more than 30 teams across university and colleges. Another general quiz (Jaipuria Quiz) consisting of aptitude and current affairs was organised the same day by Jaipuria Management Institute in our college premises.

India Quiz (Bharat Bharati 2.0), an inter college quiz was organised on 28 March, 2017. Over 40 teams from different Institutions/colleges like AIIMS, DTU, NSIT, Faculty of social science participated.

An inter college filler quiz was also organised on 28 March, 2017 with a participation of more than 25 teams. A bidding farewell general quiz for this session was organized on 21st April 2017 for our students.

Besides, the students of the society organized inter college quizzes based on specific themes/topics in annual fest of college subject societies like Tech quiz in Aaveg (physics department fest), Science quiz in Rasayanotsava (chemistry department fest), Botany quiz in botany fest, General Science quiz in zoology department fest and Eco Club quiz.

(iv) Raaga- The Dance Society

The choreography team actively participated in various Intracollege / Intercollege / Outstation cultural events and competitions throughout the year. The team won the following prizes this year:

- secured first position in Lakshmi Bai college Annual Fest .
- secured second position in the dance competition held at Maharaja Surajmal Institute of Technology
- secured 3rd position at Panipat Institute of Engineering and Technology
- invited for a performance at the cultural award ceremony of the Educom society of Aiwan-e-Ghalib college.

(v) Rhapsody (nee Rhythm)- The Music Society

In the year 2016-2017, the students participated actively in various Intracollege/Intercollege/ Inter University cultural events and competitions throughout the year such as Bits Pilani-Rajasthan, Chitkara University-Baddi, IIT-Roorkee, IIT-Delhi, LSR-Delhi, NSIT, Symbiosis, AIIMS, IHM-Faridabad and various other DU and NCR colleges.

Alankar - the band of music society (Tushar Bhatt, Shubham Sharma, Rohan Menon, Swaraj, Ashmeet, Nikita, Shubham Chawla, Nikhil and Rishu) got admirations for participating in various inter college music events. Some of them made teams with students of other colleges and won prizes in Battle of bands.

(vi) Kalamkaar - The Literary Society

The society aims to provide a platform for fostering the creative potential of expression amongst students. On 22nd August, 2016 a bilingual Poetry Writing competition was organized on the occasion of "Aazadi 70". The patriotic theme of the competition was 'Yaad Karo Kurbani'. The contestants turned up with some wonderful poems in celebration of the martyrs who built our nation.

The inaugural Lecture by Shri Niloptal Mrinal, winner of a Sahitya Academy Award (2016) for his best-selling book, Dark Horse was organized on 6th September, 2016. Continuing with the journey, Hindi poetry was celebrated on the occasion of Hindi Diwas, the 14th September, 2016. The members of KalamKaar shared their poems and other writings.

To give a live platform to the creative expression of students, a wall magazine was set up on 22nd September, 2016 where students display their writings, sketches and paintings on regular basis.

This was followed by Anniversary Celebrations of Kalamkaar on 23rd January, 2017. The website KalamKaar.in designed by Keshav Kant was officially launched. The recitation of wonderful pieces of poetry took place.

Adding yet another dimension to the Literary Society, Annual Kalamkaar Literature Festival (KLF) was organized on 3rd February, 2017. Dr. Rituparna read out some precious words from his book and inspired the young, budding minds for some serious creative work. Later, an interactive session took place under guidance of guest of honour Mrs. Renu Husaain, speakers Ms. Anshu Pathak and Prakhar Malviya 'Kanha', giving their insights on 'the Impact of Indian literature on personality development of youth. Second discussion

session initiated by a prominent feminist, Jayanthi Ranganathan and author of 'Voter Mata ki Jai', Pratishtha Singhenlightened the audience on modern feminism through sharing their own experiences. Thereafter, writer, Mr. Amitesh Singh presented his book ' Ismat Aapa' which was followed by interactive session on the life of Ismat Chughtai.

KLF concluded when Mr. Rachit Dixit took the surge of serious literature discussions to a light-hearted, mesmerizing performance, presenting his songs and shayaris. The mesmerizing and eye-catching exhibition of paintings and sketches was organised by Fine-arts members of the society.

(vii) FinS – the Finance Club

This year the activities of the club commenced with a Mock Stock competition organized on November, 7, 2016. Next in the series was organization of a financial quiz followed by an activity related to Financial Analysis of a company on November 9, 2016.

“How to invest in Stock Market”, a one day workshop was conducted by Mr. Siddhant Goel, CEO of Finlife, New Delhi on November 10, 2016. During the workshop students were acquainted with the stock market fundamentals and online trading.

During March, 2017, the club organized its annual Intercollege financial festival-Finanza 017, wherein more than 600 students participated from across the colleges and universities. On March 29, 2017, club organized a seminar and finance quiz on Career in Finance by Actuation Careers, New Delhi.

(viii) Model United Nation (MUN) Club

Over the years DDUC MUN has become one of the most prestigious MUN of Delhi circuit with pan India participation of more than 150 teams. This year college hosted its 7th MUN and the first in its new campus on 21st and 22nd October, 2016. The 7th MUN simulated four committees. The United Nations General Assembly focussed on Disarmament and International Security while the theme for discussion of UNHRC was Rights of Women in conflict areas. The Lok Sabha Committee witnessed intensive debate on Women reservation Bill and Feasibility of criminalization of Marital Rape while Press Council of India debated on Ensuring accountability of media houses and tackling yellow journalism.

True to its theme of Express, Empower, Evolve, the two day conference witnessed high level of debating with attempts to provide solutions to issues of National and International concern and providing opportunities to seasoned as well as new MUNers to evolve.

(ix) Vyaktitva–Personality Development

A cell initiated by students of B.Com (Hons) is the personality development wing of Student Activity Board. The society has been established to organize programs which help inculcating and infusing greater confidence with equanimity of mind and outlook among the students. Its aims are to work on building the dexterity of the students, strengthening aplomb and improving stances. The agenda of the society is to develop the skill in the students through the technique called MASTER (Motivate, Acquire, Search, Trigger, Examine, Reflect).

The incipient events of the society Querencia and Relentless were organized on January 19, 2017 and March 29, 2017 respectively. In Querencia, students were briefed about various techniques, mechanisms and tools to help develop their personality through lectures by K.G. Suresh, Director General, Indian Institute of Mass Communication. He is a Delhi based

senior journalist, columnist, blogger, political commentator, communication Strategist, public speaker, media trainer and educator. Second speaker for the day was Ankit Bhaskar, a student of BMS who has worked with professors at IIM-Ahmadabad, PwC(Consulting) world's largest auditing firm, Wharton and IIM-B graduates as a freelancer. Nitin Yadav took the lead in later half of the program and made the session lively through interaction and targeted counseling.

Relentless'17organised jointly in collaboration with Art of Living turned out to be an effective self-endearing and engaging event. Karan Nijhawan conducted the workshop and trained the participants to control their minds through various activities on mental strength. He emphasized on healthy and focused personality which is alert but relaxed at the same time. His idea introduced the participants with the YES+ course especially designed to train participants to help maintain balance between work and life.

(x) Photography Club

During the session 2016-17, eight photography workshops were beingconducted by Mr. Hemant Uppal. Seven were indoor including one night photography class and one was outdoor workshop. Around twenty students registered for the workshops. The students showcased their talent through the exhibitions put up during annual cultural festival of the college Kalrav'17. An inter college photography competition was organized in Kalrav'17 in which our student Jyoti Dalal got third prize.

The fresh batch of students was exposed to practical training under the supervision of senior student members of the society. They covered a number of Intra Collegeactivities held during the year. Some of the students also covered events organized by other colleges of University of Delhi.

Throughout the year, the society organized a number of competitions as a part of various college events. The members participated in more than twenty inter collegephotography competitions organized by other Colleges of University of Delhi.

(xi) Gandhi Study Circle

Gandhi Study Circle celebrated International Yoga day on June 21, 2016. The Yoga Expert, Dr. Priyanka Saraf who holds a PhD in psychology, various certificate courses in Yoga and has published many papers on Yoga, gave everybody some demonstrations of the postures called "Yog-asanas". The students, staff, faculty and residents in nearby locality participated in the Yoga session starting with Yoga prayer and did the yogasans which can remove the stress and depressions from human mind resulting in a better health and a better mood.
