

# Annual Quality Assurance Report (AQAR) 2015-2016

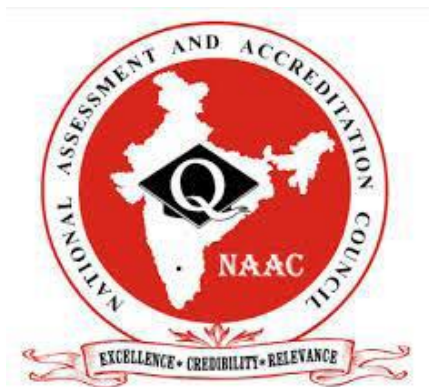


## Deen Dayal Upadhyaya College

**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. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

### Part – A

#### I. 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:	+91 9810883366

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 <sup>st</sup> Cycle	B	2.63	2014	5 year
2	2 <sup>nd</sup> Cycle	.....	.....	.....	.....
3	3 <sup>rd</sup> Cycle	.....	.....	.....	.....
4	4 <sup>th</sup> 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 \_\_\_\_\_ (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

## 2.14 Significant Activities and contributions made by IQAC

- On recommendation of IQAC, counselling sessions by a trained psychologist were organised in the college for staff and students.
- IQAC held meetings with each department to discuss issues related to academics and feedback system.
- 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. Report of different activities of Departments organized as per academic calendar (Annexure III)
3. Mentoring process started through trained psychologist. Course wise schedule for interaction with counsellor (Annexure IV)

\* Attach the Academic Calendar of the year as Annexure.

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

Provide the details of the action taken

No. There is no Governing Body for past two months.

## Part – B

### Criterion – I

#### I. 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	-----	02	02
Others	-----	-----	-----	-----
<b>Total</b>	17	-----	03	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)

**\*Please provide an analysis of the feedback in the Annexure : Analysis could not be done.**

- 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

## Criterion – 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
----	11	-----	-----	-----	----	-----	----	----	11

- 2.4 No. of Guest and Visiting faculty and Temporary faculty

Adhoc 35

Guest 19

## 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	8	Conference : 20 Workshop : 5	-
Presented papers	3	Poster Presentation : 31	-
Resource Persons	1	5	-

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

Innovative Processes
<ul style="list-style-type: none"> <li>• Use of ICT, Group Discussion, Quiz, Case Studies, Problem Solving Methods, Real Life Examples from Newspapers &amp; Business Magazines, giving conceptual clarity.</li> <li>• The science foundation commenced its activities with a Hands-on-Workshop on “Introduction and Applications of UV-Visible Absorption Spectroscopy” during February 08-12, 2016. It was conducted by in house faculty members with 90 participants.</li> <li>• The Robotics Club organized three workshops conducted by in house faculty members of the club during 2015-16. First, a three-day workshop was conducted on “Fire Bird V” in the month of August 2015. Other two were on “Getting started with Arduino” in the months of January and February, 2016 respectively. The workshop activities stimulated the learning of the participants and some exciting projects were built by students afterwards.</li> <li>• During February 22-23, 2016, A Hands-on Workshop on “VLSI and DSP”, was conducted by experts from Sciencetech Technologies, Indore.</li> <li>• A National Seminar of two days, supported by commission for Scientific &amp; Technical terminology MHRD, was organized on “Technical Terminology and Science Teaching” in Feb., 2015. The seminar introduced vocabulary prepared by Scientific and Technology Commission of MHRD to the participants ranging from faculty members from various colleges, administrators, scientists, officers and engineers who in turn will facilitate students to excel in higher education especially from Hindi medium.</li> <li>• A Botanical Excursion was taken to Pachmarhi Biosphere Reserve during Oct, 2015. A total of 40 students visited the Reserve along with staff of the department of Botany.</li> <li>• Five students, of B.Sc.(H) Physics VI semester visited Inter University Accelerator Centre (IUAC) along with faculty member on the occasion of National Science Day on 28<sup>th</sup> February 2016 .</li> <li>• A Technical Visit to Air Traffic Control (ATC), IGI Airport on September 04, 2015 was organized with an objective to make B. Tech Electronics students aware about the air traffic management.</li> <li>• An education trip was organized to National Zoological Park, Delhi on 17th October, 2015.</li> <li>• During October 2015, the college organised a Historical and Academic trip to Kurukshetra. The students had a view of the archaeological site of the mould of Emperor Harshvardhana (Harsh ka Tila). The sites have been excavated, show layers of habitation and the use of burnt bricks, structures, drainage system, jewellery artefacts and others. The museum housed at the Shaikh Chillu ka Maqbara has some of these items displayed. The students then visited the famous and sacred tank where five lakh people take bath on religious festivals.</li> <li>• On February 6, 2016, the college organized a one day Haiku walk for students at Sanjay Van, a reserve forest near Qutub Minar. During the walk students were taught how to appreciate Haiku poems, which primarily deal with various aspects of nature. They were also taught how to explore the linkages between natural phenomena and human emotional response.</li> </ul>



- The business plan competitions, Book Review session, guest lectures were the regular intra-departmental activities during the session. A workshop on usage of Statistical packages for research purposes was also conducted.
- A UGC sponsored National Seminar on “A Step towards Soft Computing: Techniques and Applications” was held on March 18-19, 2016. Academicians, Research Scholars and Students from institutes like IITD, IIIT, SRM University, Bhartiya Vidyapeeth and from various colleges affiliated to Delhi University participated in it. Some of the eminent speakers gracing the occasion were Prof. D.P Vidyarthi from JNU, Dr. Shikha Mehta from IIIT, Dr. Krishan Kumar Chaturvedi from IASRI, Pusa, Prof. Hardeep Singh from Guru Nanak Dev University, Amritsar, Dr. Aparna Mehra from IIT Delhi, Dr. Deepak Garg from Thapar University, Prof. Anupam Agarwal from IIIT Allahabad, and Dr. Tejas Indulal Dhamecha from IIIT Delhi.
- A two-day UGC Sponsored National Conference on “Emerging Issues in International Trade and Finance in Post-Recession Period” on February 22-23, 2016. The Chief Guest of the conference was Prof. M. L. Singla, Dean, FMS, University of Delhi and Prof. Victoria W. Mroshink, Jindal Global University gave the Keynote address.

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) NIL

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 01

2.10 Average percentage of attendance of students 70%

2.11 Course/Programme wise distribution of pass percentage :

COURSE & YEAR/SEM	ENROL.	AB	Result Awaited	APPE.	DIV.I	DIV.II	DIV.III	ER	FAILED	PASS	PASSING
B.SC.(H)ZOOLOGY SEM II	28	1	0	27	23	2	0	2	0	27	100%
B.SC.(H)ZOOLOGY SEM IV	31	2	0	29	22	3	1	0	3	23	79%
B.SC.(H)ZOOLOGY SEM VI	44	0	0	44	25	13	1	0	5	39	89%
B.SC.(H)CHEMISTRY SEM II	32	0	0	32	22	3	0	7	0	32	100%
B.SC.(H)CHEMISTRY SEM IV	86	4	1	81	54	10	1	0	16	81	100%
B.SC.(H)CHEMISTRY SEM VI	65	0	0	65	42	12	6	0	5	65	100%
B.SC.(H)BOTANY SEM II	28	0	0	28	25	1	0	2	0	28	100%
B.SC.(H)BOTANY SEM IV	55	5	2	48	26	13	5	0	4	44	92%
B.SC.(H)BOTANY SEM VI	40	0	0	40	34	3	2	0	1	39	98%

COURSE & YEAR/SEM	ENROL.	AB	Result Awaited	APPE.	DIV.I	DIV.II	DIV.III	ER	FAILED	PASS	PASSING
B.SC.(H)PHYSICS SEM II	79	0	0	79	50	10	16	3	0	79	100%
B.SC.(H)PHYSICS SEM IV	53	4	0	49	28	13	3	0	5	44	90%
B.SC.(H)PHYSICS SEM VI	76	4	0	75	46	16	7	0	6	69	92%
B.SC.(LIFE SCIENCE)SEM II	32	0	0	32	29	2	0	1	0	31	97%
B.SC.(LIFE SCIENCE)SEM IV	31	0	0	31	16	5	3	0	7	24	77%
B.SC.(H)ELECTRONICS SEM II	47	0	3	44	32	6	0	6	0	44	100%
B.SC.(H)ELECTRONICS SEM IV	49	0	0	49	25	10	2	0	12	37	76%
B.SC.(H)ELECTRONICS SEM VI	44	0	0	44	26	9	1	0	8	36	82%
B.SC.(MATHEMATICAL SCIENCE) SEM II	41	0	2	39	29	5	1	4	0	39	100%
B.SC.(MATHEMATICAL SCIENCE) SEM IV	86	0	0	86	45	18	7	0	15	71	83%
B.SC.(H)MATHEMATICS SEM II	62	0	0	62	50	5	0	7	0	61	98%
B.SC.(H)MATHEMATICS SEM IV	84	6	0	78	68	6	1	0	3	78	100%
B.SC.(H)MATHEMATICS SEM VI	84	0	0	84	67	10	0	0	7	77	92%
B.SC.PHYSICAL SC. SEM.II	79	0	0	79	50	10	16	3	0	79	100%
B.SC.PHYSICAL SC. SEM.IV	106	0	0	106	53	20	11	0	22	84	79%
B.COM(H) SEM II	156	0	1	155	103	23	2	27	0	155	100%
B.COM(H) SEM IV	176	0	0	176	148	16	11	0	1	175	99%
B.COM(H) SEM VI	130	1	0	129	108	14	6	0	1	128	99%
B.SC(H) COMPUTER SCIENCE SEM II	44	1	0	43	37	5	0	0	2	42	98%
B.SC(H) COMPUTER SCIENCE SEM IV	57	8	0	49	40	4	2	0	3	46	94%
B.SC(H) COMPUTER SCIENCE SEM VI	52	0	0	52	50	1	0	0	1	51	98%
B.A(H) ENGLISH SEM II	44	0	0	44	26	5	0	12	1	43	98%
B.A(H) ENGLISH SEM IV	47	0	0	47	25	13	9	0	0	47	100%
B.A(H) ENGLISH SEM VI	44	0	0	44	33	9	2	0	0	44	100%
B.A ECONOMICS SEM VI	48	0	0	48	26	6	7	0	9	39	81%

COURSE & YEAR/SEM	ENROL.	AB	Result Awaited	APPE.	DIV.I	DIV.II	DIV.III	ER	FAILED	PASS	PASSING
BACHELOR OF MANAGEMENT STUDIES SEM II	41	0	0	41	30	4	0	7	0	41	100%
BACHELOR OF MANAGEMENT STUDIES SEM IV	46	1	0	45	34	7	2	0	2	43	96%
B.A(PROG)SEM II	103	0	0	103	49	27	2	25	0	78	76%
B.A(PROG)SEM IV	113	0	0	113	71	27	9	0	6	107	95%
<b>TOTAL</b>	<b>2463</b>	<b>37</b>	<b>9</b>	<b>2420</b>	<b>1667</b>	<b>366</b>	<b>136</b>	<b>106</b>	<b>145</b>	<b>2270</b>	

#### 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 taking students feedback to analyse the area for improvement.
- 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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	01
HRD programmes	-
Orientation programmes	01
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

#### 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	06	-	4
Technical Staff	22	20	-	23
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

- Development of Research centre.
- Creating provision of start-up grant of Rs. 1-2 lakh for new faculty.
- Seed money for existing faculty initiated (for Science-upto Rs. 3 lakhs & for Humanities-upto Rs. 2 lakhs)

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	-	1
Outlay in Rs. Lakhs	-	-	-	-

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	9	-	-
Outlay in Rs. Lakhs	-	-	-	-

#### 3.4 Details on research publications

	International+ National	Others
Peer Review Journals	68	-
Non-Peer Review Journals	-	-
e-Journals	-	-
Conference proceedings	18	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

\* For Botany department

#### 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
Major projects	01	UGC	181097	181097
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	06	University of Delhi	-	190
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	07	-	-	-

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges  
Autonomy  CPE   
INSPIRE  CE  DBT Star Scheme   
Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		4		2	
Sponsoring agencies		UGC		College Fund	

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College   
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

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

Total	International	National	State	University	Dist	College
	3	1				

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

6
14

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

01
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3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	NIL	SRF	NIL	Project Fellows	60	Any other	
-----	-----	-----	-----	-----------------	----	-----------	--

3.21 No. of students Participated in NSS events:

University level	60	State level	--
National level	---	International level	---

3.22 No. of students participated in NCC events: N.A.

University level	-	State level	-
National level	-	International level	-

3.23 No. of Awards won in NSS: NIL

University level	-	State level	-
National level	-	International level	-

3.24 No. of Awards won in NCC: N.A.

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	--	College forum	--		
NCC	--	NSS	1	Any other	---

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

- Self-Defence Course**

Understanding the importance of safety issue of girls, the college organizes every year a self-defence training program in association with Delhi Police. This year, the training workshop was held in the college campus from 23rd February to 8th March 2016. Around 60 girls from various

courses attended this program. The objective of this training was not only to build the self-confidence but also equip these girls to handle all situations like stalking, eve teasing etc. At the time of attack or crisis various techniques to use their belongings like mobile phone, handbag, pen etc. were taught to girls by the trainers.

- **Run for Unity**

The college students and teachers participated in the “Run for Unity” organised on October 31, 2015 to celebrate “Rashtriya Ekta Diwas” on the occasion of birthday of Sardar Vallabh Bhai Patel.

- **NSS**

The activities of NSS started with an orientation program in August introducing the motto and working of the NSS to new volunteers. A cancer awareness program was also organized on 31<sup>st</sup> August in which Ms. Nitilekha who is herself a breast cancer survivor addressed the students and told them about possible ways of reducing the risk of the disease as well as how to face it courageously.

The prime activity of the Unit is to teach underprivileged children. Every volunteer devotes some time teaching the children living in nearby Shadipur slum or at a school run by an NGO called “ROPIO” in Ramesh Nagar. This year, an informal school ‘Pathashala’ was started for children of Sudamapuri, a slum near the college. Initially it was run in the college premises but later relocated to their living place in a makeshift tent.

The volunteers also initiated a drive among the students and staff of the college to collect usable books, stationery, toys, clothes and other useful items which can be reused by needy children.

The volunteers participated in the programs organized by the NSS Center of Delhi University. This year one volunteer Gurpreet of B.Sc. (H) Mathematics III year was selected for the Pre Republic day Camp.

## **Criterion – IV**

### **4. Infrastructure and Learning Resources**

NIL\* (No new infrastructure could be added as the college was to be shifted in a new campus)

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	-	-	-	-
Class rooms	-	-	-	-
Laboratories	-	-	-	-
Seminar Halls	-	-	-	-
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	01	UGC XII Plan	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	2,41,500	UGC XII Plan	-
Others	-	-	-	-

#### 4.2 Computerization of administration and library

Fully automated library is in operation since 2004, using software 'LSEase' of Libsys Corporation.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value(Rs)
Text Books	29231	6793014	1335 <sup>#</sup>	639575.83	30566	7432589.83
Reference Books	5684	4322810	116 <sup>#</sup>	333229.86	5800	4656039.86
e-Books	33	42345 <sup>#1</sup>	4	7050	34 <sup>#3</sup>	49395
Journals	25	28051 <sup>#2</sup>	1	804	25 <sup>#4</sup>	28855
e-Journals	135000				135000	Rs 5000
Digital Database	50,000				50,000	
CD & Video	84				84	
Others (specify)	752				782	

# 34 gifted books

#1 and #2 subscription amount has been re-appropriated as per actual expenditure of the receipted volumes

#3 04 new journals added but 03 could not be materialised

#4 01 New Magazine added however 01 removed as publication ceases to exist in print

4.4 Technology up gradation (overall) : No technology upgradation was done as the college was to be shifted in a new campus.

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1172	04	02	01	01	02	11	-
Added	-	-	-	-	-	-	-	-
Total	1172	04	02	01	01	02	11	-

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

- Wi-Fi Campus
- An interactive talk by Mr. Naveen Kabra, an ACM India Eminent Speaker, Co-Founder and CTO at Reliscore.com and Founder of PuneTech.com on "Evolving Programming Languages and its usefulness in IT Sector" was organized on 14<sup>th</sup> October, 2015.
- Department of Computer Science, organized a half-day workshop on "Cyber Security" on February 3, 2016 by All India Women's Education Association (AIWEFA). AIWEFA along with Hon'ble Minister of Communications and Information Technology, Shri Ravi Shankar Prasad, launched 100 "Cyber Security College Workshops Campaign" to bring the student community within the ambit of e-safety, security and redressal



4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs. 3,60,193/-
ii) Campus Infrastructure and facilities	--
iii) Equipments	---
iv) Others	---
<b>Total :</b>	Rs. 3,60,193/-

## Criterion – V

### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student scholarship scheme initiated.
- A Psychologist was appointed in the college for counselling the students.
- Remedial classes were conducted for enhancing communication and soft skills of SC/ST and OBC candidate under UGC scheme.

5.2 Efforts made by the institution for tracking the progression

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

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2548	-	-	-

(b) No. of students outside the state

1016

(c) No. of international students

05

Men	No	%	Women	No	%
	1434	56.3		1114	43.7

No	%
1114	43.7

Last Year (2014-15)				This Year (2015-16)			
General	SC+ST+OBC	Physically Challenged	Total	General	SC+ST+OBC	Physically Challenged	Total
1266	1247	2.0	2515	1206	1315	27	2548

Demand ratio  Dropout %

#### 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.

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
IAS/IPS etc  State PSC  UPSC  Others

#### 5.6 Details of student counselling and career guidance

- Part time psychologist counselled students of each individual class of the college. (Annexure – III)
- During 2015-2016, around 70 students were recruited by some of the leading companies like Wipro, Ernst and Young, ICICI Bank, Royal Bank of Scotland and Bajaj Capital through campus placement drives.
- The students also got selected for on-campus internships. A total of 18 students were selected by Smartex, Green Thumbs and Aditya Birla. Apart from this, several companies like BlueGape, Greymeter, Zomato food Blogger, Social Media Interns, Stint Mint Campus Ambassador Program, Instints, Rebanko.com, IMS, Sports and Fitness Pvt. Ltd, Spoon University, Wipro Earthian, Josh Talks, Feeding India, Tailshift, Walk Leaders, Talent4Assure and Teach for India have invited students for off-campus internships.
- To facilitate students, the placement cell organized workshops and training session rounds by prominent organisations like TCS, Catalyst, Bajaj Capital, Times Pro, Teach for India and Eptitude.

No. of students benefitted

## 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
4	154	34	-----

## 5.8 Details of gender sensitization programmes/Women Development Cell

- The activities commenced with an orientation program on 5<sup>th</sup> August 2015 with enrollment of around 100 students both boys and girls. Throughout the year, the members conducted a number of in house interviews and survey on various issues related to gender discrimination covering the views of individuals from all sections of the college- be it the students or faculty or other employees. The data and its analysis were published in the college magazine as an article.
- Two lectures were organized on gender discrimination in education and in Judiciary. In August, Prof. Sadhna Saxena (Head, Dean, Central Institute of Education, Univ. of Delhi) based her lecture cum discussion on gender discrimination in education where relevant recording of in house interviews were also played. Dr. Usha Ramanathan, a lawyer and researcher from Univ. of Delhi spoke about the gender bias of the judges and how it affects the judgments on 13<sup>th</sup> January 2016.
- WDC members collected video clippings from advertisements and movies reflective of gender biases. A show of these videos was held on 15<sup>th</sup> October, 2015 followed by a discussion on portrayal of women in media and how it impacts the society.
- The cell culminated its activities on a positive note by putting up a poster exhibition called 'The Rebels', on 17<sup>th</sup> and 18<sup>th</sup> March, 2016 celebrating extraordinary struggles of Indian women in achieving something in their personal lives or doing something meaningful for the society while overcoming adverse circumstances. Over 70 posters were put up at the exhibition and video clips related to these women were simultaneously screened.

## 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

### 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

#### 5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	318	26,34,290/-
Financial support from government	2	4,93,420/-
Financial support from other sources	1	12,780/-
Number of students who received International/ National recognitions	----	-----

#### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_NIL\_\_\_\_\_

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

##### **Vision**

To be an academia of "first choice" to transform lives that will change the world for the better at whatever level of human endeavour they are involved.

“Institutions are built by humans and not by the buildings”. We started with this spirit in 1990 in a school building at Karampura. In our journey of last two decades we modified the building as per our compulsions and eventually added another block to accommodate the influx of students. All these years we have been feeling the dire need of a campus which has proper facilities as per expected standards of a college.

Our dream is shortly going to materialize in the new campus which is coming up at Dwarka. We have planned the building as per international standards with focus on national/international collaborations.

This building will have most of the features of a green building- 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, amphitheatre, 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

-

## 6.3.2 Teaching and Learning

College has Academic Development Committee and Academic Supervisory Committee which looks after overall academic development/ needs of the college.

## 6.3.3 Examination and Evaluation

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

Six innovation projects funded by University of Delhi involving 18 faculty members with six external mentors and 60 under-graduate students of the college are working

S. No.	Project Title /Innovation Project No.	Project Investigator
01	Energy Harvesting by Plant-based Dye-sensitized Solar Cells ( DDU-301)	Dr. P. L. Meena Dr. Sanjay Tandon Dr. Mahaveer
02	Mathematical Modeling and Simulation of Circular and Non-circular Gate Geometry Junctionless Nanoscale Transistor and co-integration with Memristor Based Electronic Circuits ( DDU-302)	Dr. Manoj Saxena, Dr. Poonam Kasturi Ms. Mamta Amol Wagh

03	Study of Nutritional Content and Antioxidant Activity of Various Fresh and Packaged (under various brand names) fruit & vegetable juices using chemical reagents and mobile phone as spectrophotometer ( DDU-303)	Dr. Chayannika Singh Dr. Pradeep Kumar Jha Dr. Sangeeta Talwar
04	Elucidation and Validation of Molecular Basis of The Anticancerous Effects of Taxol ( DDU-304)	Dr. Varnika Bhatia Dr. Reeta Kumari Dr. Sudhir Verma
05	Exploration and synthesis of Materials for Dye-sensitized Solar Cell with improved Efficiencies ( DDU-305)	Dr. Jyoti Dr. Poonam Suri Dr. Sunny Manohar
06	Mahila Bank in India: A Catalyst for Economic Empowerment of Women ( DDU-306)	Mr. Vipin Kumar Meena Dr. Sunil Kumar Mr. Pawan Kumar Jain
<b>Three Startup grant funded by UGC</b>		
<b>S. No.</b>	<b>Project Title /Innovation Project No.</b>	<b>Project Investigator</b>
01	Solution-based synthesis of graphene quantum dots and study of the photoluminescent emission property	Dr Jyoti
02	Facile access to nucleobase-modified nucleosides <i>via</i> Diels-Alder reaction	Dr Kapil
03	Magnetically active ionic liquids: Design, synthesis and their application in organic transformations	Dr. Sunny Manohar

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

Library user orientation was conducted on 17<sup>th</sup> July, 2015 for effective usage of library resources. Our library is fully computerized and uses library software. It has a rich and active collection of text-books and reference books, 42,372 in number with an up-to-date bibliography database. Overall 68 journals & magazines of national and international repute in the relevant subject areas are subscribed. Besides this the library subscribes to 15 national newspapers. It has 594 bound volumes of journals and 780 CDs in its collection.

To complement class-room teaching with e-learning, the library has computing facility comprising of 25 PC with Internet access. Through the University dedicated fiber-optic link, the library has access to more than 44,000 peer reviewed journals, 84 databases and other educational materials subscribed by the University of Delhi. Through the NLIST program of UGC-INFLIBNET, the facility of remote access to more than 6000 e-journals and 97,000 e-books is provided.

In addition, relevant subject material and other useful information available in public domain are downloaded on to its local network for students' ready reference. Last year, library provided book-bank facility to 50 students on select basis.

### 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

To promote industry interaction amongst students, a DDUC Chapter of ENACTUS, **ENTrepreneurial ACTION US**, was started as a pilot project. It actually means entrepreneurial action for others, creates a better world for us all. This will primarily focus on creating community of students, academicians and business leaders by using power of entrepreneurial action to transform lives and shape a better tomorrow for a sustainable world.

### 6.3.9 Admission of Students

Admission of students for acadmic year 2015-16 was carried out as per university guidelines against the approved intake.

### 6.4 Welfare schemes for

Teaching	01
Non teaching	01
Students	02

### 6.5 Total corpus fund generated

NA

### 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 declares 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?

-

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

Ten development programmes (Refresher course on accounts matter, basic computer operations, provision of income tax under IT Act 1961 etc.) have been attended by the supporting staff of the college.

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

College is doing water harvesting for the last 15 years. College is participating in Swachh Bharat Abhiyan. Tree Plantation Drive is undertaken by the Eco-club. Cleanliness and Environmental Awareness Drive was also undertaken.



## 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.

- ECPDT, “Effective Communication and Personality Development through Theatre”:  
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.
- Teaching of under-privileged students by NSS volunteers.
- On March 10, 2016, resource persons were invited from outside to train students in theatre, film, painting, debate and creative writing.
- A two-day literary festival of Department of English was held on March 15 and 16, 2016 by the ZEST, the literary society of the Department. To showcase the changing face of the Department, where instead of teaching only, English literature and world literature were taught.
- A workshop on creative writing and an open mic session were conducted for students to recite, narrate and showcase their creativity.
- Keeping in view the intellectual and creative potential of students, two new societies viz. Sangyaan (The Quizzing Society) and Kalamkaar (The Literary Society) have been formalised. These societies will provide a platform at university, state and national level to explore their co-curricular talent.

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

Academic calendar was prepared taking into account both curricular and co-curricular activities. It was executed well by various college societies during the year 2015-16.

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

- ECPDT-2016, “Effective Communication and Personality Development through Theatre”:  
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.
- As a green initiative, Department of Chemistry recycled the old/used papers of practical files weighing around 500 Kg through M/s Jaagruti, NGO. It provided about 40 rims of recycled A-4 size papers.
- NSS Teaching to under-privileged students.
- A three days pottery workshop was conducted from February 22 to 24, 2016 under the guidance of Shri Om Prakash Galavji, a world record holder and a national awardee. About 30 students learnt the tender art of pottery, making clay figurines and intricate kaagzi pottery.

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

7.4 Contribution to environmental awareness / protection

- To commemorate the World Sparrow Day, a group of 120 students visited and observed different species of birds at Sultanpur National Park (Erstwhile Bird Sanctuary) on March 19, 2016. They got an opportunity to see different migratory birds and their exposure to various threats while visiting the National Park.
- This year's edition of Vande Matram introduced Ballet competition 'Dance of Nature' with the theme 'Environment in World Mythology'. The teams presented how ecological concerns have been addressed in the world mythology be it religious or secular ethics. The aim was to foster environmental consciousness among the youth.

7.5 Whether environmental audit was conducted? Yes  No

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

As the college was in the process of shifting to new campus at Dwarka, we intended to have better infrastructure, facilities, laboratories etc., leading to quality enhancement and overall institutional growth.

**8. Plans of institution for next year**

- To strengthen mentoring of students
- To create continuous internal feedback system by creating student faculty committees
- IQAC to undertake internal academic audit
- To look for complete ERP solution.

Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, I*

## Annexure I

### 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	-	Union Public Service Commission
ERP	-	Enterprise Resource Planning

\*\*\*\*\*

## Annexure – II

### Academic Calendar (2015-16)

# July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17 Orientation Programme	18 <b>Idul Fitr</b>
19	20 Classes Begin	21	22 Department wise Induction Programme for freshers 12:00pm to 2:00pm	23 Election/Nomination of Office bearers of ECA (2:30 pm onwards)		25
26	27 Debating Society Audition, 2:30 pm (Seminar Room)	28 Dramatics Society Audition, 2:30 pm (MPR)	29 Mentoring of students Initia- tion of Sports Ac- tivities	30 Music Society Audition, 2:30 pm (MPR)	31 Dance Society Audition, 2:30 pm (MPR)	

# August 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Freshers Welcome & Talent search
2	3 Inaugural lect. of Kalpariksha, Bot.Society, 2:30pm Sem**, Room	4 Inaugural lect. of Covalence, Chem. Society 2:30pm, Sem. room	5 II & III Year Exam. form filling up process	6 Inaugural lect. of CommUnity, Comm.Society, 2:30pm, Sem. room	7 Inaugural lect. of Sanganika, Comp.Sc.Society, 2:30pm, Sem. room	8 Freshers Welcome & Talent search
9	10 Inaugural lect. of Silzium, Elect.Society, 2:30pm, Sem. room	11 Inaugural lect. of Zest, Eng.Society, 2:30pm, sem. room	12 *Common Activity Slot (CAS) IQAC* meeting with Bot., Chem.	13 Inaugural lect. of Abhiviyakti, Humanities, 2:30pm, Sem. room	14 Inaugural lect. of Spettro, Mgt. Studies, 2:30pm, Sem. room	15 Independence Day
16	17 Inaugural lect. of Harish Chandra, Math. Society 2:30pm, Sem. room	18 Inaugural lect. of Aryabhata Sc. Forum, Phy. Society 2:30pm, Sem. room	19 *IQAC meet- ing with Com- merce/ Comp. Sc. Deptt.	20 Inaugural lect. of Optizone, O.R. Society, 2:30pm, Sem. room	21 <b>MUN</b> (Model United Nation)	
23	24 Inaugural lect. of Synapses, Zoology Society, 2:30pm, Sem. room	25 Expert lect. Music Society 2:30pm, Sem. room	26 * IQAC meet- ing with Electon- ics/ English Deptt.	27 Expert lect. Dance Society 2:30pm, Sem. room	28 Expert lect. Dramatics Society 2:30pm, Sem. room	29
30	31	*Students of departments having meeting with IQAC, will be involved in Swatch Bharat Abhiyan. Students of all other departments will have inter-class Quiz, Debates, Lecture competition & presentation/ preparation for Quest. ** Seminar Room = Internal Quality Assurance Cell				

# September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<i>1 Expert Lect. Debating Society 2:30pm, Sem**. Room</i>	<i>2 * IQAC meeting with Humanities &amp; Mgt. St. Deptt.</i>	<i>3 Bot. Society Lect., 2:30pm, Sem. room</i>	<i>4 Gender Sensitization Programme, 2:30pm, Sem. Room</i>	<b>5 Janamashtmi</b>
<b>6</b>	<i>7 Chemistry Society Lect., 2:30pm, Sem. Room</i>	<i>8 Commerce Society Lect., 2:30pm, Sem. room</i>	<i>9 * IQAC meeting with Maths &amp; Oper. Research</i>	<i>10 Comp.Sc. Society Lect., 2:30pm, Sem. room</i>	<i>11 Robotics Workshop</i>	<i>12 Botany One Day Seminar</i>
<b>13</b>	<i>14 English Society Lect., 2:30pm, Sem. Room</i>	<i>15 Hindi Divas 2:30pm, Sem. Room</i>	<i>16* IQAC meeting with Physics / Zoology</i>	<i>17 Inter-class activity Music, MPR, 2:30pm</i>	<i>18 Inter-class Dance comp. MPR, 2:30pm</i>	<i>19 Chemistry One Day Seminar</i>
<b>20</b>	<i>21 Inter-class Debate Society 2:30pm, Sem. Room</i>	<i>22 Electronics Society Lect., 2:30pm, sem. room</i>	<i>23* Mentoring of Students</i>	<i>24 Founders Day + Performance of fine arts Societies</i>	<b>25 Idul-Juha</b>	<i>26 Mgt. Studies One Day Activity Orizzonte</i>
<b>27</b>	<i>28 Interclass Quiz at Deptt. Level, 2:30pm</i>	<i>29 Zoology Society Lect., 2:30pm, Sem. Room</i>	<b>30</b>	<i>*Students of these departments will be involved in Swatch Bharat Abhiyan. Students of all other departments will have inter-class Quiz, Debates, Lecture competition &amp; presentation / preparation for Quest. ** Seminar Room</i>		

# October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<i>1 Activity by Gandhi Study Circle, 2:30pm, sem. room</i>	<i>2 Mahatma Gandhi's birthday</i>	<i>3 IQAC (Faculty Dev. Prog.)</i>
<b>4</b>	<i>5 6 7 Class Test (Exam) in three sessions i.e. 9:00 a.m-10:30 a.m, 11:30 a.m-1:00 p.m, 2:00 p.m -3:30 p.m</i>			<b>8</b>	<b>9</b>	<i>10 Commerce One Day Seminar</i>
<b>11</b>	<b>12</b>	<b>13</b>	<i>14 Distribution of Answer scripts &amp; submission of Award lists</i>	<i>15 Women Development Society Prog.</i>	<i>16 Maths Society Lect., 2:30pm, Sem. Room</i>	<i>17 Computer Science One Day Seminar</i>
<b>18</b>	<b>19</b>	<i>20 Staff Council 2:30 p.m</i>	<b>21</b>	<b>22 23 Mid-Semester Break</b>		<b>24</b>
<b>25 Mid Sem. Break</b>	<i>26 Classes begin after Mid-Sem. Break</i>	<b>27</b>	<i>28 Mentoring of Students</i>	<b>29</b>	<b>30 31 Two day conference Deptt. Of Management Studies</b>	

# November 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7 <i>English One Day Seminar</i>
8	9	10	11 <i>Deepavali</i>	12	13 <i>Dispersal of class &amp; Practical Exams begin</i>	14
15	16	17	18	19	20	21 <i>Alumni Meet Dinner</i>
22	23	24	25 <i>Guru Nanak Birthday</i>	26 <i>Theory Exams begins</i>	27	28
29	30					

# December 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 <i>IQAC meeting with Bot., Chem. Deptt. 12:45pm-2:15pm, Feedback &amp;</i>	2 <i>IQAC meeting with Commerce/ Comp. Sc. Deptt. 12:45pm-2:15pm</i>	3 <i>IQAC meeting with Electronics/ English Deptt. 12:45pm-</i>	4 <i>IQAC meeting with Humanities &amp; Mgt. Studies. 12:45pm-2:15pm</i>	5
6	7 <i>IQAC meeting with Maths/ Oper. Research</i>	8 <i>IQAC meeting with Physics/ Zoology</i>	9	10	11	12
13	14	15	16	17	18 <i>Staff Council, 12:45 p.m, Sem. Room</i>	19 <i>Winter</i>
20	21	22	23	24 <i>Id-e-milad</i>	25 <i>Christmas day</i>	26
27	28	29	30	31		
<b>Winter Break</b>						

# January 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 <b>Winter Break</b>
3 <b>Winter Break</b>	4 Classes Begin	5	6 Mentoring of students	7	8 Intra-college <b>MUN</b> 2:30pm Sem. Room	9 Electronics One Day Seminar
10	11 Inter-college (Debating) 2:30 P.M	12 Vivekananda Study Circle Activity 2:30pm Sem. Room	13 Exam Form of II & III year students	14 Intra-college (Robotics) 2:30 P.M	15 Subject Lect./ activity Bot.Deptt. 2:30 pm Sem. Room	16 Humanities One Day Seminar
17	18 Subject Lect./ activity Chem.Dept. 2:30 pm Sem.Room	19 Subject Lect./ activity Com.Dept. 2:30 pm	20* IQAC meeting with Physics & Zoology	21 Subject Lect./ activity C.comp Sc. Deptt. 2:30 pm	22 Subject Lect./ activity Elect.Dept. 2:30 pm Sem.Room	23 Mgt. Studies One Day Seminar
24	25 <b>Vande Matram</b>	26 Republic Day	27* IQAC meeting with Maths & Oper. Research	28 Subject Lect./ activity Eng.Dept. 2:30 pm Sem.room	29 Activity of Gandhi Study Circle 2:30 pm Sem.room	30 Mathematics One Day Seminar
31	* Students of departments having meeting with IQAC, will be involved in Swatch Bharat Abhiyan. Students of all other departments will have inter-class Quiz, Debates, Lecture competition & presentation / preparation for Quest.					

# February 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Subject Lect./ activity Humanities 2:30 pm Sem.room	2 Subject Lect./ activity Mgt.Studies 2:30 pm Sem.room	3* IQAC meeting with Humanities & Mgt. Studies	4 Subject Lect./ activity Maths Dept. 2:30 pm Sem.room	5 Subject Lect./ activity Physics Deptt. 2:30 pm Sem.room	6 Oper.Research One day seminar
7	8 Subject Lect./ activity O.R. Dept. 2:30 pm Sem.room	9 Subject Lect./ activity Zoo. Dept. 2:30 pm Sem.room	10* IQAC meeting with Elect. & English	11	12	13 <b>KALRAV</b>
14	15 Sports Quiz level -I, written 2:30 pm Sem.room	16 Activity Fin-S Club 2:30 pm Sem.room	17* Mentoring of Students	18 Parliamentary Debate competition 2:30 pm Sem.room	19	20 <b>Antardhavni##</b>
21	22 Sports Quiz level -II, live 2:30 pm Sem.room	23 Activity of Eco. Club 2:30 pm Sem.room	24* IQAC meeting with Commerce & Comp.	25 Activity of Women Development Society 2:30 pm Sem.room	26 Activity of Gender Sensitization Committee 2:30 pm Sem.room	27 Physics Department One Day Seminar
28	29	*Students of these departments will be involved in Swatch Bharat Abhiyan. Students of all other departments will have inter-class Quiz, Debates, Lecture competition & presentation / preparation for Quest. ## Subject to Change depending upon the dates fixed by the University.				

# March 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2* IQAC meeting with Bot./Chem.	3	4	5 Zoology One Day Seminar
6	7	8	9	10	11	12 Humanities One Day Seminar
<b><u>Class Test (Exams)</u></b>						
13	14	15	16 Distribution of answerscripts & submission of award list	17	18	19 IQAC FDP
20	21	22 Staff Council 2:30 p.m	23	24	25	26
<b><u>Mid Semester Break</u></b>						
27 Mid Sem. Break	28 Classes begin after Mid- sem Break	29	30 Mentoring of Students	31	• Sports Day & Annual Day will be held between 11th and 18th March	

# April 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
<b><u>Graduation Day</u></b>						
24	25	26 Dispersal of Classes & Practical Classes begin	27	28	29	30



# May 2016

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	20 <i>Staff Council</i>	21 <i>Summer Break begins</i>
22	23	24	25	26	27	28
29	30	31				

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## Annexure III

### **Report of Activities Organized by Different Departments**

- **Covalence- Department of Chemistry**

The society organised two subject lectures in the session. First, lecture on “Chemical entities in Cancer imaging” was presented by Dr. Anil Kumar Mishra, Additional Director, DRDO, and Institute of Nuclear Medicine in August 2015. The second lecture on “the Role of forensic science in white collar crimes” was delivered by Dr. S.C.Mittal Executive Director of premier Forensic Institute & Labs in September 2015. The annual fest ‘Rasayanotsava’ was organised on 12th & 13th Feb 2016.

A group of 38 students along with faculty visited Patanjali Ayurved Ltd. Haridwar, Uttarakhand in Feb.2016 .They visited food processing and Ayurvedic division at Patanjali Food & Herbal park, Haridwar

Besides various inter class activities were organised during the session such as extempore competition, Discussion on Contemplation of three years of chemistry Education in College, Quiz competition, Paper Presentation etc.

- **Kalpavriksha - Department of Botany**

A lecture series was initiated on Aug., 3, 2015 with its first lecture by Prof. Paramjit Khurana, J.C. Bose National Fellow on “The Joshimath Kalpavriksh - A Genomic insight into Mulberry Research”. Second in the series was by Mr. Veer Kumar, General Manager, Alfatech Services on “Rising Air Pollution in Delhi and Measurement Techniques” on Sep 3, 2015. Third subject lecture was delivered by Dr. Rajendra Gupta, (Centre for Education, Science and Culture, New Delhi) on the topic “Walking with Ancestors-Naming Plants and Animals in the Pre-historic World” on Jan 15, 2016.

The Annual publication of the Department,” Contemporary Plant Sciences” [ISSN: 2393-8676] Vol. 2, Issue 1, was released in March, 2016. “DELONIX”, two days annual fest organised various inter-college student activities like Brushes on strike on the theme ‘Nature or Environment’, Waste-O-Mania and Photography of Plants etc. The Valedictory lecture for the fest was delivered by Prof. K. S. Rao, Department of Botany, University of Delhi titled “Climate Change: Past, present and future implications”.

The Department also instituted a shield Pt. Deen Dayal Upadhyaya Memorial Shield for the winner of its annual debate. This year the issue was “Is Botany lagging in the era of Plant Biotechnology?” and the shield was won by a student of KMC, DU.

The department also organised weekly activities during the year such as Debate competition on “GM Crops: Future Solution?”, Quiz competition on ‘General Science and Botany’, Paper reading competition on “Contemporary plant sciences”, Power Point Presentations ,Sketching Competitions and so on.

- **Aryabhata Science Forum – Department of Physics**

The inaugural lecture of the society was delivered on 18th August, 2015 by Associate Professor, Dr. J.P.Singh from IIT Delhi on "Nanobiomimetic sensors fabricated by using glancing angle deposition". A General Science quiz and an intradepartmental group discussion on Euthanasia were organized in the month of September and Oct, 15 resp.

AAVEG, the two days Science Festival, began with the student activities like Paper Presentation, Impedance, Coding and Group Discussions followed by Science Quiz on the second day. The students got an opportunity to show several science projects in the Science exhibition, as a part of

Science festival, on 26th and 27th February, 2016. The projects displayed were on water level sensing, obstacle detection, radar and automatic corridor light on and off system etc.

- **Silizium- Department of Electronics**

The Society commenced its programs by organizing two lectures to begin with. First, titled “A billion Gate System on Chip(SoC) Design Challenges at Nanometer Technologies” was delivered by Mr. Anuj Rathi, Director, Technical Field Operations for India and South East Asia region at Atrenta-India in Aug,15 .Second, was a technical talk on “Asynchronous Circuit Design and CAD Tool Design for Asynchronous Circuits” delivered by Ms.Tannu Sharma, Graduate Research Assistant at University of Utah, Vice Chair-IEEE Student Chapter University of Utah on January 15, 2016.

Two workshops were conducted in the session. First one day workshop on VHDL programming and Digital Circuit Designing with 15 participants was conducted by in house faculty members in September, 2015. The second workshop, third in series since 2008, was on “Quantum Mechanics: Theory and Application”. It was organized jointly with IEEE Electron Device Society-(Delhi Chapter) and The National Academy of Sciences, India (NASI) -Delhi Chapter during March 13-14, 2016,

In October, 2015, the department organized One Day Symposium supported by The National Academy of Sciences, India – Delhi Chapter and IEEE EDS Delhi Chapter to celebrate International Year of Light. It was attended by over 150 students and faculty members from various colleges of University of Delhi. Professor Ajoy Ghatak, (Formerly Professor of Physics @ IIT Delhi) delivered his keynote talk. It was followed by sharing of experiences in the relevant fields by Professor K. Thyagarajan, Department of Physics, IIT Delhi , Mr. Mohammad Yasir Abbas, Senior Application Engineer- Industrial Metrology Business Unit, Nikon India Private Limited.

During January 22-23, 2016, more than 200 students from different colleges of University of Delhi participated in the annual Techfest ‘Urjasva’16’. The Event was jointly organized with IEEE Electron Device Society (EDS) Delhi Chapter and DU Times as media partners. It was an event with a plethora of technical events like Sweep The Wire-Circuit making event, Game Of Sapients-Technical quiz as well as fun filled activities and competitions.

On January 23, 2016, Electronics Alumni Meet was organized in which more than 40 alumni participated.

The highlight of the department is the achievements of its students. The Students of B.Sc. Hons Electronics - II sem Chitransh Mathe , Dimple Bhalla ,Sakshi Gupta and Pawan Kumar Mishra Secured First Prize in Inter College Robotics Competition held on March 30, 2016 organized by SSPL, DRDO, Ministry of Defence, Government of India

B. Tech Electronics - VI Semester students: Arushi Gupta, Mr. Rishav Kumar Pandey and Ms. Divya Goel of have secured First Prize in THINK NANO 2016 – National Student Symposium organized by Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science, Bangalore held during March 31, – April 01, 2016. They presented Poster entitled "Simulation and Experimental Verification of Memristor Based XOR Gate".

Mr. Khushwant Sehra and Ms. Arushi Gupta, students of B. Tech Electronics VI- Semester are selected for prestigious Science Academies’ (INSA, NASI, IAS) Summer Research Fellowship Programme for Students and Teachers 2016

- **Synapses – Department of Zoology**

The society began its activities with a lecture on “Drosophila: A Model And A Teacher of Biology” delivered by Prof. Mallikarjun N. Shakarad, Department Of Zoology, University Of Delhi, in August, 2015, Next subject lecture by Prof. Ashok Kumar Singh (Department of Zoology, University of Delhi) was organized on “The World of Insects” in Sep, 2015. Dr. Vipin Singh

(Amity University) talked about “Introduction to Genomics” in the third lecture of the society held on 9th February, 2016.

The society organised a number of intra departmental activities during 2015-16. The group discussions and essay writing topics were “Ban of Animals Use in Zoology”, “Is the decision of ban on animal dissection right for undergraduate students?”, “Vegetarian vs. Non Vegetarian Diet”, essay on “Biodiversity” etc. The annual fest Zoofestea’16 was organized on 4-5th March, 2016.

A National Symposium on “Trends in Research and Innovations in Life Sciences at undergraduate level” was organized by the Department of Zoology on 30th March, 2016.

- **Abhivyakti - Humanities**

The society initiated its activities with a special Lecture on “India’s trade relationship with Roman Empire in Ancient times” by Dr. Uma Marina Vesce on 13th August 2015. She spoke about trade relationship, ports on western and Eastern coasts of India where Roman ships used to anchor and the items of exchange between the two nations.

Next in the series was a lecture on 'Hindi mein Rozgaar ki Sambhawnaye' by Dr. Puran Chand Tondon on the occasion of Hindi Diwas, the 15th September 2015. He gave very interesting insights about working on development of technical terminologies in Hindi, difficulties faced and attractions of this booming industry.

- **Zest- Department of English**

The Department held an orientation program on the opening day, that is, July 17, 2015 and welcomed the new students and their parents, and introduced them to the various activities, achievements and values of the Department.

A Gender Sensitization Workshop was held on August 11, 2015 by Ms. Shweta and other members of the NGO, Breakthrough. On Sep.05, 2015, the department celebrated the year beginning party, Rapture, on the occasion of Teachers’ Day and also invited its Alumni.

On February 11, the Department of English organized an open Mike session for students to recite and narrate their creative pieces, which were judged by Konika Kawatra from the Department of English, ARSD College. On this occasion, the Department also launched its magazine the Spectator.

Mr. Anis Popli, the Creative director and Choreographer of Choreotheque, School of Contemporary Dance, conducted a workshop on dance, and Mr. Shantnu Chakravarti on painting. Abhishek Kukreja, who is pursuing Ph. D in film studies from Ambedkar University, held a one day workshop on this occasion on film making. Among the internal faculty, Dr Pramesh Ratnakar held a workshop on creative writing and Nitin Luthra and Lalit Kumar on debate.

- **Spettro – Department of Management Studies**

The business plan competitions, Book Review session, guest lectures were the regular intra-departmental activities during the session. A workshop on usage of Statistical packages for research purposes was also conducted.

The fourth edition of Annual Inter School Management Fiesta Orizzonte ’15 for school students was inaugurated by Prof. M. L. Singla, Dean, FMS, University of Delhi on 17th October, 2015. The five main events: Out of the Box, Stalking the Stock, Vivencia, Couch Potato Quiz and Eureka attracted participation of over 450 students from 30 schools around Delhi NCR.

Another important event was two-day UGC Sponsored National Conference on “Emerging Issues in International Trade and Finance in Post-Recession Period” on February 22-23, 2016. The Chief Guest of the conference was Prof. M. L. Singla, Dean, FMS, University of Delhi and Prof. Victoria W. Mroshink, Jindal Global University gave the Keynote address.

It was followed by a plenary session by Dr. Sanjeev Gupta, USMS, GGSIP University, Prof. Deepak Tandon, IMI, New Delhi, and Dr. Shahid Ahmed, Department of Economics, Jamia Millia Islamia University. In all 42 research papers were selected for the Conference on various themes pertaining to Emerging Issues in International Trade and Finance. The paper presenters were from diverse fields of the Academia, Industry and Research.

- **Harish Chandra Mathematical Society – Dept. of Mathematics**

The society organized four lectures during the session. The Inaugural lecture was given by Prof. Manish Thakur from Indian Statistical Institute, Delhi in Aug; 2015. Second was delivered by Prof. J. Jena, NSIT Delhi titled “Calculus and Its Applications on Jan 30, 2016. Prof. E.K. Narayanan, Indian Institute of Science, Bangalore, discussed the “Isometric Problem” on Feb, 8, 2016. Last in the series was the lecture by Prof. N. Raghavendra, Harish Chandra Research Institute Allahabad, on “Algebraic Curves” organized on March 4, 2016.

A number of activities like Mathematical quiz, research paper reading and its analysis, Papers presentations, Poster presentations etc were the part of regular weekly schedule of the society.

In March, 2016, the annual fest MATHRIX-16 organized a number of activities like Mathematical Quiz, Treasure Hunt, Rebus Puzzle, Mathematical Tambola, Geometrical Sketching, Paper Presentation, Mathematical Debate and Sudoku.

- **Optizone - Operational Research**

The society began its activities with a half day Seminar On “Business Intelligence” conducted by the representatives of IBS Business School, Gurgaon on August 20, 2015 in which about 70-80 students participated.

Another two days seminar was organized on “Predictive Analytics” during August, 2015 with sixty five participants. Mr. Pratipal Singh Kalra, member Governing Body inaugurated the seminar. Some of the eminent speakers Mr. Rajbir Singh and Dr. H.K. Dangi were from FMS, DU: and a team from School of Computer and Systems Sciences, JNU: Prof. R.K. Aggarwal, Dr. T.V. Vijay Kumar, and Prof. Subramaniam Bala Sundram addressed the participants.

Next event was a two day workshop on “Marketing Analytics” which organized on 6th & 7th November, 2015 for the students of Undergraduate/Postgraduate level and Research Scholars. A total of 35 students participated.

The society also conducted a faculty development program in collaboration with IBS business school, Gurgaon on April 13, 2015 by the faculty members of IBS on “Professional Perspective of Finance in Contemporary World”.

- **Sanganika – Department of Computer Science**

The inaugural lecture of the society titled “New Trends in Data Integration, Analytics and Business Intelligence” was delivered by Dr. Mukesh K. Mohania of IBM Research, Delhi on 17th August, 2015. A talk by Dr. Denzil Correa, Post-Doctoral Fellow at Max Planck Institute of Software Systems, Germany, on “Social Computing” was organized on 9th September, 2015. Yet another interactive talk by Mr. Naveen Kabra, an ACM India Eminent Speaker, Co-Founder and CTO at Reliscore.com and Founder of PuneTech.com on “Evolving Programming Languages and its usefulness in IT Sector” was organized on 14th October, 2015.

A full day seminar on “Big Data Analytics” on 10th October, 2015 benefitted the participants with presence of distinguished speakers from academia and industry. Prof. R. K. Aggarwal, Dean of SCSS, JNU delivered a lecture on Big Data Analysis followed by a lecture on “Moving from Data to Big Data” by Dr. T. V. Vijay Kumar of SCSS, JNU. The next two lectures were delivered by Dr. Biplov Srivastava, IBM Master Inventor at IBM Research on “Big Open Data and Semantics for a

real world application near you” and Dr. Mohit Kumar Goel, Principal Data Scientist at InfoEdge on “Data Science”. Both of them were from industry.

A trip to Dharamshala and McLeod Ganj was organized by the Department in collaboration with Lights in Dark Pvt. Ltd. from October 21-24, 2015. The trip included a tough trek to Triund.

Tech-Marathon’16, the annual technical festival of Sangania was organized on 29th - 30th January, 2016. Zebronics was the title sponsor with DU beat, College Desk and Orison Films being the media partners. The fest was a huge success with 400+ participants from over 20 colleges of various Universities. There were 14 events in total, like C-benders, Algowls, Treasure Hunt, Spec-wars, Ad-Mad, LAN gaming etc.

A UGC sponsored National Seminar on “A Step towards Soft Computing: Techniques and Applications” was held on March 18-19, 2016. Academicians, Research Scholars and Students from institutes like IITD, IIIT, SRM University, Bhartiya Vidyapeeth and from various colleges affiliated to Delhi University participated in it. Some of the eminent speakers gracing the occasion were Prof. D.P Vidyarthi from JNU, Dr. Shikha Mehta from IIIT, Dr. Krishan Kumar Chaturvedi from IASRI, Pusa, Prof. Hardeep Singh from Guru Nanak Dev University, Amritsar, Dr. Aparna Mehra from IIT Delhi, Dr. Deepak Garg from Thapar University, Prof. Anupam Agarwal from IIIT Allahabad, and Dr. Tejas Indulal Dhamecha from IIIT Delhi.

- **CommUnity – Department of Commerce**

The Department initiated its yearly activities by organizing one day Faculty Development Program on ‘Computerized Accounting System’ for faculty members of various colleges of University of Delhi in association with Indian Accounting Association- Delhi Chapter and Tally Education Pvt Ltd. in Aug 2015. More than 250 members participated in two batches spread over two days. Another one day FDP was organized on ‘Recent Changes in Direct Tax Laws’ in association with Indian Accounting Association- Delhi Chapter for the faculty members of the University of Delhi in Aug, 2015.

The society organized one full day intra-college event Expanze which was a blend of fine-arts, socio-cultural, literary and informal events in Sep., 2015.

Mr. Vinesh Chhabra (Ex director NIESBUD), Govt of India and alumnus of FMS conducted a workshop ‘Ignite-1.0,’ focusing on grooming, body language, cracking job interviews etc in Oct, 2015.

The regular weekly activities motivated students to learn and share ideas through subject discussions like Budget discussions, Currency devaluation of China, etc.

The annual festival ‘Zucitva’, was organized in Feb., 2016 having an array of events and activities like ‘Corporate Roadies’, ‘Toss-The-Loss’(conducted by the associates of BSE), Biz-Le-Lotto, etc.

Anurag Bansal, Vice President (Sales) Career Launcher had an interactive talk on various career options for commerce students in March, 2016.

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## Annexure IV

### Course Wise Schedule for Interaction with Counsellor

S.No.	Day, Date	Slot 1: 12.40-1.35	Slot 2: 1.35-2.30
1.	Wednesday, 2 <sup>nd</sup> March 2016	B.Sc. (H) Chemistry Sem II/IV/VI (179)	BMS Sem II/IV/VI (141)
2.	Thursday, 3 <sup>rd</sup> March 2016	B.Sc. (H) Botany Sem II/IV/VI & B.Sc. Life Science Sem II/IV	BMS Sem II/IV/VI
3.	Wednesday, 9 <sup>th</sup> March 2016	B.Sc. (H) Physics Sem II/IV/VI	B.Sc. (H) Computer Sc. Sem II/IV/VI
4.	Thursday, 10 <sup>th</sup> March 2016	B.Sc. (H) Zoology Sem II/IV/VI & B.Sc. Physical Sc., Comp. Sc. Sem II/IV	B.Sc. (H) Electronics Sem II/IV/VI
5.	Wednesday, 16 <sup>th</sup> March 2016	B.Com (H) Sem II (158)	B.Com (H) Sem IV (176)
6.	Thursday, 17 <sup>th</sup> March 2016	B.Sc. Physical Sc. With Chemistry Sem II/IV & B.A. (H) Economics Sem VI	B.Com (H) Sem VI
7.	Wednesday, 30 <sup>th</sup> March 2016	B.Sc. (H) Mathematics Sem IV/VI	B.Sc. (H) Mathematics Sem II & B.Sc. Mathematical Sc. Sem II/IV
8.	Thursday, 31 <sup>st</sup> March 2016	B.A. Sem. II	B.A. Sem. IV

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