Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Deshbandhu College (Name of the institution) fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 28/4/15
Place: New Delhi

Principal/Head of the Institution
(Name and Signature with Office seal)

Officer on Special Duty
(Principal)
Deshbandhu College
Kalkaji, New Delhi-19

DESHBANDHU COLLEGE
(University of Delhi)

SELF STUDY REPORT

Submitted to

National Assessment & Accreditation Council (NAAC)

February, 2015

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PREFACE

Today the whole world is trying to standardize various policies regarding the development of mankind to smother the process of universal and unitary growth. To draw the maximum benefit from human resources newer well worked out methods are employed to keep a check on the quality. In this regard education comes first because a well-educated band of people can bring in the best out of our society.

Deshbandhu College ***Ranked 28th in top 50 colleges of India and 8th in city of Delhi (In Science)***

- India Today-Nielsen Survey 2010

In order to further improve quality and progress, the College has prepared the Self Study Report.

It gives me immense pleasure and privilege to submit the Self Study Report of Deshbandhu College for the first cycle of accreditation by the National Assessment & Accreditation Council (NAAC), Bangalore. The Self Study Report has been prepared according to the guidelines laid down by NAAC. The report is a reflection of the academic and administrative functioning of the college. The details and data included in the report are true and precise to the best of my knowledge.

Looking forward to the Peer Team visit.

Dr. Ajay Kumar Arora
Principal
(Officer on Special Duty)
Deshbandhu College
(University of Delhi)

About Us

DESHBANDHU COLLEGE was established in the year 1952 by the Ministry of Rehabilitation, in the memory of Late Lala Deshbandhu Gupta -a veteran freedom fighter. The College made a humble beginning with just 72 students and courses like Prep (arts), Prep (science) and Pre-medical. The College was transferred to The Ministry of Education and later taken over by the University of Delhi. Guided by the mantra "Karmanyevadhikaraste" - Our Motto, the college continues to grow both in size and stature. Today, *Deshbandhu College* is a fully maintained constituent college of University of Delhi and has the distinction of being the oldest and the largest co-educational institution in South Delhi promoting Arts, Commerce and Science courses. The College offers seven post graduate and eighteen undergraduate courses in disciplines ranging from Languages, History, Political Science, Economics, and Commerce to all the major branches of Science and Mathematics. As on today, the College has 5,461 students on its roll.

The sprawling campus of *Deshbandhu College*, with its lawns, gardens and extensive grounds provide a healthy environment for all round development of the generation. The campus is dotted with an Administrative Block, an Arts Block, an Old Block, a huge library and a Science block with well-equipped laboratories, together with students' common rooms and a canteen. The college is working actively towards realizing its plan for a three storied Academic Block.

The *Deshbandhu fraternity* encourages the students to meet the complex challenges of an emerging modern society & follow the teaching of *Swami Vivekananda: "Stand up, be bold, be strong. Take the whole responsibility on your own shoulders & know that you are the creator of your own destiny. All the strength & succor you want is within you. Therefore make your own future."*

To encourage self-learning and to satisfy the thirst for knowledge of the students, the College library has a massive collection of about 1,02,420 books, a host of journals and magazines, a spacious reading room, a separate floor for teachers and research scholars, and a book bank section which lends text books to needy students.

The College promotes organization of seminars, lectures, workshops, N.S.S., N.C.C. and other co-curricular activities. A number of scholarships and financial aid are provided to meritorious and needy students every year.

Every student finds his/her expression through College Students' Union, affiliated to the Delhi University Students' Union. The Career-Counselling and Placement Cell of the college provide suitable employment opportunities to graduating students through campus recruitment.

The College has created a spacious "Web Access Center" in which 80 computers and servers provided by the Delhi University are housed. The servers have optical fiber connectivity and the College campus is Wi-Fi enabled. In addition there is a dedicated facility for use of computers and Internet connectivity in the library. The College is well equipped with all infrastructural/ academic support that a student requires. The College & the faculty offer a holistic environment to the students.

EXECUTIVE SUMMARY

Criterion I: Curricular Aspects

Deshbandhu College follows the Curriculum prescribed by the affiliating University of Delhi for the various undergraduate courses. The University conducts workshops and meetings inviting teachers from all affiliated / constituent colleges to participate in the process of updating & restructuring the courses. The senior faculty members from each department of the college attend this process and communicate and exchange their opinions and suggestions for effective execution of the curriculum. Our faculty members have been members of Academic Council, the highest academic body of the University which is responsible for the maintenance of standards of instruction, education and examination within the University.

The curricula are revised regularly by the affiliating university keeping in mind the changing social and global needs and employability of students.

The College offers all kinds of possible avenues in the form of various academic & co-curricular activities like debate, sports, photography, music, dramatics, seminars etc., to help the students in their overall development. At *Deshbandhu College* the purpose of higher education is not only to attain high academic goals but also to become a good human being; an empowered individual with an edge in the fast developing global human resource competitiveness.
The College is a study centre for Indira Gandhi National Open University (IGNOU) as well as for School of Open Learning (SOL)University of Delhi.

Criterion II: Teaching, Learning and Evaluation

The College has embarked on a high growth trajectory & has earned a position for itself amongst the frontier learning centres in the University of Delhi. The College has 137 permanent teachers, 81 temporary (ad-hoc) teachers and 5,461 students.

The College offers following courses:

Undergraduate Courses

- B.Sc.(H) Biochemistry
- B.Sc.(H) Botany
- B.Sc.(H) Chemistry
- B.Sc.(H) Mathematics
- B.Sc.(H) Physics
- B.Sc.(H) Zoology
- B.Sc. Applied Physical Science (Comp. Sc.)
- B. Sc. Applied Physical Science (Ind. Chem.)
- B.Sc. Life Science

Postgraduate Courses

M.A. Economics
M.A. English
M.A. Hindi
M.A. Political Science
M.A. Sanskrit
M. Com.
M.Sc. Mathematics

- B.Sc. Physical Science
- B.Com (H)
- B.A.(H) Economics
- B.A.(H)English
- B.A.(H) Hindi
- B.A.(H) History
- B.A.(H) Political Science
- B.A.(H) Sanskrit
- B.A. Programme

The admission to P.G. courses is centralized & monitored by the University. The College follows a completely transparent admission policy for all its undergraduate programmes.
Details regarding the admission process are printed in the college prospectus, displayed on the college notice board and also uploaded on the college website. The College strictly follows the reservation policy of Govt. of India. Reservation is ensured for all categories as per the UGC norms. The College has constituted the **Special Categories Enabling Committee** to provide the assistance to reserved category students at the time of admission.

The faculty members of the college are engaged both in the academic and personal counselling of the students regarding the choice of subjects during admission.
All departments of the college take introductory classes to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice.
Tutorial classes, unit tests are taken for the improvement of teaching-learning process. Apart from the lecture method, interactive method, project based learning method; practical sessions, seminars and computer assisted learning are practiced. To make the learning skills students-centric, educational tours to academic institutions and historical places are practiced. Internet facility is available for the faculty as well as students. The teachers of the college take several efforts round the year to nurture critical thinking and creativity and in developing scientific temper among the students. Monthly attendance records of the students are maintained. The College library has adequate number of text and reference books and common internet access for all with uninterrupted power back-up.

Criterion III: Research and Consultancy

The College has a Research Committee comprising of the Principal & the teachers who are involved in the promotion of research in the college. The faculty members have been continually involved in developing a scientific temper and research culture among the students.
Twelve teachers of the college are involved in guiding research students. Two research laboratories recognized by the University of Delhi have been set up in the last four years. Four major research projects have been completed & three major research projects are going on. Twenty four teachers are engaged in eight interdisciplinary innovation projects funded by the University of Delhi. Various

workshops/symposiums/ training programmes have been organized. The College is planning to set up a Common Instrumentation Centre (CIC). Various departments of *Deshbandhu College* regularly organise conferences, seminars and workshops in order to rope in researchers of eminence to visit the campus and interact with the teachers and students.

The College has an active NSS unit that organizes various workshops with the sole aim of personality development of the student & inculcate in them the propensity of compassion towards community services and social cause. To promote community network NSS Unit of college has organized various workshops in collaboration with different NGOs. The College has organized Health Check- up camp, blood check-up camp for blind students in collaboration with Red Cross Society and blood donation Camp. NSS volunteers participated in the "Common Wealth Games" 2010 and Delhi Monument Cleaning programme.

Criterion IV: Infrastructure and Learning Resources

The College has 45 class rooms , 1 Seminar Hall, 14 Tutorial rooms, 12 Departmental Rooms, Boys Common Room (BCR), Girls Common Room (GCR), 4 Lecture Theatres (BLT, CLT, PLT,ZLT) one each for Botany, Chemistry, Physics and Zoology ,2 Laboratories of Bio-Chemistry, 3 Laboratories of Botany, 3 Laboratories of Chemistry, 3 Laboratories of Physics, 3 Laboratories of Zoology, 1 Botanical Garden, 1 Chemistry Research Laboratory, 2 Zoology Research Laboratories, Museum in Botany and Zoology Department, Computer Science Lab, Web Access Centre, IGNOU Study Centre, SOL Study Centre, 4 Xerox Machines, 7 LCD Projectors, a Canteen, a Library and a spacious playground. Full power back up is ensured through a Generator Set. The College library has a massive collection of text & reference books, a host of journals and magazines, a spacious reading room, a separate floor for teachers and research scholars, and a book bank section which lends text books to needy students. Faculty and students can access e-resources subscribed through INFILIBNET (Delhi University) and N-List (College) on and off the college campus.

Criterion V: Student Support and Progression

The College aims at the holistic development of its students focusing not only on academic achievements but also personality development through extra-curricular and cultural activities. The College publishes its updated prospectus annually providing complete information about the college. The College takes care of the needs of all categories of students. Financial assistance is provided to the needy students. The College has constituted Internal Complaint Committee, The Proctorial Committee, Union Advisory Committee and an active Placement Cell. The College adopts various measures to develop entrepreneurial skills among the students. The College magazine"***DESH***" is printed annually under the supervision of the Editorial Board. Various College committees have student representatives on them. The

College provides opportunities to students for participating in co-curricular and extra-curricular activities.
The merit based prizes are given for excellence in the field of academics and extra-curricular activities providing support and incentive to students to do their best.

Criterion VI: Governance and Leadership

The governance and leadership of the College is managed by the Governing Body.

Composition of the Governing Body:

The Chairman & nine members appointed by the University, The Principal, two faculty members and one non-teaching staff member. The Principal is the member Secretary of the Governing Body.
The Governing Body is always encouraging and supporting the involvement of the staff members in the improvement of the effectiveness and efficiency of the institutional processes. The committees of the Staff Council play the decision-making role in planning and implementation of activities in different spheres of institutional activities. The Governing Body resolutions are implemented as per the guidelines of the University of Delhi.
The College has several welfare schemes for its teaching and nonteaching staff like Duty leave, Medical leave, Group Insurance Scheme, Medical Reimbursement, Child Care Leave and Leave Travel Allowance as per the rules of University of Delhi.

The financial resources of the college are managed in a very effective and efficient way. The College being Constituent College is 100% funded by UGC and University of Delhi. The internal audit is done by the Audit Committee of the University of Delhi every year. External audit is conducted by "The Office of the Director General of Audit Central Revenues" (AGCR).

Criterion VII: Innovations and Best Practices

The College has taken all possible initiatives to make the campus green & eco-friendly. Tree plantation in the campus is a regular activity of the NSS unit of the college. A botanical garden maintained by the Department of Botany adds to the greenery of the college. There is a Water harvesting plant in the college campus.

The College Library is computerized with an access to electronics resources from DULS and UGC-INFONET.Library has access to National Library and Information Services Infrastructure for Scholarly Content (N-LIST). Under N-LIST Programme the library users can access to e-resources.

The College has a functional website which allows important notices and time-table to be uploaded each semester. Surveillance is maintained in the college campus

through CCTV cameras. The College campus has been declared "Tobacco Free Zone" by the NSS Unit of the college.

The College has been organising **INSPIRE (**INSPIRE — Innovation in Science Pursuit for Inspired Research – Programme launched by The Department of Science and Technology, Government of India) **Internship** for the last three years to promote scientific temperament among the young students. Placement Cell of the college plays a key role in counselling and guiding its students for their Successful Career Placement.

B: PREPARATION OF SELF-STUDY REPORT

Profile of the Affiliated / Constituent College

1. **Name and Address of the College:**

Name :	DESHBANDHU COLLEGE	
Address :	KALKAJI, NEW DELHI	
City : NEW DELHI	Pin : 1100019	State : DELHI
Website :	http://www.deshbandhucollege.ac.in/	

2. **For Communication:**

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Ajay Kumar Arora	O:011-26439565 R:	9818057270	011-26449396	principal@db.du.ac.in
Bursar	Dr. E. Chauhan	O: -- R: --	9868175216	--	echauhan@db.du.ac.in
Steering Committee Co-ordinator	Ms. Usha Arora	O: -- R:011-41603316	9818888077	--	naac@db.du.ac.in

3. **Status of the Institution**:

i) Affiliated College	
ii) Constituent College	√
iii) Any other (specify)	

4. **Type of Institution:**

a. By Gender

i. For Men	
ii. For Women	
iii. For Co-education	√

b. **By Shift**

i. Regular	√
ii. Day	
iii. Evening	

5. It is a recognized minority institution?

Yes [ ] No [√]

If yes specify the minority status (Religious/linguistic/any other) and provide documentary evidence: N/A

Sources of funding:

Government	√
Grant-in-aid	
Self-financing	
Any other	

7. a. **Date of establishment of the college: 03/08/1952 (dd/mm/yyyy)**

b. **University to which the college is affiliated /or which governs the college (If it is a constituent college)** University of Delhi

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)*		
ii. 12 (B)*		

*(Certificates Enclosed)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.): Not Applicable

Under Section/ Clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.				
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes [ ] No [√]

If yes, has the College applied for availing the autonomous status?

Yes [ ] No [√]

9. **Is the college recognized**

a. **by UGC as a College with Potential for Excellence (CPE)?**

Yes [ ] No [√]

If yes, date of recognition: …… (dd/mm/yyyy)

b. **for its performance by any other governmental agency?**

Yes [ ] No [√]

If yes, Name of the agency …… and

Date of recognition: …… (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	**Urban**
Campus area in sq. mts.	42532 Sq. Mts.
Built up area in sq. mts.	11436.28 Sq. Mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- **Auditorium/seminar complex with infrastructural facilities**
- **Sports facilities**
  - Playground [√]
  - Swimming pool [ ]
  - Gymnasium [ ]
- **Hostel**: Not Available
  - **Boys' hostel :**
    - i. Number of hostels
    - ii. Number of inmates

iii. Facilities (mention available facilities)

* **Girls' hostel :**

i. Number of hostels

ii. Number of inmates

iii. Facilities (mention available facilities)

* **Working women's hostel**

i. Number of inmates

iii. Facilities (mention available facilities)

- **Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise) :** Not Available

- **Cafeteria —** Available

- **Health centre –** Not Available

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance……

Health centre staff –

Qualified doctor	Full time	NO	Part-time	NO
Qualified Nurse	Full time	NO	Part-time	NO

- **Facilities like banking, post office, book shops :**
  Banking and Photostat: Available
- **Transport facilities to cater to the needs of students and staff:** Not Available
- **Animal house** : Not Available
- **Biological waste disposal** : Not Available
- **Generator or other facility for management/regulation of electricity and voltage:** Power Backup through Gen Sets and Online UPS
- **Solid waste management facility:** Not Available
- **Waste water management** : Available
- **Water harvesting** : Available

12. Details of programmes offered by the college (Give data for current academic year): 2014-15

SI. No.	**Programme Level**	**Name of the programme / course**	**Duration**	**Entry Qual.**	**Medium of instruction**	**Sanctioned/ Approved students strength**	**No. of students Admitted**
	Under-Graduate	**B.Sc.(H) Courses**	**3 Years**	**10+2**	**English**		
		Bio-Chemistry				31	61
		Botany				62	125
		Chemistry				31	101
		Mathematics				93	213
		Physics				62	114
		Zoology				62	101
		B.Sc. (Prog.)Courses	**3 Years**	**10+2**	**English**		
		Computer Science				62	145
		Industrial Chemistry				62	159
		Life Science				62	117
		Physical Science		**10+2**		123	275
		B.A.(Prog.) Course	**3 Years**	**10+2**	**English/ Hindi**	185	379
		B.A. (H) Courses	**3 Years**				
		Economics				62	190
		English				62	103
		Hindi		**10+2**		62	91
		History				93	117
		Political Science				123	305
		Sanskrit				62	142
		B.Com (H)	**3 Years**		**English**	62	154
	Post-Graduate	**M. Sc. (Mathematics)**	**2 Years**	**B.Sc. (Maths)**	**English**		
		M.Com.	**2 Years**	**B.Com.**	**English**		
		M.A. Economics	**2 Years**	**B.A.**	**English**		
		M.A. English	**2 Years**	**B.A.**			
		M.A. Hindi	**2 Years**	**B.A.**	**English / Hindi**		

		M.A. Political Science	**2 Years**	**B.A.**			
		M.A. Sanskrit	**2 Years**	**B.A.**			

Sr. No	**Programme Level**	**Name of the programme / course**	**Duration**	**Entry Qual**	**Medium of instruction**	**Sanctioned/ Approved students strength**	**No. of students Admitted**
	Integrated Programme in P.G.	-	-	-	-	-	-
	Ph.D.	-	-	-	-	-	-
	M.Phil	-	-	-	-	-	-
	Ph.D	-	-	-	-	-	-
	Certificate Courses	-	-	-	-	-	-
	UG Diploma	-	-	-	-	-	-
	PG Diploma	-	-	-	-	-	-
	Any Other (specify and provide details)	-	-	-	-	-	-

13. Does the college offer self-financed Programmes?

Yes [ ] No [√]

If yes, how many? [ ]

14. New programmes introduced in the college during the last five years if any?

Yes		No	√	Number	

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science	Bio-Chemistry, Botany, Chemistry, Computer Science, Physics, Zoology	√	-	-
Arts	Economics, English, Hindi, History, MIL, Philosophy, Political Science, Sanskrit	√	√	-
Commerce	Commerce	√	√	-
Mathematical Sciences	Mathematics	√	√	-

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com…)

a	Annual System	Nil
b.	Semester System	18
c.	Trimester System	Nil

17. Number of Programmes with :

a.	Choice Based Credit System	Nil
b.	Inter/Multidisciplinary Approach	Nil
c.	Any other (specify and provide details)	Nil

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes [ ] No [√]

If yes,

a. Year of Introduction of the programme(s)…… (dd/mm/yyyy) and number of batches that completed the programme. [ ]

b. NCTE recognition details (if applicable)

Notification No.: ……

Date: …… (dd/mm/yyyy)

Validity:……

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes [ ] No [√]

19. Does the college offer UG or PG programme in Physical Education?

Yes [ ] No [√]

If yes,

a. Year of Introduction of the programme(s)…….. (dd/mm/yyyy) and number of batches that completed the programme

[ ]

b. NCTE recognition details (if applicable)

Notification No.: ……

Date: …… (dd/mm/yyyy)

Validity:……

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes [ ] No [√]

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government					207		61		120	
Recruited					65	72	31	05	50	07
Yet to recruit					70		25		63	
Sanctioned by the Management/ society or other authorized bodies *Recruited*										

Yet to recruit									

***M-Male *F-Female**

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers			32	45	33	27	137
D.Sc./D.Litt.							
Ph.D.			28	33	17	17	
M.Phil.			2	6	13	4	
PG			2	6	3	6	
Temporary teachers					33	48	81
Ph.D.					18	22	
M.Phil.					6	13	
PG					9	13	
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

22. Number of Visiting Faculty /Guest Faculty engaged with the College. 10

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 2011-12		Year 2012-13		Year 2013-14		Year 2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	251	84	284	95	409	132	534	174
ST	84	20	94	21	109	26	125	43
OBC	422	116	511	130	771	166	1103	216
General	1401	976	1476	1010	1934	1092	2242	1159
Others	16	02	12	04	11	07	16	08

24. Details on students enrollment in the college during the current academic year in Ist Year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1470	-	-	-	-
Students from other states of India	797	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	03	-	-	-	-
Total	2270	-	-	-	-

25. Dropout rate in UG and PG (average of the last two batches):

UG	5.69%	PG	0.1%

26. Unit Cost of Education
(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component	Rs. 1,21,330/-
(b) Excluding the salary component	Rs. 22,981/-

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes [ ] No [√]

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes [ ] No [ ]

b) Name of the University which has granted such registration.

[ ]

c) Number of programmes offered [ ]

d) Programmes carry the recognition of the Distance Education Council.

Yes [ ] No [ ]

28. Provide Teacher-student ratio for each of the programme/course offered:
26:1 (Approx.)

29. Is the college applying for

Accreditation: Cycle 1 [√] Cycle 2 [ ] Cycle 3 [ ] Cycle 4 [ ]

Re-Assessment: [ ]

(Cycle 1refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: …… (dd/mm/yyyy) Accreditation Outcome/Result……..

Cycle 2: …… (dd/mm/yyyy) Accreditation Outcome/Result…….. **Cycle 3: …… (dd/mm/yyyy)**

Accreditation Outcome/Result…….. : N/A

** Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year. 296

32. Number of teaching days during the last academic year. >180

(Teaching days means days on which lectures were engaged excluding the examination days).

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC

AQAR (i) …… (dd/mm/yyyy)

AQAR (ii) ……

(dd/mm/yyyy) AQAR (iii) ……

(dd/mm/yyyy) AQAR (iv)

…… (dd/mm/yyyy)

:N/A

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

2. Criteria - wise Inputs

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

1.1.1 Vision:

The ***vision*** of Deshbandhu College is to deliver Innovative, highly effective, all-encompassing quality education for inculcating human values, professionalism and scientific instillation to all sections of students. The College aspires to make the students aware of the institutional as well as individual needs and thus working with instinct, innovation and insight.

Mission: Few mission statements of the College are:

- To provide comprehensive education instilled with scientific zeal that creates a platform for lifelong learning.
- To create an informal, close-knit, friendly and supportive environment that encourages hard work and academic achievements.
- To inspire self-learning and to satisfy the thirst for knowledge of the students.
- To prepare the students to achieve core competencies to meet the global Challenges.
- To provide bounteous scope for manifold development of the students.
- To nurture social cognizance and culpabilities among its students.

Objectives: The objective of the College is to achieve the stated vision and mission statements through its action plans and relevant activities.

Guided by the mantra "Karmanyevadhikaraste" -our motto, the college aims to grow both in size and stature.

The vision, mission and objectives of the College are communicated to the students, teachers, staff and other stakeholders through:

The annual Prospectus, Website of the College and during the Orientation programme.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The College meticulously develops action plans for effective implementation of the curriculum. Before the start of every semester The teachers in-charge conduct their

departmental meetings with faculty members and develop academic plans for the coming academic session

1.1.3. What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The University of Delhi conducts meetings/ workshop at the time of curriculum design coordinating department-wise head / senior faculty members of all its affiliated / constituent colleges. The College also sends the teachers to participate in the meeting / workshop / seminar organized by the affiliating university to update knowledge on curriculum and to improve teaching practices. The teachers of the college actively participate in the meetings/ workshop to discuss issues/ problems and put forward their suggestions.

The College provides well-stocked library, internet facility at different segments, computers for science, commerce and a few of humanities departments, seminar hall to conduct departmental programmes, computer laboratory, science laboratories, LCD projectors, display boards, etc. The Computer Science Department of the college also conducts Computer Skill Development programme for teachers so that they are able to use the modern technologies, like internet, LCD projectors etc. to supplement their classroom lectures.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The College relies upon the globally trusted and followed teaching technique i.e., the chalk and talk method. However, the College has taken following initiatives for effective curriculum delivery:-

- Provides Copy of the syllabus to all the teachers
- Provides latest reference books.
- Provides internet facility at different segments.
- Provides modern teaching aids, like LCD projectors.
- Organizes computer skill development programme for the faculty so that they are able to use modern teaching aids in classroom instructions.
- Encourages the teachers to participate in special lectures organized by the College/other Colleges/affiliating University.
- Practical oriented departments conduct educational tours.

1.1.5 How does the institution network and interacts with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

The College has set up a Placement cell which maintains professional relations with the representatives of industry. Departmental societies also organize various workshops, seminars and educational tours to interact with beneficiaries.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members / departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

The University of Delhi invites at least one senior faculty member of each department in all its meetings / workshops of curriculum development to put their valuable suggestions and opinion on the basis of the feedback obtained from the different stakeholders, especially from students and faculty members. Teachers actively participate and contribute in the development of the curriculum. Several teachers of the college are members of various Curriculum Development Committees of the University. Over the years our faculty members have been members of Academic Council, the highest academic body of the University which is responsible for the maintenance of standards of instruction, education and examination within the University.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed?

The College being affiliated to the University of Delhi has to follow the curriculum developed and implemented by the University. The College has no freedom to develop any curriculum.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

Departmental meetings take place from time to time for the successful implementation of the curriculum. Assignments, unit tests are taken in the class to analyze how the students are coping with the syllabus.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

The College does not enjoy this liberty and as such provides no such facility.

1.2.2Does the institution offer programmes that facilitate twinning/dual degree? If 'yes', give details.

University of Delhi does not offer dual degree programmes.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- **Range of Core / Elective options offered by the University and those opted by the college**
- **Choice Based Credit System and range of subject options**
- **Courses offered in modular form**
- **Credit transfer and accumulation facility**
- **Lateral and vertical mobility within and across programmes and courses**
- **Enrichment courses**

The curriculum framed by the University offers a set of optional papers across disciplines, thereby providing scope for the students to choose areas of specialization in various Honours Courses.

Additional qualifying paper of Environmental Studies is offered to all Science Courses.

Students of B.A. (Hons.) courses have to study one Qualifying Language course and a compulsory Language/ Literature course. Apart from this, students have to study Inter-Disciplinary and Disciplined Centered Courses.

In addition to this, the B.A. Programme students have to study Foundation & Application Courses (Mass Communication and Creative Writing) as per the curriculum framed by the University.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The College does not offer any self –financed programmes.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

No.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?

No.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The Curriculum framed by the University is supplemented through co-curricular as well as extra-curricular activities in such a way that the academic programmes and institution's goal and objective are integrated.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

Various Departments organize seminars, talks, lectures and educational tours to enrich the curriculum.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The Deshbandhu Dramatic Society actively organizes street plays targeting the cross-cutting issues like Gender Sensitization, Human rights etc. The College Debating Society DIALECTICIANS regularly debate on issues ranging from political to social scenarios. Eco Club organizes a number of activities to promote awareness among students about environmental issues.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

Eminent experts are invited to guide the students to pursue different Career options. Social awareness is enhanced among the student through various NSS activities such as Blood – Donation Camps, Cleanliness drive etc. The College also participates in "***Antardhvani***" - Cultural Festival of the University of Delhi.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

The College has no provision of collecting feedbacks formally from the students. Feedback obtained from students in tutorial classes is analyzed by the faculty members of the

concerned department. When faculty members are invited during curriculum modification/revision, they communicate their recommendations on the basis of their analysis and discussion of the feedback received.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

To monitor and evaluate the quality of its enrichment programmes report of the result is prepared by the teacher in-charge of each department. The Principal holds meetings with all departments to discuss the result.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Faculty members from various departments are active members of Curriculum Development Committees of the University. They regularly attend meetings conducted by the University at the time of revision of curriculum and put forward their suggestions.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

There is no formal mechanism for obtaining feedback from students on curriculum. Feedbacks from student are taken through teacher-student interaction in the tutorial classes. These are communicated to the affiliating University by the faculty members during the curriculum revision meetings organized by the University

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

Any other relevant information regarding curricular aspects which the college would like to include.

Nil.

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

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

The College publishes its annual prospectus which contains detailed information about the courses, academic calendar including process of admission and the facilities provided by the college. The academic, administrative and financial aspects regarding the admission process is clearly mentioned in the prospectus. The annual prospectus is uploaded on the college website.

To ensure transparency cut -off percentage of each course is displayed on college website, Delhi University's website as well as in leading daily newspapers. The same cut-off percentage is displayed on the college notice board. A special committee focusing on the grievances of the students during the admission is formed to cater to the needs of the students

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Admission to all P.G. courses is centralized & monitored by the University. The criterion adopted is a combination of merit & entrance test conducted by the University.
Admission to all undergraduate programmes is based on the merit of marks obtained by the students in class XII as per the guidelines of the University.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Max & Min Cut-off (Category Wise)
B.A(H) Economics 1st year

	GEN		OBC		SC		ST	
COLLEGE	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	92	91	85	83	75	72	73	68
LSR	97.5	97	96	95.5	95	94	94.5	89.7
PGDAV	94	93.5	84	93	79	75	76	63
Maitreyi	94	94	89	89	89	88	89	88
ARSD	97	95-96.75	94.5	88	94	84	90	84

Max & Min Cut-off (Category Wise)
B.A(H) History 1st year

College	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	80-82	76	72-74	68	72-74	65	72-74	68
Dyal Singh	80	80	70	70	68	68	75	70
Gargi	86-91	86-91	80-85	79-84	78	78	78	78
LSR	96	95.25	93.5	93	92.5	91	94	92.8
Kamala Nehru	86-92	86-92	83-89	81-87	81-87	79-85	81-87	79-85

Max & Min Cut-off (Category Wise)
B.A(H) English 1st year

College	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	88	87	83	81	78	76	78	74
Ramanujan	85	85	80	75	75	70	70	60
Gargi	91-95	91-95	86-90	86-90	85	85	85	85
Maitreyi	92-94	90-92	86-88	86	83-88	86	83-88	86
Dyal Singh	85	85	80	78	82	75	82	75

Max & Min Cut-off (Category Wise)
B.A(H) Hindi 1st year

College	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	70	68	66	63	63	63	60	57
Ramanujan	70	70	65	60	60	60	60	55
Gargi	70-74	70-74	65-69	65-69	63	63	63	62
Maitreyi	75.8	73	67.5-68	65	63-67.5	65	63-67.5	65

Max & Min Cut-off (Category Wise)
B.A(H) Political Science 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	80-82	80	72-74	72	72-74	71	72-74	64
Dyal Singh	81	81	68	68	66	66	73	73
Gargi	88-93	88-93	84-89	84-89	81	81	81	81
LSR	97	96	94.25	94.25	93.75	93.75	95.25	95.3
Kamala Nehru	90-93	90-93	87-90	84-87	85-88	82-85	85-88	82-85

Max & Min Cut-off (Category Wise)
B.A. (H) Sanskrit 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	60	45	55	45	50	45	50	43
PGDAV	60	46	50	45	50	45	50	45
Sri Venkateswara	56	53	55	50	54	50	53	45
LSR	55	53	54	52.5	54.75	52.5	47	45
Kamala Nehru	55-60	52-57	50-55	45-48	50-55	45-50	50-55	45-47

Max & Min Cut-off (Category Wise)
B.A(Programme) 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	82	75.5	75	66	73	65	72	62.5
Ramanujan	75	73	70	64-65	65	59-60	60	54
Sri Venkateswara	90-94	88-92	85-86	84-85	86	81-83	85	81-83
PGDAV	77	75	70	65	65	63	60	58
Kamala Nehru	85-90	82.5-89	83-88	70-78	83-88	70-78	83-88	70-78

Max & Min Cut-off (Category Wise)
B.Com.(H) 1st year

COLLEGE	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	93	93	85	84	75	73	70	60
Ramanujan	92	91.5	84	82-83	82	75-76	72	60-63
Gargi	96	95.25	90	90	80	80	80	75
Sri Aurobindo	93	92	88	86	84	74	84	69
Kamala Nehru	96-98	95-97	93-95	92-94	92-94	91-93	92-94	91-93

Max & Min Cut-off (Category Wise)
B.Sc. Life Science 1st year

College	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	80	77	78	72.66	77	69	75	65
ANDC	78	75	71	69.66	68	66.66	60	57
Gargi	82	80	78	75	75	70	75	67
Sri Aurobindo	85	76.66	80	73	80	67	80	67
Dyal Singh	85	75	80	70	80	69.66	82	64

Max & Min Cut-off (Category Wise)
B.Sc Physical Science 1st year

College	GEN		OBC		SC		ST	
	Max	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
Deshbandhu	80	77.33	75	71.33	70	64	68	58
ANDC	83	79	75	72	68	62	62	53
GARGI	88	83	84	80.33	79	65	79	63
Sri Aurobindo	88	80.66	85	77.66	80	63	80	61
Dyal Singh	90	79	86	73	84	65	88	57

Max & Min Cut-off (Category Wise)
B.Sc. (H) Botany 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	82	77.6	80	76	80	73	78	70
ANDC	85	81.3	80	76	75	72	65	63
Gargi	86	83	81	77	78	74	78	69
Sri Venkateswara	89	85.66	87	84	86	72	82	71
Dyal Singh	87	82	82	77	82	73.6	84	65

Max & Min Cut-off (Category Wise)
B.Sc. (H) Chemistry 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	88	88	82	82	72	72	72	71
ANDC	92	90	86	86	78	75	65	65
Gargi	93	93	88	88	83	83	83	73
Sri Venkateswara	96	90.66	95.33	91.33	94.33	81.33	91.33	62
Dyal Singh	94	91.33	84	86	84	76	89	78

Max & Min Cut-off (Category Wise)
B.Sc. (H) Mathematics 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	85-90	85-90	82-85	82-85	75-80	74	74-78	69
ANDC	95	95	85	85	85	82.5	75	69
Kamla Nehru	95	92.5	93	88	91	81	91	81
LSR	97	95.5	96	95.5	95.25	94	93.5	70
Dyal Singh	92	89	77	84	77	77	88	70

Max & Min Cut-off (Category Wise)
B.Sc. (H) Physics 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	92	91.33	86	85.33	82	81	82	76
ANDC	94	92	88	88	80	80	70	65
Sri Venkateswara	96	94.33	94	92	93	87.33	92	83
ARSD	96	87-91.67	94	85-89.67	92	68-69.67	92	57-59.67
Dyal Singh	94	90	88	80	85	70	90	55

Max & Min Cut-off (Category Wise)
B.Sc. (H) Zoology 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	85	83.66	81	72.66	80	69	78	65
ANDC	90	84.66	85	80	78	75	70	68
Sri Venkateswara	94	90	92	89	90	78	87	76
Shivaji	88	86	86	82	83	73	83	69
Dyal Singh	86	82	81	81	81	77	83	74

Max & Min Cut-off (Category Wise)
B.Sc. Physical Science (Industrial Chemistry) 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	75	74.66	72	71	71	66.66	70	60
ARSD	91	80-81.67	89	79-79.67	86	69-71.67	86	60-66.67

Max & Min Cut-off (Category Wise)
B.Sc. (H) Physical Science (Computer Science) 1st year

College	GEN		OBC		SC		ST	
	Max	Min	Max	Min	Max	Min	Max	Min
Deshbandhu	80	78	78	74.3	73	68	73	64
ANDC	89	84.3	81	75.6	74	69	68	53
ARSD	94	88-93	92	80-81	88	65-67.67	88	64-68.67
Deen Dayal Upadhyaya	86	83	81	78	76	69	76	56

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

The Admission, Workload and Planning (AWP) Committee comprising of teachers in-charge of all departments & some special invitee members reviews the admission process and chalks out a summary regarding subject wise cut off percentage for each course. Detailed information relating to the admission is displayed on the notice board and is strictly followed as per the rules of University of Delhi.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- **SC/ST**
- **OBC**
- **Women**
- **Differently abled**
- **economically weaker sections**
- **Minority community**
- **Any other**

The College strictly follows the reservation policy of Govt. of India. Reservation is ensured for all categories as per the UGC norms. The College has constituted the **Special Categories Enabling Committee** to provide assistance to all the reserved category students at the time of admission.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

UNDER GRADUATE PROGRAMMES 2013-14

Programmes	Number of Applications	Number of Students Admitted	Demand Ratio
B.Sc.(H) Courses			
1. Bio- Chemistry	16566	75	221:1
2. Botany	14765	303	49:1
3. Chemistry	45784	236	194:1

4. Mathematics	34035	429	79:1
5. Physics	31224	355	88:1
6. Zoology	37656	234	161:1

B.A.(H) Courses			
1.Economics	63389	162	391:1
2.English	83805	185	453:1
3.Hindi	34664	232	149:1
4.History	28872	392	74:1
5.Political Science	30650	470	65:1
6.Sanskrit	13820	182	76:1
B.Com.(H)	59978	187	321:1

UNDER GRADUATE PROGRAMMES 2012-13

Programmes	Number of Applications	Number of Students Admitted	Demand Ratio
B.Sc.(H) Courses			
1 Bio- Chemistry	6161	52	118:1
2. Botany	8578	190	45:1
3. Chemistry	22864	108	212:1
4. Mathematics	25637	249	103:1
5. Physics	22331	189	118:1
6. Zoology	9745	190	51:1
B.Sc.(Prog.) Courses			
1.Industrial Chemistry	8913	160	56:1
2.Life Science	10649	178	60:1
3.Physical Science/ Computer Science	13572	297/151	46:1/90:1
B.A.(Prog.) Course	27349	538	51:1
B.A.(H) Courses			
1.Economics	23073	175	132:1
2.English	25360	164	155:1
3.Hindi	13031	180	72:1

4.History	15284	257	59:1
5.Political Science	19363	316	61:1
6.Sanskrit	3659	121	30:1
B.Com.(H)	30590	146	209:1

UNDER GRADUATE PROGRAMMES 2011-12

Programmes	Number of Applications	Number of Students Admitted	Demand Ratio
B.Sc.(H)Courses			
1. Bio- Chemistry	5994	57	105:1
2. Botany	8995	147	61:1
3. Chemistry	21210	132	161:1
4. Mathematics	23861	209	114:1
5. Physics	19387	184	105:1
6. Zoology	9873	124	80:1
B.Sc.(Prog.) Courses			
1.Industrial Chemistry	8176	157	52:1
2.Life Science	9968	140	71:1
3.Physical Science/ Computer Science	14122	239/156	59:1/ 90:1
B.A.(Prog) Course	25209	470	54:1
B.A.(H) Courses			
1.Economics	21112	176	120:1
2.English	26109	134	195:1
3.Hindi	10098	170	59:1
4.History	14331	255	56:1

5.Political Science	17518	240	73:1
6.Sanskrit	3842	104	37:1
B.Com.(H)	31634	131	241:1

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently- abled students and ensure adherence to government policies in this regard?

Appropriate measures are taken by the college for the differently-abled students based on their special needs/demands. Differently-abled friendly toilets have been constructed. Ramps have been provided for easy movement of these students.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process?

Yes, during the admission process an Enquiry Desk is set–up to guide and counsel the admission seekers about the different options available in the college. The College organises the Orientation programme on the first day of academic session every year to apprise the freshers with the college culture, co-curricular and extra-curricular activities, different committees, sports, examination outline and other facilities available in the campus. Faculty members interact with students according to their departments. They inform them about the course contents, attendance rules, assessment rules and career option for their respective subject.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

All departments take few introductory classes to bridge the knowledge gap of the enrolled students to enable them to cope up with the programme of their choice. Simplified versions of books are recommended to them. Enrichment courses like personality development programmes are also conducted to improve students' personality and motivate them for an innovative and creative mind-set.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

The Dramatics Society of the College actively organizes street plays targeting the cross-cutting issues like Gender Sensitization, Human rights etc. Eco-Club and NSS unit also organize many programmes, like tree plantation, cleanliness-drive to sensitize its staff and students on issues of environment.

2.2.5 How does the institution identify and respond to special educational / learning needs of advanced learners?

Faculty members identify educational/learning needs of advanced learners through: Classroom presentations, assignments, group discussions & class tests. They provide them guidance for advanced reference books. The advanced learners are encouraged to take part in activities such as quizzes, essay writing etc. They are encouraged to acquire new and advanced information through the internet to bring out their full potential. The creative abilities of the students are given vent through the college magazine, poster making competitions etc.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The College does not collect such data. Individual staff members and students report such cases to the administration. All the possible help is extended to them. The College provides Student aid fund to economically weaker sections

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

The academic calendar released by the University of Delhi is followed in totality by the college. The same academic calendar is published in the college prospectus and also uploaded on the college website before the beginning of the session of every academic year. It provides a plan for the academic year to the teachers & the students. Master timetable is prepared and displayed on the notice board. Teacher in-charge of each department prepares the time table for its members. A copy of the timetable of all the teachers is submitted to the Principal.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

Since the College is applying for the Cycle 1 accreditation IQAC cell has not been constituted. The College has a plan to start the same from the next academic session.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

At Deshbandhu, students have always been the center of all its academic and co-academic endeavors. All possible efforts are made to ensure their fullest growth and development in a safe and congenial environment. The College offers lot of support services to its teachers for making the learning student centric. The College campus is Wi-Fi enabled and a well-stocked library which is connected with Delhi University Wide Area Campus Networking System and provides access to electronic resources to its users from DULS and UGC-INFONET Consortium. The faculty uses this new and modern ICT infrastructure to provide comprehensive and latest information to the students. Students are also encouraged to use the library independently which enhances their knowledge.

The use of internet and computers by the staff and students keep them well-informed of the latest developments in their respective field of study. Apart from it, the co-curricular activities such as seminars/workshops/conferences/debates, extracurricular activities such as cultural/sports activities and extension activities like NSS and NCC activities are undertaken by the college to develop interactive learning.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The creativity is nurtured by organizing several competitions like slogan writing, cartoon making, painting, rangoli, poster making, photography and dramatics by different societies of the college. Botanical society conducts "Prayog Pratiyogita" for students of Botany in their practical classes to assess them. The annual inter-college botanical festival holds many competitions such as Flower Arrangement, Collage Making, Basket Making, Sketch a Live Specimen etc. Various departments arrange for educational trips.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The teaching-learning technologies and facilities available and used by the faculty for effective teaching are:

- Modern teaching aids like LCD projectors.
- ICT enabled classrooms.
- Internet access for improving the teaching-learning system by UGC-INFONET.

- Advanced Softwares like Mathematica 9.0, Matlab 2014a, JAWS, SPSS 14.0. (provided by the University of Delhi)

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

The College conducts lectures and seminars by experts on various issues in which faculty members and students are encouraged to participate and acquire benefits. The teachers go for refresher and orientation courses. Over the years the faculty members have been participating in the conferences and also presenting papers at national and international level seminars.

2.3.7 Detail (process and the number of students \ benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

The faculty members of the college are engaged both in the academic and personal counseling of the students regarding the choice of subjects during admission. Experts from various fields are invited to deliver motivational lectures. To add, the college teachers really act as a true friend, philosopher and a guide for the students.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faulty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The College encourages the teachers to keep themselves abreast of the latest developments in their respective fields. They are encouraged to use computers, Internet and library resources to enrich their teaching. The College faculty is also provided training for use of computers, latest software so that they can themselves create modern teaching aids to be used in their classrooms.

2.3.9 How are library resources used to augment the teaching- learning process?

The College library has provided impetus to its services with the introduction of new and modern ICT infrastructure. It provides various services such as Reference service, Circulation service, Reprographic service, Assistance in searching database etc. The Library also provides access to electronic resources from DULS & UGC-INFONET. Users can access the e-resources under N- List programme. User Orientation & Awareness Programme is conducted on the commencement of each academic session.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

The Curriculum prescribed by the University for every year is completed by the faculty members within the time frame. However if in any case the college faces challenges in completing the curriculum, extra theory and practical classes are taken by the faculty members of the respective departments for the completion of the course contents within the time frame.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

The quality of teaching-learning is monitored by the Principal and teachers in-charge of all departments and issues, if any, are discussed in the Staff Council meeting.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management(recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

The regular faculty members as Assistant Professor are selected as per the guidelines of UGC through open advertisement. Recently a large number of vacancies have come up due to sanction of extra posts in view of OBC expansion. The vacancies are advertised in leading Newspapers. Eligible candidates as per criteria defined by the University are called for interview.

The selection committee comprises of the Governing Body Chairman, the Principal, four subject experts nominated by the Vice-Chancellor and one senior subject teacher of the college. Governing Body approves the recommendation of Selection Committee and appoints the teacher. The College has qualified teachers to handle the classes.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers			32	45	33	27	137
D.Sc./D.Litt.							
Ph.D.			28	33	17	17	
M.Phil.			2	6	13	4	
PG			2	6	3	6	
Temporary teachers					33	48	81
Ph.D.					18	22	
M.Phil.					6	13	
PG					9	13	
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The faculty members of the College remain in touch with the senior faculty members of the affiliating University. Teachers consult and take advice from them as required for coping with the scarcity of senior faculty. The College also arrange guest faculty to teach new courses.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes during 2010-2014

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	17
HRD programmes	---
Orientation programmes	16
Staff training conducted by the university	14
Staff training conducted by other institutions	08
Summer/ winter schools, workshops, etc.	13

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- **Teaching learning methods/approaches**
- **Handling new curriculum**
- **Content/knowledge management**
- **Selection, development and use of enrichment materials**
- **Assessment**
- **Cross cutting issues**
- **Audio Visual Aids/multimedia**
- **OER's**
- **Teaching learning material development, selection and use**

- ICT workshops in collaboration with Institute of Life Long Learning(ILLL), University of Delhi were organised.
- User Orientation Programme was conducted by the college library.

c) Percentage of faculty

* **invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies :** 15%
* **participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies :** 39%
* **presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies :** 33%

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The College extends full support to its faculty members to pursue research by providing space for research labs. Study/Sabbatical leave is approved. Faculty members have received grants for research projects from UGC, University of Delhi, Department of Science & Technology (DST), Govt. of India and other funding agencies. Teachers are also engaged in P.G. level teaching & research activities with national/ international institutes.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

One teacher of the college has received Distinguished Teacher Award from University. Such achievements of the faculty members are printed in the annual report of the college.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

The College has not introduced evaluation of teachers by the students and external Peers using the model questionnaire.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The evaluation processes are incorporated in the annual prospectus of the college. Annual prospectus is uploaded on the college website. At the beginning of the semester, teachers in-charge and faculty members inform the students about it in the classroom. Notifications about evaluation processes issued by the Principal are being circulated to the classrooms and also displayed on the College notice board.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

Reforms introduced in evaluation process by the University are as below:

- Internal assessment was introduced in 2003-2004.
- Semester system was introduced in 2011-2012
- House Examination was replaced by class test and written assignments in 2011-2012

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

- Attendance is compiled month wise.
- Moderation committees of all departments and Internal Assessment Committee monitor the implementations of evaluation reforms.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

The College has adopted both formative and summative methods of evaluation.

- Formative assessment based on Attendance record, classroom interactions, assignments, project work, practical session, class tests, practical classes and tutorial classes.
- Summative assessment based on the performance in House Examinations.
  When University replaced class tests for House Examination pass percentage in the University Examination increased

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Transparency is ensured in the Internal Assessment (IA). 25% of Maximum marks in each paper are assigned for IA.

IA is based on (as per the University rule)

- Written Assignments : 10%
- Class Test/Presentations : 10%
- Attendance : 05%

Credit for regularity in attending the classes for each paper is as follows (for 100 marks)

- More than 67% but less than 70% : 1 Mark
- More than 70% but less than 75% : 2 Marks
- More than 75% but less than 80% : 3 Marks
- More than 80% but less than 85% : 4 Marks
- More than 85% : 5 Marks

2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

The College aspires to have a transformational impact on students through comprehensive education by inculcating qualities of competence, confidence and excellence. The College ensures the attainment of these by the students through its curricular and co-curricular activities, extension and outreach programmes.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The mechanism for Grievance Redressal regarding IA is as given below:

- Teachers clarify any point raised by any student regarding evaluation of unit tests, assignments and attendance. Members of moderation committee of the department concerned extend all possible help.
- Internal Assessment Committee does the rectification if required.
- At University level students can apply for revaluation.

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

The College's approach to the learning outcomes is defined clearly in college prospectus and available on the college website.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The College monitors and communicates the progress and performance of the students through internal assessment method. As per guidelines of the University, Faculty members conduct Class tests of their subjects. Students are asked to submit assignments and projects. The record of the whole evaluation process is transparent. Students are shown their answer scripts. In case of any discrepancy students are free to discuss with the teacher concerned. Internal Assessment is prepared on the proforma listing the marks of the students in assignments, class test and attendance. Students are asked to sign on the assessment proforma.

Analysis of the Students Results (Last Four Years)

Course Wise Details Pass Percentage				
Course	2010-2011 %	2011-2012 %	2012-2013 %	2013-2014
B.Sc.(H)Bio-Chemistry- I	100	57.14	96	100
B.Sc.(H)Bio-Chemistry- II	100	93.75	100	75
B.Sc.(H)Bio-Chemistry- III	100	75	90.9	100
B.Sc.(H)Botany- I	100	73.13	85.29	93.29
B.Sc.(H)Botany- II	75	76.31	94.11	80.23
B.Sc.(H)Botany- III	75	84.3	64.2	36.5
B.Sc.(H)Chemistry- I	100	71.42	100	94.25
B.Sc.(H)Chemistry- II	87.87	98.50	96.15	81.48
B.Sc.(H)Chemistry- III	70	89.6	35.8	24.6
B.Sc.(H)Physics- I	97.34	81.96	95.29	98.33
B.Sc.(H)Physics- II	92.0	77.65	91.30	83.33
B.Sc.(H)Physics- III	92.8	95.6	28.9	31.7
B.Sc.(H) Zoology- I	100	78	82.43	90.07
B.Sc.(H)Zoology- II	89.65	94.28	90.47	88.33
B.Sc.(H) Zoology- III	85	96.2	59.3	56
B.Sc.(Prog.) Physical Science- I	79.27	60	100	*
B.Sc.(Prog.) Physical Science- II	34.24	98.79	80	64.58
B.Sc.(Prog.) Physical Science- III	62.5	41.6	21.7	22.47
B.Sc.(Prog.) Computer Science- I	88.52	67.14	95.23	*
B.Sc.(Prog.) Computer Science- II	56.25	98	78.72	60

B.Sc.(Prog.) Computer Science- III	46.4	62.5	21.7	76.56
B.Sc.(Prog.) Life Sciences- I	76.66	91.52	96.36	*
B.Sc.(Prog.) Life Sciences- II	51.8	98.0	93.54	73.26
B.Sc.(Prog.) Life Sciences- III	62.5	100	37.1	42.85
B.Sc.(Prog) Industrial Chemistry- I	83.09	89.04	91.66	*
B.Sc.(Prog.) Industrial Chemistry- II	71.42	93.10	89.58	81.35
B.Sc.(Prog.) Industrial Chemistry- III	68	44	57.8	40
B.Sc.(H)Mathematics- I	76.92	61.26	95.96	97.45
B.Sc.(H)Mathematics- II	100	90.27	81.81	87.59
B.Sc.(H)Mathematics- III/B.A(H) IIIrd year	40.9/87.5	76.4	58.3	82.08

Course Wise Details				
Course	2010-2011	2011-2012	2012-2013	2013-2014
B.A.(H)English-I	76.59	100	98.80	92.45
B.A.(H)English- II	78.04	88.57	100	86.41
B.A.(H)English- III	81	68.4	87.5	60
B.Com.(H)Commerce- I	70.58	96.5	100	98.46
B.Com.(H)Commerce- II	92.85	96.42	100	94.87
B.Com.(H)Commerce- III	96.6	97.2	92.5	97.5
B.A.(H)Economics-I	66.12	100	92.75	93.44
B.A.(H)Economics- II	93.10	94.28	77.77	88.70
B.A.(H)Economics- III	76.9	77.77	97	79.5
B.A.(H)Hindi- I	60.31	100	100	95.04
B.A.(H)Hindi- II	87.17	100	93.33	95.94

B.A.(H)Hindi- III	78.7	78.5	92.6	56.92
B.A.(H)History- I	52.88	100	88.43	95.58
B.A.(H) History- II	57.74	74.07	96.29	83.46
B.A.(H)History- III	86	93.3	93.3	88.23
B.A.(H) Political science- I	72	93.15	95.13	95.19
B.A.(H) Political science- II	95.83	91.78	92.78	91.72
B.A.(H) Political science- III	80.9	75.5	97	70.75
B.A.(H) Sanskrit- I	57.37	100	70.88	60.21
B.A.(H) Sanskrit- II	100	90	42.85	54.90
B.A.(H) Sanskrit- III	60	100	70	83.3
B.A.(Prog.)-I	93.9	87.01	97.15	*
B.A.(Prog.)- II	93.79	85.06	95.93	94.30
B.A.(Prog.)- III	82.5	64.5	77.77	54.78

*** COURSES WERE DISCONTINUED DUE TO INTRODUCTION OF FYUP**

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The teaching, learning and assessment strategies of the college are structured to facilitate the achievement of the intended learning outcomes through:

- Well-equipped laboratories.
- Well-equipped library.
- Classrooms with LCD projectors.
- Class tests, written assignments, Projects, Presentations.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude?developed among students etc.) of the courses offered?

Few measures and initiatives to enhance the social and economic relevance of the courses taken up by the College are listed below:

- A placement Cell has been set-up which helps the students to work on their skills, aptitudes, strengths and weakness. It serves as an interface between students and the corporates and works for the recruitment of the students thus shaping their future.
- NSS and NCC units of college conduct workshops and seminars.
- The college magazines provide them platform to give expression to their innovative and creative flight.
- Zoology department have set up research laboratories.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

The College collects and analyses data on student performance and learning outcomes through classroom interactions, class tests, written assignments, and projects, practical and tutorial classes. The learning outcomes of the students are analyzed in the departmental meeting with the Principal. On the basis of this data analysis, planning is done for the next academic session to overcome barriers of learning.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

The College does not have an explicit policy to monitor and ensure the achievement of learning outcomes. However all efforts are taken to monitor the academic progress of the students.

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.
Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

The College and individual teachers use the assessment / evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning The students who excel in the co-curricular and extra-curricular are given due advantage in assessment. General classroom behavior of the students is also kept in mind when evaluation of a student is undertaken.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

Yes, the affiliating university (University of Delhi) has recognized two research laboratories for perusal of Ph. D. research work under the supervision of :

- Dr. Kamal Kumar Gupta, Associate Professor in Zoology
- Dr. Indrakant K. Singh, Assistant Professor in Zoology

At present two research scholars under the guidance of Dr. Kamal Kumar Gupta and one research scholar under the guidance of Dr. Indrakant K. Singh are pursuing their Ph.D. research work

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, Composition of the committee is:

- Dr. Ajay Kumar Arora (Chairperson of the Committee), the Principal, Deshbandhu College.
- Dr. Ranjana Seth, Associate Professor in Zoology, Deshbandhu College.
- Dr. Kamal Kumar Gupta, Associate Professor in Zoology, Deshbandhu College.
- Dr. Indrakant K. Singh, Assistant Professor in Zoology, Deshbandhu College.
- Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College.

This committee monitors the issues of research in coordination with Departmental Research Committee (DRC), Department of Zoology, University of Delhi.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

- **autonomy to the principal investigator**
- **timely availability or release of resources**
- **adequate infrastructure and human resources**
- **time-off, reduced teaching load, special leave etc. to teachers**

- **support in terms of technology and information needs**
- **facilitate timely auditing and submission of utilization certificate to the funding authorities**
- **any other**

Following measures are taken by the college to facilitate smooth progress and implementation of research scheme/ project:

- A bank account in the name of Project is opened. When the grants are received from the funding agency funds are transferred to the bank account of the project.
- The Principal Investigator has full autonomy subject to General Financial Rules (GFR) to utilize the funds.
- Yes, there is always timely availability or release of resources. Adequate infrastructure and human resources are provided.
- Periodic progress report of each project is monitored by the Principal and same is forwarded to the funding agency.
- On completion of the Project an audit is carried out by a Chartered Accountant and Utilization Certificate is submitted to the funding agency.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The College selects 10 students from Science departments on the basis of their aptitude for research under Innovation project funded by University of Delhi. At present eight innovation projects of interdisciplinary nature are going on.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

List of Faculty Members involved in Guiding Student Research

Sr. No	Name of Faculty Member	Department	No of students guided for M.Phil.	No of students guided for Ph.D.
1.	Dr. Sunita Sarin	English	02(Degree Awarded)	--
2.	Mr. Krishnan Unni P.	English	02 (Pursuing)	--
3.	Dr. Bajrang Bihari Tiwari	Hindi	--	04(Pursuing)
4.	Dr. Bikram Singh	Hindi	--	01(Degree Awarded) 04(Pursuing)
5.	Dr.Lalit Mohan	Hindi	--	01(Pursuing)
6.	Dr. Sanjeev Kumar	Hindi	--	05(Degree Awarded) 04(Pursuing)
7.	Dr. Navin Chandra	Mathematics	--	03 (Pursuing)
8.	Dr. Biswajit Mohanty	Political Science	--	01(Degree Awarded) 03 (Pursuing)
9.	Dr.K.S.Bhatia	Punjabi	--	01(Pursuing)
10.	Dr. G.C. Pant	Sanskrit	19 (DegreeAwarded)	19 (Degree Awarded) 03 (Pursuing)
11.	Dr. Kamal Kant Gupta	Zoology	--	02 (Pursuing)
12.	Dr. Indrakant K. Singh	Zoology	--	01 (Pursuing)

List of Research Projects

Sr. No	Title of the Research Project	Principal Investigator	Funding Agency/Duration
1	Influence of certain plant extracts on reproductive behaviour and physiology of *Dysdercus koenigii*	Dr. Kamal Kumar Gupta Associate Professor Department of Zoology	UGC under the scheme financial assistance for major research project 2009-2012
2	Development of Generic Irradiation Doses for Phytosanitary Treatment of Mealy Bug Spp. Infesting Agricultural Commodities'(IAEA Contract No. 15852/RB)	Dr. Ranjana Seth Associate Professor Department of Zoology	International Atomic Energy Agency (IAEA), Vienna 2009-2015
3	Grafting of polylactamide (PVP) and DNA bases with silicon: Application to biophysics, biosensors and development to biotechnology	Dr. Sushila Singhal Assistant Professor Department of Chemistry	UGC 2010-2014
4	Identification and characterization of genes involved in defense against *Spodoptera litura* from Maize (*Zea mays*)	Dr. Indrakant K. Singh Assistant Professor Department of Zoology	DST, Govt. of India under Start-up Research Grant (Young Scientists) from SERB 2013-2016
5	**दलित साहित्य की अवधारणा और उसके अन्तर्विरोध**	Dr. Lalit Mohan Associate Professor Department of Hindi	UGC 2012-2014
6	General Elections-2009: An Empirico-Interpretative Study of Public Opinion in Delhi	Dr. Biswajit Mohanty Associate Professor Department of Political Science	UGC 2009-2011
7	Imbeddings and Fourier Inequalities in Grand Lebesgue and Lorentz Spaces	Dr. Pankaj Jain Associate Professor Department of Mathematics	DST 2009-2013

List of Innovation Projects funded by University of Delhi

Code No	Title of the Project	Principal Investigator/ Faculty Member	Department
DB-101	Effect of plant extracts on the midgut microbial flora of *Aedes aegypti*. (2012-2013)	Dr. Kamal Kumar Gupta Associate Professor	Zoology
		Dr. Varsha Baweja Assistant Professor	Zoology
		Dr. Meenakshi Prajneshu Associate Professor	Botany
DB-102	Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and techniques to eradicate them by using absorption and adsorption techniques involving biodegradable materials (2012-2013)	Dr. Vivek Saxena Associate Professor	Chemistry
		Dr. Sushila Singhal Assistant Professor	Chemistry
		Ms. Manju Rani Assistant Professor	Physics
DBC- 201	Impact of electromagnetic radiations on the behavioural response of dengue fever vector *Aedes aegypti*. (2013-2014)	Dr. Kamal Kumar Gupta Associate Professor	Zoology
		Dr. Ravi Kant Associate Professor	Zoology
		Dr. Ajay Kumar Arora (Principal)	Physics
DBC-202	Generation of electrical energy by non-conventional methods to operate Low Power devices (2013-2014)	Mr. Ajay Pratap Singh Assistant Professor	Physics
		Dr. Ajay Kumar Assistant Professor	Physics
		Dr. Manisha Sengar Assistant Professor	Zoology
DBC-203	Study and improvement of various existing and development of new devices harnessing renewable energy resources to make them cheaper, more energy efficient and user friendly (2013-2014)	Dr. Vivek Saxena Associate Professor	Chemistry
		Dr. U.P. Tyagi Associate Professor	Physics
		Mr. Jugmendra Singh Assistant Professor	Chemistry
DBC-204	Use of photo galvanic cell for the solar energy conversion and storage in electrical energy (2013-2014)	Mr. Mahesh Chandra Meena Assistant Professor	Chemistry
		Dr. Deo Nandan Kumar Associate Professor	Chemistry
		Mr. Chhotu Ram Meena Assistant Professor	Hindi

Code No	Title of the Project	Principal Investigator/ Faculty Member	Department
DBC-205	A Study of Crop Yield pattern with Climate Change based on various Physical Parameters like Temperature, Rainfall, Humidity, Greenhouse Gases Emission, etc. in Western Uttar Pradesh to make future predictions for better Crop Management and Yield (2013-2014)	Dr.Aditya Saxena Assistant Professor	Physics
		Ms. Manju Rani Assistant Professor	Physics
		Mr. Surendra Pratap Singh Assistant Professor	Physics
		Mr.Manoj Kumar Assistant Professor	Mathematics
DBC-206	Impact of Climate Change on Various Physical Parameters of weather in a Highly Polluted Area Versus Relatively Pollution Free Area (2013-2014)	Dr. Pankaj Singh Assistant Professor	Physics
		Dr. Rajender Kumar Assistant Professor	Botany
		Dr. Amit Choudhary Assistant Professor	Physics
DBC –207	Synthesis of blends from biodegradable materials based on absorption of toxic metals (2013-2014)	Dr. Manju Rani Choudhary Associate Professor	Chemistry
		Dr. Sushila Singhal Assistant Professor	Chemistry
		Mr. Chandra Shekhar Assistant Professor	Mathematics
DBC-208	Influence of plant extracts on the reproductive physiology and behaviour of *Aedes aegypti"* (2013-2014)	Dr. Ranjana Seth Associate Professor	Zoology
		Dr. Varsha Baweja Assistant Professor	Zoology
		Dr. Meenakshi Prajneshu Associate Professor	Botany

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

Workshops/training programmes/ conferences/symposium organised by the college in last four years are:

- "National Symposium on Recent Advances in Immunology" at Deshbandhu College on Jan 30, 2009.
- National symposium on current trends in genomics and proteomics, 4th and 5th Feb 2010.
- International conference on "Understanding Schopenhauer through the Prism of Indian Culture: Philosophy, Religion and Sanskrit Literature" in Collaboration with the Special Center for Sanskrit Studies, JNU sponsored by Schopenhauer Gesellschaft, JNU, MMB and Indian Council of Philosophical Research (ICPR) from March 4-5, 2010 at JNU, New Delhi.
- The Assam Chapter of Indian division of Schopenhauer Society (IDSS) organized a Round table at Guwahati University from 26-29 October 2010, on the occasion of 85th session of IPC in collaboration with IDSS.
- Workshop cum Training Programme on "Modern Trends in Celestial Mechanics and Astronomy(WMTCMA) sponsored by DST,ISRO, CSIR, IUCAA and TIFR at Conference Centre ,University of Delhi from March 17-19,2010.
- "Inspire Internship- 2012" (for XI Class Science Students) Sponsored by Department of Science and Technology, Government of India at Deshbandhu College, University of Delhi from October 1-5, 2012.
- National Symposium on "Vector Biology and Vector Management" on July 21, 2013 at Deshbandhu College, Kalkaji.
- "Inspire Internship- 2013" (for XI Class Science Students) Sponsored by Department of Science and Technology, Government of India at Deshbandhu College, University of Delhi from December 16-20, 2013.
- The Ramanujan Mathematical Society Under Graduate Teachers Enrichment (RMS-UGTE) Workshop on "Finite Group Theory and Applications" from February 7- 9, 2014 at Deshbandhu College.
- Science Academies Lecture Workshop on " Computer Science and Differential Equations" from , March 7-8,2014
- "National workshop on Applied Genomics and Proteomics" from 12-14th March 2014 for the faculty members of various colleges from Delhi and outside at Deshbandhu College, New Delhi.
- "Inspire Internship- 2014" (for XI Class Science Students) Sponsored by Department of Science and Technology, Government of India at Deshbandhu College, University of Delhi from October 8-12, 2014.
- National Symposium on "Environment: Challenges and Awareness" on Nov 5, 2014 at Deshbandhu College, Kalkaji.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

List of expertise with their prioritised area for research:

- **Mr. Krishnan Unni P. (English)**, Latin American, Literary Theory, Discourse on Public Sphere and Alternative Forms of Polity, Third World Films and Fiction.
- **Dr. Sunita Sarin (English) -** Victorian Fiction.
- **Dr. Sanjeev Kumar (Hindi) –** Hindi Katha Sahitya.
- **Dr. Bikram Singh (Hindi) -** Poetics, Aesthetics, Criticism.
- **Dr. Bajrang Bihari Tiwari (Hindi) -** Bhakti Poetry (Medieval Hindi Literature).
- **Dr. Lalit Mohan (Hindi) –** Dalit Sahitya.
- **Dr. Navin Chandra (Mathematics) –** Space Dynamics.
- **Dr. Biswajit Mohanty (Political Science) -** Election Studies; Development Studies.
- **Dr. K.S.Bhatia (Punjabi) -** Modern Punjabi Poetry.
- **Dr. G. C. Pant (Sanskrit) -** Sanskrit Poetics, Modern Sanskrit Literature.
- **Dr. Kamal Kumar Gupta (Zoology) -** Entomology: Insect Reproductive behaviour and Physiology, Vector biology and Management.

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

- Various departments of Deshbandhu College regularly organize conferences, seminars and workshops in order to rope in researchers of eminence to visit the campus and interact with teachers and students. Following is the list of the distinguished visitors:

Department of Bio- Chemistry:

- Dr. Vani Brahmachari, Ambedkar Center for Biomedical Research, Delhi.
- Dr. Vinay Nandicoori, National Institute of Immunology, Delhi.
- Dr. Anurag Agrawal, Institute of Genomics and integrative Biology, Delhi
- Dr. Ashwani Pareek, Jawahar Lal Nehru University, Delhi.
- Dr. Suneeta Saxena, Indian council of Medical Research, Delhi.
- Dr. T. S. Rao, Department of Biotechnology, Delhi.
- Dr. Somdutta Sen, The Center for Genome Applications, Delhi.
- Dr. H. S. Misra, Bhabha Atomic Research Center, Mumbai.

Department of Botany:

- Prof. J. P. Khurana, Department of Plant Molecular Biology, South Campus, University of Delhi.
- Dr. Dinabandhu Sahoo, Department of Botany, University of Delhi.

- Dr. M. Gopalakrishnan, Secretary General, International committee on Irrigation and Drainage, New Delhi.
- Prof. N.S. Rangaswamy, Department of Botany, University of Delhi.
- Dr. Prem Lal Uniyal , Department of Botany, University of Delhi.
- Dr. Rajendra Gupta, Centre for Science and Culture.

Department of Chemistry

- Prof. B. S. Garg, Department of Chemistry, University of Delhi.
- Prof. A. K. Prasad, Department of Chemistry, University of Delhi.
- Dr V.N.Sehgal, Ex. Director, CBI, Govt of India.
- Dr Kshopra Mishra, Scientist F, DRDO.

Department of Hindi

- **प्रो० नामवर सिंह- कुलाधिपति,महात्मा गाँधी अन्तरराष्ट्रीय हिन्दी विश्वविद्यालय,वर्धा**
- **प्रो० वी० एस० कुमार- पूर्व कुलपति, दरभंगा संस्कृत विश्वविद्यालय**
- **अशोक वाजपेयी- पूर्व कुलपति, म०गा०हिं० विश्वविद्यालय, वर्धा, पूर्व-अध्यक्ष, संगीत नाटक अकादमी**
- **यशवंत मनोहर-वरिष्ठ मराठी रचनाकार, नागपुर**
- **ओमप्रकाश वाल्मीकि- चर्चित दलित रचनाकार,देहरादून**
- **प्रो० मैनेजर पाण्डेय- पूर्व-अध्यक्ष, भारतीय भाषा केन्द्र जनेवि, दिल्ली**
- **प्रो० रूपरेखा वर्मा- पूर्व कुलपति, लखनऊ विश्वविद्यालय**
- **प्रो० राधावल्लभ त्रिपाठी- अध्यक्ष संस्कृत विभाग, हरी सिंह गौर विश्वविद्यालय, सागर**
- **प्रो० वागीश शुक्ल- आइ आइ टी, दिल्ली**
- **मदन सोनी- संपादक, पूर्वग्रह, भारत भवन**
- **विमल थोरात- प्रसिद्ध दलित नारीवादी चिंतक**
- **प्रभा खेतान- उपन्यासकार व नारीवादी चिंतक**
- **अनामिका- कवयित्रीव नारीवादी चिंतक**
- **चारु गुप्ता- इतिहासकार, दिल्ली विश्वविद्यालय**
- **नंदकिशोर आचार्य- प्रसिद्ध साहित्यकार व चिंतक**
- **प्रो० नित्यानंद तिवारी- पूर्व अध्यक्ष, हिंदी विभाग, दिल्ली विश्वविद्यालय**
- **विश्वनाथ त्रिपाठी- प्रसिद्ध आलोचक और रचनाकार, दिल्ली**
- **विष्णु नागर- प्रसिद्ध कवि,संपादक, शुक्रवार**
- **दिनेश कुमार शुक्ल- प्रसिद्ध कवि**
- **प्रो० अब्दुल बिस्मिल्लाह- प्रसिद्ध रचनाकार व प्रोफेसर, जामिया मिल्लिया विश्वविद्यालय दिल्ली**

Department of Mathematics

- Prof. Aarseth S; Cambridge University, U.K.
- Prof. Adimurthy V; Associate Director at the Vikram Sarabhai Space Centre(VSSC), a major facility center of Indian Space Research Organisation (ISRO), India.
- Dr. S.M.Alladin; Reader- Associate Astronomer, Department of Astronomy, Osmania University, Hyderabad .
- Prof. Ajit Kembhavi ; Director and Distinguished Professor at the Inter- University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. J. V. Narlikar ; Emeritus Professor at at the Inter- University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. K.B. Bhatnagar; Centre for Fundamental Research in Space Dynamics and Celestial Mechanics, India.
- Prof. R . K. Sharma; Applied Mathematics Division,Vikram Sarabhai Space Centre(VSSC), a major facility center of Indian Space Research Organisation(ISRO), India.
- Prof. V. Arvind; Department of Theoretical Computer Science, Institute of Mathematical Sciences (IMSc), Chennai.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute (HRI), Allahabad.
- Prof. N.S.Narasimha Sastry, Theoretical Statistics and Mathematics Unit ,Indian Statistical Institute(ISI), Bangalore.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute(HRI),Allahabad.
- Prof. Ayan Mahalanobis, Department of Mathematical Sciences, Indian Institute of Science Education and Research(IISER),Pune.
- Prof. Ajit Iqbal Singh, INSA Honorary Scientist, Indian Statistical Institute,7,S.J.S. Sansanwal Marg, New Delhi.
- Prof. Phoolan Prasad, Indian Institute of Science(IISc),Bangalore**.**
- Prof V. D. Sharma, Indian Institute of Technology Bombay, Mumbai.
- Prof. Anshul Kumar, Indian Institute of Technology, Delhi.
- Prof. Naveen Kumar, Department of Computer Science, University of Delhi.
- Mr. Tushar Patnaik, Expert from Centre for Development of Advanced Computing, Noida.

Department of Philosophy

- Prof Matthias Kossler, Johannes Gutenberg University of Mainz, Germany.
- Prof. Guenter Zoeller, Munich University, Germany.
- Dr Ruffing, Johannes Gutenberg University of Mainz, Germany.
- Prof. N. N. Chakravorty, MS, ICPR.
- Prof. S. R. Bhatt, University of Delhi.
- Prof. R. C. Pradhan, Hyderabad University.
- Prof R K Gupta, IIT ,Kanpur.
- Prof. Thomas Regehley, Frankfurt Schpenhauer Society Division, Germany.
- Prof. Yasuo Kamata, Kyoto University, Japan.
- Prof. Guenter Zoeller, Munich University, Germany.

Department of Zoology

- Dr. Neena Valecha, Scientist G & Director, National Institute of Malaria Research, Sector-8, Dwarka, New Delhi.
- Dr. A.C. Dhariwal , Director, National Vector Borne Disease Control Programme (NVBDCP).
- Dr. Raj Bhatnagar, ICGEB, New Delhi.
- Dr.P.K. Srivastava, Joint Director, Directorate of National Vector Borne Disease Control Programme (NVBDCP).
- Dr. Nutan Nanda, Scientist F, National Institute of Malaria Research (ICMR), Sector-8, Dwarka, New Delhi.
- Dr. S.K.Sharma, Scientist-F, National Institute of Malaria Research (ICMR),Sector-8, Dwarka, New Delhi.
- Dr. Pawan Malhotra, Staff research Scientist, ICGEB. New Delhi.
- Dr. B.N. Nagpal, Scientist F, NIMR,Sector-8, Dwarka,New Delhi.
- Dr. R.D. Gautam, Professor of Entomology (Retd.), Indian Agricultural Research Institute, New Delhi.
- Prof. Umesh Rai, Director South Campus, University of Delhi.
- Mr. Ajay Raghava, Deputy Director, The Ministry of Environment & Forests(MoEF).
- Prof. K. S. Rao , Department of Botany, University of Delhi.
- Dr. B. C. Sabata , Department of Environment, Delhi Government.
- Mr. Aditya Batra, Centre for Science and Environment.
- Prof. Rup Lal, Department of Zoology, University of Delhi.

- "**Inspire Internship- 2012,2013,2014"** (for XI Class Science Students) Sponsored by Department of Science and Technology, Government of India at Deshbandhu College, University of Delhi.

List of Mentors

- Dr. A. Mukhopadhyay, Scientist G & Advisor, Head- INSPIRE, Department of Science & Technology, Government of India.
- Prof. (Dr.) K. C. Bansal, Director , National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi – 110012
- Prof. (Dr.) R. P. Tandon, Chairman, Department of Physics and Astrophysics, University of Delhi.
- Prof. (Dr.) M. M. Chaturvedi, Dean Research (Life Science), Director, Cluster Innovation Centre, Department of Zoology, University of Delhi.
- Prof. (Dr.) Geetha Venkataraman, Professor, School of Undergraduate Studies and School of Liberal Studies, Ambedkar University ,Delhi.

- Prof (Dr.) Avinashi Kapoor, Professor & Head, Department of Electronics, University of Delhi (South Campus).
- Prof (Dr.) Seyed E. Hasnain**,** Former Director CDFD, Former Vice-Chancellor, Hyderabad University, Kusuma School of Biological Sciences, Indian Institute of Technology Delhi.
- Prof. B. K. Das, Department of Mathematics, University of Delhi
- Prof. R. N. K. Bamezai**,** Former Vice Chancellor, SMVDU, Katra, Jammu, Professor of Genetics and Director (Coordinator) National Centre of Applied Human Genetics, , School of Life Sciences, Jawaharlal Nehru University, New Delhi.
- Prof. (Dr.) G. V. R. Prasad (Bhatnagar Awardee),Centre for Advanced Studies, Department of Geology, University of Delhi.
- Prof. Jitender P. Khurana, Former Head, Department of Plant Mol. Biology, University of Delhi (South Campus)
- Prof. (Dr.) Sreenivas Kondepudy, Professor , Department of Physics, University of Delhi.
- Dr. S. P. Singh, Scientist, National Physical Laboratory.
- Prof. Bhudev Chandra Das, Former Director, ACBR-DU, Chairman & H. G. Khorana Chair Professor, (AIMMSCR) Amity University , Uttar Pradesh.
- Prof. B Jayaram, Department of Chemistry, IIT, New Delhi.
- Prof. S. K. Tandon (Bhatnagar Awardee), Professor of Geology, Former Pro Vice Chancellor, University of Delhi.
- Dr. C. S. Lalitha , Department of Mathematics, University of Delhi (South Campus).
- Dr. Dileep K Singh, Associate Professor, Department of Zoology, University of Delhi.
- Prof. Neeta Sehgal, Professor and Head , Department of Zoology, University of Delhi.
- Prof. Vinay Gupta, Department of Physics & Astrophysics, University of Delhi.
- Dr. Rajeev Gupta, Associate Professor, Department of Chemistry, University of Delhi.
- Dr. S. R. Arora, Former Principal, Hans Raj College, University of Delhi.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

University of Delhi has started the provision of Sabbatical leave for college Associate Professors from 2013. Recently one faculty member from Department of Chemistry has utilized it.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Team consisting of 04 faculty members of Zoology Department and students are working on dengue awareness programme. Department is planning to hold an awareness programme and symposium in the college campus in the month of February in collaboration with UGC.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The College provides no funds for research activities. Faculty members involved in research work have to apply for the grant of project from different funding agencies. However college supports the faculty members to attend national or international conferences/workshop being organized in India

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

No.

3.2.3 What are the financial provisions made available to support student research projects by students?

As per University Syllabi or curricula, no undergraduate program includes any research work/project; hence no financial support is provided to the students for research project. However the students engaged in innovation projects are given a stipend of Rs. 1000/- each from the grant allocated by the University for these projects.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Under the Innovation Projects Scheme of University of Delhi and UGC several faculty members have taken research projects. For each project three faculty members and ten students from Science departments are involved, which automatically ensures inter-disciplinary research.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The college ensures optimal use of the various equipment and research facilities by its staff and students by providing easy and uninterrupted access to available equipment. Research Laboratories are opened even on holidays. Internet connectivity has also been provided round the clock.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

The College has not received any such special grant so far.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Nature of the Project	Title of the Project	Duration Year From To	Funding Agency	Total Grant Sanctioned/ Received	Grant Received till date
Major Research Project (Completed)	Influence of certain plant extracts on reproductive behaviour and physiology of *Dysdercus koenigii*	2009-2012	UGC	9,01,474/-	9,01,474/-
Major Research Project (On-going)	Development of Generic Irradiation Doses for Phytosanitary Treatment of Mealy Bug Spp. Infesting Agricultural Commodities'(IAEA Contract No. 15852/RB)	2009-2015	International Atomic Energy Agency (IAEA), Vienna	€ 40,000	€ 30,000
Major Research Project (Completed)	Grafting of polylactamide (PVP) and DNA bases with silicon: Application to biophysics, biosensors and development to biotechnology	2010-2014	UGC	9,50,000/-	9,50,000/-
Major Research Project (On-going)	Identification and characterization of genes involved in defense against *Spodoptera litura* from Maize (*Zea mays*)	2013-2016	DST	25,00,000/-	15,50,000/-

Major Research Project (On - going)	**दलित साहित्य की अवधारणा और उसके अन्तर्विरोध**	2012-2014	UGC	4,30,300/-	3,15,000/-
Major Research Project (Completed)	General Election 2009: An Empirico-Interpretative Study of Public Opinion in Delhi	2009-2011	UGC	4,76,200/-	4,76,200/-
Major Research Project (Completed)	Imbeddings and Fourier Inequalities in Grand Lebesgue and Lorentz Spaces	2009-2013	DST	3,34,431/-	3,34,431/-

Inter-disciplinary Innovation Project (Completed)	Effect of plant extracts on the midgut microbial flora of *Aedes aegypti*. (DB-101)	2012-2013	University of Delhi	10,00,000/-	10,00,000/-
Inter-disciplinary Innovation Project (Completed)	Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and techniques to eradicate them by using absorption and adsorption techniques involving biodegradable materials (DB-102)	2012-2013	University of Delhi	10,00,000/-	10,00,000/-
Inter-disciplinary Innovation Project (On-going)	Impact of electromagnetic radiations on the behavioural response of dengue fever vector *Aedes aegypti*. (DBC-201)	2013-2014	University of Delhi	5,50,000/-	4,00,000/-
Inter-disciplinary Innovation Project (On-going)	Generation of electrical energy by non-conventional methods to operate Low Power devices (DBC-202)	2013-2014	University of Delhi	5,50,000/-	4,00,000/-

Inter-disciplinary Innovation Project (On-going)	Study and improvement of various existing and development of new devices harnessing renewable energy resources to make them cheaper, more energy efficient and user friendly (DBC-203)	2013-2014	University of Delhi	6,50,000/-	5,00,000/-
Inter-disciplinary Innovation Project (On-going)	Use of photo galvanic cell for the solar energy conversion and storage in electrical energy (DBC-204)	2013-2014	University of Delhi	7,00,000/-	5,50,000/-

Inter-disciplinary Innovation Project (On-going)	A Study of Crop Yield pattern with Climate Change based on various Physical Parameters like Temperature, Rainfall, Humidity, Greenhouse Gases Emission, etc. in Western Uttar Pradesh to make future predictions for better Crop Management and Yield (DBC-205)	2013-2014	University of Delhi	5,00,000/-	3,50,000/-
Inter-disciplinary Innovation Project (On-going)	Impact of Climate Change on Various Physical Parameters of weather in a Highly Polluted Area Versus Relatively Pollution Free Area (DBC-206)	2013-2014	University of Delhi	4,00,000/-	2,50,000/-
Inter-disciplinary Innovation Project (On-going)	Synthesis of blends from biodegradable materials based on absorption of toxic metals (DBC-207)	2013-2014	University of Delhi	6,00,000/-	5,00,000/-

Inter-disciplinary Innovation Project (On-going)	Influence of plant extracts on the reproductive physiology and behaviour of *Aedes aegypti"* (DBC-208)	2013-2014	University of Delhi	6,50,000/-	5,00,000/-

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

Research facilities available to the students and research scholars within the campus are as follows:

- Major Equipment/ facilities available in research Laboratory of Dr. Kamal Kumar Gupta:

- B.O.D., B.O.D. cum Shaker, Hot Air Oven, Fridge, -20 (Deep fridge), Samsung microwave oven, Stereomicroscope, Phase contrast microscope, Magnetic stirrer, Magnetic stirrer with hot plate, Weighing machine (Sartorius), Desktops, Extension Wires etc.

- Major Equipment/ facilities available in research Laboratory of Dr. Indrakant K. Singh:

- UV-Spectrophotometer-BIORAD, Thermo cycler (PCR)-BIORAD, Gel-Electrophoresis unit, Western Blotting, Electronic Balance, BOD Incubator, PH-meter, Vortex, Deep freezer, Laminar Flow, Micropipettes etc.

- Chemistry Research Laboratory**:**

- Analytical Balance, Thermostat, pH- meter, Conductivity meter/ turbidity meter, Magnetic Stirrer, UV-Photo spectrometer and Double Distillation Plant.

- Bio-Chemistry Laboratory:

- Visible Spectrophotometer, UV-Visible Spectrophotometer, Orbital Shaker Incubator with cooling, LED Binocular Microscopes, Deep Freezer (-20 degree Celsius), Laminar Air Flow Cabinet, Refrigerated Centrifuge machine etc.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

The College is planning to set up Common Instrumentation Centre (CIC) cum Incubation centre funded by University of Delhi. Proposals for up-gradation of building infrastructure have been submitted to the UGC.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments / facilities created during the last four years.

No, College has not received any such special grant so far.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

Department of Zoology, University Science Instrumentation Centre (USIC) and Instrumentation Centre at South Campus, University of Delhi which has advanced research facilities are accessible to college teachers and students. Students can also avail the facility of University Computer Centre and Library.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

The College library has provided impetus to its services with the introduction of new and modern ICT infrastructure. The library has well equipped reading room. It is connected to Wi-Fi network of the college and wide area campus network of University of Delhi. The library provides access to electronic resources to its users from DULS and UGC-INFONET Consortium. Library has massive collection of 102420 books, 53 periodicals, 15 Newspapers and 417 CD & Floppy Disks. The college library has access to National Library and Information Services Infrastructure for Scholarly Content (N-LIST). Under N-LIST Programme the library users can access to e-resources (6000+e-journals and 97000+ e-books).

3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

The affiliating University (University of Delhi) has granted special funds to develop Web Access Centre, to provide equipment for science laboratories and books to the library.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- **Patents obtained and filed (process and product)**
- **Original research contributing to product improvement**
- **Research studies or surveys benefiting the community or improving the services**
- **Research inputs contributing to new initiatives and social development**

Under innovation project three faculty members and 10 students from science departments collected ground water samples from various regions in Delhi & NCR covering Faridabad, Ghaziabad, Noida,Bahadurgarh, Nangloi, Maharani Bagh, Gurgaon & Surya Vihar to check hardness, toxic metal ,TDS (Total dissolved solids). They found that Yamuna water consists of so many toxic elements but nickel chromium and lead are in excess amount which are toxic to our health.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

No.

3.4.3 Give details of publications by the faculty and students:

- **Publication per faculty**
- **Number of papers published by faculty and students in peer reviewed journals (national / international)**
- **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : 849**
- **Monographs**
- **Chapter in Books : 92**
- **Books Edited : 54**
- **Books with ISBN/ISSN numbers with details of publishers : 57**
- **Citation Index**
- **SNIP**

* **SJR**
* **Impact factor**
* **h-index**

3.4.4 Provide details (if any) of:

* **research awards received by the faculty**
* **recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
* **incentives given to faculty for receiving state, national and international recognitions for research contributions.**

Dr. Kamal Kumar Gupta, Associate Professor in Zoology:

- Nominated for Indo-South African Educational Exchange Programme in July, 2008.
- Member, Entomological Society of India.

Dr. Indrakant K. Singh, Assistant Professor in Zoology:

- Young Scientist Scheme Award 2013 from Department of Science and Technology, Govt. Of India.
- "Mentor" in *Science Camps for CPFS Interns under the DST-INSPIRE Scheme* held on November 4, 2010 by Centre for Philosophy and foundations of Science (CPFS), New Delhi, India.
- Invited as a member of jury for INSPIRE AWARD National level Exhibition and Project Competition (NLEPC)-2012, 2013,2014 for school students organized by Department of Science and Technology (DST), Govt. of India.

Member:

- Microbiology Society of India.
- Indian Society of Cell Biology.
- Indian Biophysical Society.
- International Journal of Applied Biotechnology (IJAB)
- International Journal of genetic engineering and Biotechnology (IJGEB)
- International Journal of applied agricultural research (IJAAR)
- Journal of computational intelligence in bioinformatics (JCIB).

Mr. Irengbam Rocky Mangangcha, Assistant Professor in Zoology:

Recipient of :

- Young Faculty Training Program Fellowship, 2012-13, University of Delhi.
- University Staff Development Scholarship, 2012-13 University of Nottingham, U.K.

Dr. S. K. Agarwal, Associate Professor in Botany:

- Fellow & Life Member, The Indian Association of Angiosperm Taxonomy (IAAT).
- Advisor for 2nd Amity international Biology Olympiad held during May 19 -25,2013 at Noida.
- Evaluator for National Children's Science Congress, UP (a program of National Council for Science & Technology Communication, Department of Science & Technology, Government of India) held during November 08 - 10,2013

Dr. Madhuri Goyal , Associate Professor in Chemistry:

- Conferred with Distinguished Teacher Award by University of Delhi on September 7, 2009.

Dr. Gouri Datta, Associate Professor in Physics:

- Awarded the "WREN Pioneer International Award "in the field of Solar Energy in 2010.
- Appointed as Fellow, Stronstad Academy, Sweden and was made Honorary Associate Professor, Stronstad Academy Sweden in May 2011.

Member :

- International Energy Foundation.
- Solar Energy Society of India.
- International Association for Solar Energy Education.
- Indian Chapter of International Centre for Theoretical Physics.

Dr. P.K.Mukherjee, Associate Professor in Physics:

- Received Vigyanratna Shri Laxman Prasad Aavishkar Lekhan Samman 2010 on the book titled "Nanotechnology".

Dr. Biswajit Mohanty, Associate Professor in Political Science :

- Member, American Political Science Association, (APSA) USA.
- Delhi Co-ordinator for Election Survey, Lokniti, Centre for Study of Developing Societies, Delhi
- Fellow, Developing Countries Research Centre, University of Delhi.

Dr. Arati Barua, Associate Professor in Philosophy:

- Founder Director of the Indian Division of the Schopenhauer Society (IDSS).
- Member, International Schopenhauer Society / Schopenhauer - Gesellschaft, Germany.

Life Member:

- Indian Philosophical Congress.
- "Sandhan" Journal of the Centre for Study in Civilizations.
- JICPR (Journal of Indian Council of Philosophical Research).

- Review of Darshana (Journal of the Department of Philosophy, Allahabad University).

Dr. Subasini Barik, Associate Professor in Philosophy:

Life Member :

- The Indian Division of the Schopenhauer Society, (IDSS).
- The Indian Philosophical Congress.
- The Center for Studies in Civilizations.
- The All Orissa Philosophical Association.
- Jangyanodaya.
- The All India Women's Education Fund Association.

Dr. Sanjeev Kumar, Associate Professor in Hindi:

- Received "Devi Shankar Awasthy Samman" in 2011.

Dr. G.C. Pant, Associate Professor in Sanskrit :

- Member, Board of Research Studies in Humanities, University of Delhi.
- Life Member of All India Oriental Conference, Pune.
- Life Member, Social Research Foundation, Kanpur.
- Shragdharanandi award for best research paper titled Vatsala rasa udbhavana ki sampurna kavya sastriya pristhabhumi in 41st session of All India Oriental Conference organized by Sri Jagannath Sanskrit University, Puri, Odissa

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

The College has a plan to establish such system.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The College has no such policy so far. However the faculty members from various departments visits institute like NCERT, ILLL, etc. to promote consultancy on different topics.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

No such policy exists.

3.5.4 List the broad areas and major consultancy services provided by the institution and

the revenue generated during the last four years.

Nil.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

No income to share so far.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

To promote community network NSS Unit of college has organised learning cum fun activity workshop for nearby slum children in collaboration with an NGO 'UMMEED'. College organised Health Check- up camp, blood check-up camp for blind students in collaboration with Red Cross Society and blood donation Camp. NSS volunteers participated in "Common Wealth Games" 2010 and Delhi Monument Cleaning programme.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

Students are encouraged to join any one of these extension activities:

- National Cadet Crops (NCC) :
- National Service Scheme (NSS):

The recruitment/enrolment for the first year students as NCC cadets starts just after the completion of the admission process. The aim of NCC is to shape up the youth & unveil their hidden potential to face the challenges in life. The NCC cadets are given basic military training in parades & special camps to deal with natural calamities.
The regular activities and annual special camp are being organized by the NSS unit wherein they learn to take up social tasks and become responsible citizen of the country.
NSS/ NCC program officers report all the activities of their volunteers to the Principal which helps to track students' involvement to various social activities.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

Regular meetings with the Staff Council, different committees / teachers in- charge are conducted under the Chairmanship of the Principal in which different issues about changes and development of the college are discussed.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

The NCC and NSS units of the college organize extension activities and outreach programmes all over the year.

The expenditure incurred in the last four years is as below:

Academic Year	Expenditure
2010-2011	1,04,630
2011-2012	80,410
2012-2013	1,03,850
2013-2014	1,06,530

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The programme officers of NSS and NCC unit take active part regarding proper notification of all its activities involving the teachers and students. Programme schedule is notified on the notice board and also circulated in the staffroom in advance and propagated among the students. The students are motivated to participate in such activities. Students and faculty members participate actively in the extension activities organized by the units like blood donation camp, tree plantation, Campus cleaning drive etc. NCC unit of the college organised NCC fest "DESH-2014". Our N.S.S and N.C.C students were part of Gyanodaya Endeavour (a special train GYANODAYA EXPRESS) of the University of Delhi.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

The College has made a conscious effort to promote social justice as a value in learning process and administrative interactions. NSS unit has been organizing various social activities in coordination with different NGOs for under-privileged sections of the society. NSS volunteers collected clothes for Flood Victims of different states in the country and submitted to an NGO.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience

and specify the values and skills inculcated.

Extension activities conducted by the college always imbibe academic learning experience, values and skills not only in students but faculty too. These activities refresh the environment of the college as well. The result of the participation in the various socially relevant activities has resulted in inculcating the feeling of being socially awakened citizens in the students. The students who have been a part of this process have been spreading awareness in the institution and motivating other students as well to stand tall for the cause of Social Upliftment.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

To ensure the involvement of the community in its reach out activities and contribute to the community development the Botanical society of the college organised socially relevant and environment friendly activity 'Clean Delhi Drive' in conjunction with Eco-club and art of living's 'Meri Delhi Meri Yamuna' programme at Defence Colony market. Students, teachers and laboratory staff members enthusiastically cleaned the area in and around Defence colony market. During ' Say No to Plastic Bags' campaign ,a rally was taken out from the college through residential areas of Kalkaji to the nearby Krishna Market with the support of police personnel from Kalkaji police station. At the Krishna Market NSS volunteers, faculty members, laboratory and office staff undertook extensive cleaning work of the area and collected more than 100 bags full of garbage.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

Our College has been a part of the Disaster Management Workshop organised by Civil Defense Authority.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/communitydevelopment during the last four years.

The College was ranked 28th in top 50 Science colleges and 8th in the city of Delhi as per India Today Nielson Survey published in India Today, June 28, 2010.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The Principal Investigators of research projects invite Scientists from DST and DBT to interact with students and faculty members.

3.7.2 Provide details on the MoUs /collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

No

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library / new technology /placement services etc.

The College interacts with eminent personalities from various reputed universities and industries for establishing better academic facilities for its staff and students. The college although does not enjoy any MoUs but still many reputed firms visit the institution for the placements. The labs are being upgraded for the upkeep of latest electronic equipment, computers etc. The placements process got a boost by such interactions.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Department of Philosophy

- International conference on "Understanding Schopenhauer through the Prism of Indian Culture: Philosophy, Religion and Sanskrit Literature" in Collaboration with the Special Centre for Sanskrit Studies, JNU sponsored by Schopenhauer Gesellschaft, JNU, MMB and Indian Council of Philosophical Research (ICPR) from March 4-5, 2010 at JNU, New Delhi.

Eminent Academicians:

- Prof Matthias Kossler, Johannes Gutenberg University of Mainz, Germany.
- Prof. Guenter Zoeller, Munich University, Germany.
- Dr Ruffing, Johannes Gutenberg University of Mainz, Germany
- Prof. N. N. Chakravorty, MS, ICPR.
- Prof. S. R. Bhatt, University of Delhi.
- Prof. R. C. Pradhan, Hyderabad University.
- Prof R K Gupta, IIT , Kanpur.
- Prof. Thomas Regehley, Frankfurt Schpenhauer Society Division, Germany.
- Prof. Yasuo Kamata, Kyoto University, Japan.
- Prof. Guenter Zoeller, Munich University, Germany.

Department of Mathematics

- Workshop cum Training Programme on "Modern Trends in Celestial Mechanics and Astronomy(WMTCMA) sponsored by DST,ISRO, CSIR, IUCAA and TIFR at Conference Centre ,University of Delhi from March 17-19,2010.

Eminent Scientists:

- Prof. Adimurthy V, Associate Director at the Vikram Sarabhai Space Centre(VSSC), a major facility center of Indian Space Research Organisation(ISRO), India.
- Dr. S.M.Alladin, Reader-Associate Astronomer, Department of Astronomy, Osmania University, Hyderabad.
- Prof. Ajit Kembhavi , Director and Distinguished Professor at the Inter-University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. J. V. Narlikar , Emeritus Professor at at the Inter- University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. K.B. Bhatnagar, Centre for Fundamental Research in Space Dynamics and Celestial Mechanics, India.
- Prof. R . K. Sharma, Applied Mathematics Division, Vikram Sarabhai Space Centre(VSSC), a major facility center of Indian Space Research Organisation (ISRO), India.

- The Ramanujan Mathematical Society Under Graduate Teachers Enrichment (RMS-UGTE) Workshop on "Finite Group Theory and Applications" from February 7- 9, 2014 at Deshbandhu College.

Eminent Mathematicians:

- Prof. V. Arvind, Department of Theoretical Computer Science, Institute of Mathematical Sciences (IMSc), Chennai.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute (HRI), Allahabad.
- Prof. N.S.Narasimha Sastry,Theoretical Statistics and Mathematics Unit ,Indian Statistical Institute(ISI), Bangalore.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute(HRI),Allahabad.
- Prof. Ayan Mahalanobis,Department of Mathematical Sciences, Indian Institute of Science Education and Research(IISER),Pune.
- Prof. Ajit Iqbal Singh, INSA Honorary Scientist, Indian Statistical Institute, 7,S.J.S. Sansanwal Marg, New Delhi.

- Science Academies Lecture Workshop on " Computer Science and Differential Equations" from , March 7-8,2014

Eminent Mathematicians:

- Prof. Phoolan Prasad, Indian Institute of Science (IISc), Bangalore.

- Prof V. D. Sharma, Indian Institute of Technology Bombay, Mumbai.
- Prof. Anshul Kumar, Indian Institute of Technology, Delhi.
- Prof. Naveen Kumar, Department of Computer Science, University of Delhi.
- Mr. Tushar Patnaik, Expert from Centre for Development of Advanced Computing, Noida.

Departments of Botany & Zoology

- National Symposium on "Vector Biology and Vector Management" on July 21, 2013 at Deshbandhu College, Kalkaji.
- "National workshop on Applied Genomics and Proteomics" from 12-14th March 2014 for the faculty members of various colleges from Delhi and outside at Deshbandhu College, New Delhi.
- National Symposium on "Environment: Challenges and Awareness" on Nov 5,2014 at Deshbandhu College, Kalkaji

Eminent Scientists/Academicians:

- Dr. Neena Valecha, Scientist G & Director, National Institute of Malaria Research, Sector-8, Dwarka, New Delhi.
- Dr. A.C. Dhariwal , Director, National Vector Borne Disease Control Programme (NVBDCP).
- Dr. Raj Bhatnagar, ICGEB, New Delhi.
- Dr. P.K. Srivastava, Joint Director, Directorate of National Vector Borne Disease Control Programme (NVBDCP).
- Dr. Nutan Nanda, Scientist F, National Institute of Malaria Research (ICMR), Sector-8, Dwarka, New Delhi.
- Dr. S. K. Sharma, Scientist-F, National Institute of Malaria Research (ICMR),Sector-8, Dwarka, New Delhi.
- Dr. Pawan Malhotra, Staff research Scientist, ICGEB. New Delhi.
- Dr. B. N. Nagpal, Scientist F, NIMR,Sector-8, Dwarka, New Delhi.
- Dr. R. D. Gautam, Professor of Entomology (Retd.), Indian Agricultural Research Institute, New Delhi.
- Prof. Umesh Rai, Director South Campus, University of Delhi.
- Mr. Ajay Raghava, Deputy Director, The Ministry of Environment & Forests (MoEF).
- Prof. K. S. Rao, Department of Botany, University of Delhi.
- Dr. B.C. Sabata, Department of Environment, Delhi Government.
- Mr. Aditya Batra, Centre for Science and Environment

Department of Bio-Chemistry

- National symposium on current trends in genomics and proteomics, 4th and 5th Feb 2010.

Eminent Scientists/ Academicians:

- Dr. Vani Brahmachari, Ambedkar Center for Biomedical Research, Delhi.
- Dr. Vinay Nandicoori, National Institute of Immunology, Delhi.
- Dr. Anurag Agrawal ,Institute of Genomics and integrative Biology, Delhi
- Dr. Ashwani Pareek, Jawahar Lal Nehru University, Delhi.
- Dr. Suneeta Saxena, Indian Council of Medical Research, Delhi.
- Dr. T. S. Rao, Department of Biotechnology, Delhi.
- Dr. Somdutta Sen ,The Center for Genome Applications, Delhi.
- Dr. H. S. Misra ,Bhabha Atomic Research Center, Mumbai.

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements ? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

a) Curriculum development/enrichment

b) Internship/ On-the-job training

c) Summer placement

d) Faculty exchange and professional development

e) Research

f) Consultancy

g) Extension

h) Publication

i) Student Placement

j) Twinning programmes

k) Introduction of new courses

l) Student exchange

m) Any other

None

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

N.A.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1What is the policy of the Institution for creation andenhancement of infrastructure that facilitate effective teaching and learning?

For creation of the infrastructure facilities in the College and enhancement of infrastructure that facilitate effective teaching and learning, resolutions are taken in discussion with the Principal and various committees of Staff Council. Recently College has constructed 6 class rooms in the form of Porta cabins, one Seminar Hall. Staff room is also renovated

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, Cultural activities, Public speaking, Communication skills development, yoga, health and hygiene etc.

The facilities available for curricular activities are:

- 45 class rooms.
- 1 Seminar Hall with capacity of 200.
- 14 Tutorial rooms.
- 12 Departmental Rooms.
- Boys Common Room (BCR).
- Girls Common Room (GCR).
- 4 Lecture Theatres (BLT, CLT, PLT, ZLT) one each for Botany, Chemistry, Physics and Zoology.
- 2 Laboratories of Biochemistry
- 3 Laboratories of Botany.
- 3 Laboratories of Chemistry
- 3 Laboratories of Physics
- 3 Laboratories of Zoology
- 1 Botanical Garden
- 1 Chemistry Research Laboratory
- 2 Zoology Research Laboratories
- Museum in Botany and Zoology Department
- Computer Science Lab
- 7 LCD Projectors
- Web Access Centre
- IGNOU Study Centre
- SOL Study Centre(University of Delhi)

- 4 Xerox Machines (1 in Principal office, 2 in Admin. Block & 1 in Library)
- A Canteen
- A Library

For Extracurricular activities:

Outdoor Games: A spacious play ground is available for outdoor games like Cricket, Football, Volleyball and archery. Athletes and Kabaddi players also use the same ground for practice.

Indoor Games: Facilities for the sports like Badminton, Table Tennis, Chess, Carom etc., are provided to students in the Boys' Common Room (BCR) .Besides this, BCR is also used for the training of Yoga, Boxing and Taekwondo.

- 1 NCC Room.
- 1 Music Society Room.
- 1 Dramatic Society Room

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The Staff Council committees work together and plan for ensuring that the available infrastructure is in line with its academic growth and optimal utilization of the available infrastructure. The College has been keeping pace with the changing needs and requirements to meet its academic growth. To keep pace with the requirements, additional infrastructure is being added from time to time. In the last four years, many rooms have been constructed / renovated. Deshbandhu is also a study centre for IGNOU & SOL (University of Delhi). Classes are conducted on Saturday and Sunday. Full power backup is ensured through a 1.160 KVA Generator Set.

The College campus is Wi-Fi enabled. The amount spent on the infrastructure in the last four years is as below:

Academic Year	Infrastructure	Amount (Rs in Lacs)
2010-2011	Class Rooms, Laboratories under Special Grant XI Plan , Up-gradation of Library, Multi Media	48,09,314
2011-2012	OBC Infrastructure, Building, Lab, Projectors	12,36,451
2012-2013	Up-gradation of Library, DG set	19,72,448
2013-2014	Porta Cabins, Architecture ,Civil engineer	21,57,774

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The College ensures that infrastructure facilities meet the requirement of the students with physical disabilities. Ramps and toilet have been constructed for differently-abled students.

4.1.5Give details on the residential facility and various provisions available within them:

- **Hostel Facility – Accommodation available**
- **Recreational facilities, gymnasium, yoga center, etc.**
- **Computer facility including access to internet in hostel**
- **Facilities for medical emergencies**
- **Library facility in the hostels**
- **Internet and Wi-Fi facility**
- **Recreational facility-common room with audio-visual equipments.**
- **Available residential facility for the staff and occupancy Constant supply of safe drinking water**
- **Security**

Hostel accommodation is not available.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

First-aid and medical assistance is available for Sports students. The facility is also available for other students of the college.

4.1.7 Give details of the Common Facilities available on the campus–spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The common facilities available on college campus are as follows:

- Grievance Committee
- Placement Cell
- Canteen
- Safe drinking water facility
- Committee room
- Seminar Hall
- Multi-purpose activity room

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, Advisory Committee for Library is Library Committee. Composition of the Library Committee:

The Chairperson of the Committee is the Principal; Librarian is Secretary, a convener deputed for two years. Teachers in -charge of all departments are members of the committee. The committee has also two members as Special Invitee.

The Library Committee is allocated the Recurring Grant, Non-Recurring Grant (if any) every year in the meeting after the commencement of the academic session in the presence of the Principal, the Librarian, the Library Convener, the Special Invitee Members and all the teacher-in-charges of the departments.

The Library Committee is responsible to constitute the rules, regulations, amendments and welcomes suggestions & advices (if any).

4.2.2 Provide details of the following :

- **Total area of the library (in Sq. Mts.)**
- **Total seating capacity**
- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**
- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

Details are as follows:

- **Total area of the library** (in Sq. Mts.) ----------
- **Total seating capacity:** 175.
- **Working Hours:**
  - **On working days**: 09:00 AM -- 6:30 PM
  - **On holidays**: 09:00 AM -- 4:00 PM
  - **Before examination days**: 09:00 AM -- 6:30 PM
  - **During examination days**: 09:00 AM -- 6:30PM
  - **During vacation**: 09:00 AM -- 6:30 PM

- **Layout of the library**

  Reading carrels : 150 Seats

  Reference Section : 25 Seats

IT Zones for accessing e-resources**:-**

Information Resource centres (1 for students and 1 for Teachers & Non -Teaching Staff)

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Purchasing is ensured through Recurring Grant which is obtained from University Grant Commission (UGC) for Rs. 22500/- and rest of the amount is generated by collecting Rs. 500/- from each student as library membership fees when he/she is enrolled in the college. Books are purchased through Indent Forms which are recommended by the teachers in-charges of the concerned departments.

Library Holdings	2010 - 11		2011 – 12		2012 - 13		2013 - 14	
	Number	Total Cost in Rupees	Number	Total Cost in Rupees	Number	Total Cost in Rupees	Number	Total Cost in Rupees
Text Books	139	28,3719/-	118	3,29,937/-	127	4,49,897/-	177	7,76,030/-
Reference Books	232	2,10,700/-	193	1,40,903	100	1,09,569/-	84	1,21,040/-
Journals / Periodicals	45	41,188/-	45	51,882/-	52	53,678/-	52	62,339/-
E-resources UGC-INFO NET	UGC-INFO NET		UGC-INFO NET		UGC-INFO NET		UGC-INFO NET	
Book Bank	Nil	Nil	106	47710/-	91	34849/-	210	83399/-

NOTE: Books other than above mentioned categories are in General Section.

Library Holdings	2010 – 11		2011 - 12		2012 - 13		2013 – 14	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
General Books	1474	491193/-	2312	804707/-	2777	1074679/-	2673	1098528/-

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- **OPAC**
- **Electronic Resource Management package for e-journals**
- **Federated searching tools to search articles in multiple databases**
- **Library Website**
- **In-house/remote access to e-publications**
- **Library automation**
- **Total number of computers for public access**
- **Total numbers of printers for public access**
- **Internet band width/ speed (GB)** □ **2mbps** □ **10 mbps** □ **1 gb**
- **Institutional Repository**
- **Content management system for e-learning**
- **Participation in Resource sharing networks/consortia (like Inflibnet)**

OPAC – 2 Machines

Electronic Resource Management package for e-journals – N-LIST

Library website- Yes (Embedded in college website)

In House – UGC-INFONET / Remote Access – N-LIST

Library automation – Yes, Using library software LSease of LIBSYS Incorp

Total number of computers for public access – 1 Information Resource Centre with 5 computers and 1 printer for teachers. Dedicated Lab. of 80 computers in Web Access Centre.

Total number of printers for public access - One

Internet band width – 100 mbps

Institutional Repository – Nil

Content management systems for e-learning - Nil

Participation in Resource sharing networks. – Inflibnet

4.2.5 Provide details on the following items:

- **Average number of walk-ins**
- **Average number of books issued/returned**
- **Ratio of library books to students enrolled**
- **Average number of books added during last three years**
- **Average number of login to opac (OPAC)**
- **Average number of login to e-resources**
- **Average number of e-resources downloaded/printed**
- **Number of information literacy trainings organized**
- **Details of "weeding out" of books and other materials**

Details are as follows:

- **Average number of walk–ins** : 900 to 1000 users.
- **Average number of books issued / returned** :800 - 900 books per day.
- **Ratio of library books to students enrolled:** 16:1.
- **Average number of books added during last three years**: April 2011 to March 2014. Average of books is 3000 Books per financial year.
- **Details of "weeding out" of books and other materials**: Approximately 5000 books are under process of weed out.

4.2.6 Give details of the specialized services provided by the library

- **Manuscripts**
- **Reference**
- **Reprography**
- **ILL (Inter Library Loan Service)**
- **Information deployment and notification (Information Deployment and Notification)**
- **Download**
- **Printing**

- **Reading list/ Bibliography compilation**
- **In-house/remote access to e-resources**
- **User Orientation and awareness**
- **Assistance in searching Databases**
- **INFLIBNET/IUC facilities**

Details of specialized services:-

- **Reference**: Approx. 60 students are used to use the Reference service
- **Reprography**: Yes
- **ILL (Inter Library Loan Service)**: No.
- **Reading list / Bibliography compilation** : Yes, on demand.
- **In- house / remote access to resource** :- N-LIST.
- **User Orientation and awareness**: It is conducted on the commencement of the Academic Session.
- **Assistance in searching Databases**: Yes.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

All the library staff is very helpful to assist the user for finding the books and any other type of help.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

MP3 Players, Tape Recorders and Braille books for visually challenged are available in the Library.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes. The feedback is weekly analyzed and on the basis of feedback reading hall is provided to the users and Library hours are also extended.

4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide actual number with exact configuration of each available system)

- **Computer-student ratio**
- **Stand alone facility**
- **LAN facility**
- **Wifi facility**
- **Licensed software**
- **Number of nodes/ computers with Internet facility**
- **Any other**

- Number of Desktops : 135
- Number of Laptops : 1934
- Number of Servers : 03
- Number of Printers : 20
- Number of Printers with scanner (MFP) : 04

Details are as under:-

S.No.	Details of Desktops with Configuration	Department	Qty.	Wi-Fi	Lan
1.	Acer/ Veriton Series/2.60 Ghz AMD Phenom II X4 810/ 2 GB RAM/ 320 HDD, LCD 19 Monitor, OS - UBUNTU	Web Access Centre	80	Yes	Yes
2.	HP DX – 2700, Intel Core 2 Duo, RAM- 512 MB, HDD-80 GB, LED 15", OS – UBUNTU	Computer Science	19	NO	Yes
3.	ACER Veriton, RAM – 4 GB, HDD – 500 GB, 15" Monitor, OS – UBUNTU	Computer Science	08	NO	YES
4.	HP Compaq Core 2 Duo, 1 GB RAM, HDD – 80 GB, OS – UBUNTU	Library	07	YES	NO
5.	Acer Veriton Core i3 2120, 2 GB RAM, HDD -500 GB, OS - UBUNTU	Accounts Section	01	YES	NO
6.	HP Compaq d330ut, P-4, 1 GB RAM, HDD – 80 GB, OS- UBUNTU	Accounts Section	03	NO	NO

7.	HP Compaq, Intel(R) P-4 CPU 3.06 GHZ RAM 1.25 GB, HDD – 80 GB, OS – UBUNTU	Accounts Section	01	YES	NO
8.	Acer Veriton Core i3 2120, 4 GB RAM, HDD -500 GB, OS - UBUNTU	Administrative Section	02	YES	NO
9.	Acer Veriton Core i3 2120, 4 GB RAM, HDD -500 GB, OS - UBUNTU	Principal Office	03	YES	NO
10.	HP Compaq, RAM – 1 GB, HDD – 80 GB, OS- UBUNTU	Zoology Department	01	YES	NO
11.	HP Compaq, Intel(R) Pentium-4 CPU 2.80 GHZ, RAM –1GB, HDD – 80 GB, OS – UBUNTU	Chemistry Department	02	YES	NO
12.	HP Compaq, RAM – 1 GB, HDD – 80 GB, OS – UBUNTU	Physics Department	01	YES	NO
13.	ACER Power Series, Intel Pentium – 4, RAM - OS – UBUNTU	Botany Department	01	YES	NO
14.	HP Compaq, Intel(R) P-4 CPU 3.06 GHZ RAM 1.25 GB, HDD – 80 GB, OS – UBUNTU	Library	05	YES	NO
15.	HP Compaq, Intel(R) P-4 CPU 3.06 GHZ RAM 1.25 GB, HDD – 80 GB, OS – UBUNTU	Bio Chemistry	01	YES	NO
	Printer Details				
01.	HP Laserjet 1020	Computer Science	04		
02.	HP Laserjet P 1108	Computer Science	01		
03.	HP Laserjet 1020 plus	Library	03		
04.	HP Laserjet 1022	Accounts	01		
05.	HP Laserjet 1020	Accounts	02		
06.	HP Laserjet 1020	Administrative Section	01		
07.	HP Laserjet 1022	Administrative Section	01		
08.	HP Laserjet P 1108	Administrative Section	02		
09.	HP Laserjet P 1108	Physics Department	01		
10.	HP Laserjet CP 1525 Color	Botany	01		
11.	Canon LBP 2900B	Zoology Department	01		

12.	HP Laserjet 1022	Chemistry	01		
13.	HP Laserjet 1022	Bio Chemistry	01		
	MFP Printers				
01.	HP Laserjet M1213 MFP (with FAX)	Principal's Office	01		
02.	HP Laserjet M1136 MFP	Principal's Office	01		
03.	HP Laserjet M1213 MFP	Web Access Centre	01		
04.	HP Laserjet M1136 MFP	Placement Cell	01		

S.No.	Details of Laptop with Configuration	Qty.	Wi-Fi	Details of Server with Configuration	Qty.
1.	HP/Intel i5 processor, 4gb Ram, 500GB HD, DVD Writer, 14 Screen	25	YES	Acer Server, Intel® Xeon(R) CPU E-5620 @ 2.40 GHz (2 Processor)	02
2.	HP/ Probook 445G1, 8GB RAM/ AMD Elite A65350M 2.9 GHz Processor	1857	YES	HP Server, Pentium (4) CPU @ 2.66 GHz, 1 GB RAM, 70 GB HDD	01
3.	DELL Inspiron Intel Core i5, M-480 @ 2.67 GHz, HDD – 500 GB, RAM 4 GB	10	YES	HP Server, Pentium (4) CPU @ 2.66 GHz, 512 MB RAM, 70 GB HDD	01
4.	Lenovo ThinkPad	10	YES		
5.	HP/ Probook 445G1, RAM - 8GB AMD Elite A10, 5750M 2.56 GHz Processor; Ubuntu	32	YES		

There are 02 licensed software used in college:

1. Libsys
2. Web - Tel

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Internet facility is available in the college campus for faculty and students. Individual user name and password are issued to faculty as well as students for accessing internet in the college premises. Web Access Centre is equipped with 80 computers. Also there is a Lab containing 80 laptops developed for holding practical classes of different Departments. The students and the faculty have a free access to the college Website www.deshbandhucollege.ac.in. There are 02 Server for Internet Access through Active Directory. In addition to this faculty and students can

access e-resources subscribed through INFILIBNET (Delhi University) and N-List (College) on and off the college campus.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college deploys and upgrades its IT infrastructure and associated facilities time to time on the basis of the following strategies:

- To fulfil the needs of the students either due to manifold increase in their strength or change in the syllabi.
- To keep a pace with the rapid changes in the IT sector.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years).

There is no such budgetary allocation for procurement, up-gradation, deployment and maintenance of the computers and their accessories. During the last four years grant received from UGC and University of Delhi was the main source of procurement, up-gradation and deployment of Computers. Maintenance of computers and their accessories was carried out by the company. The college has employed a System & Network Administrator, who manages the whole campus area networking and handles the troubleshooting of computer systems. In case of major hardware problems, the college takes the services of hardware engineers from external sources. In order to provide uninterrupted power supply to the computers in Web Access Centre the college 05 Online UPS which are maintained by AMC.

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

The College facilitates extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students by providing the following facilities in the college:

- Remote access to teaching and learning e-resources(e-journals/e-books databases) available in N-LIST Programme;
- State of the art lecture theatres & laboratories
- Virtual Class rooms (University of Delhi).

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the Centre of teaching-learning process and render the role of a facilitator for the teacher.

Use of technology has become very vital in imparting quality based education. The College encourages its faculty members to undergo training on the computer-aided teaching. The

computer department has organised workshops to train the staff for using Internet for learning resources. Well-equipped computer Labs, LCD projectors are available in some of the classroom for computer aided teaching. Thrust is given to ICT enabled teaching-learning process to make it effective and more students centric.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Yes, our College is a part of National Knowledge Network through University of Delhi. NKN is used in various services like:-

1) UGC-INFONET Digital Library Consortium
2) Delhi University Wide Area Network
3) Dedicated internet services through fiber optic with a bandwidth of 100 mbps.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Amount spent on purchase of various items:

Academic Session	Furniture	Equipment	Computers/Projectors	Others
2010-2011	2,63,720	3,08,963	4,82,752	-------
2011-2012	1,32,444	45,234	2,61,276	1,09,78,823
2012-2013	-------	-------	4,61,443	-------
2013-2014	-------	-------	-------	-------

Amount spent on Maintenance:

Academic Session	Building	Laboratories	Equipment	Library	Property Tax
2010-2011	----------	1,51,563	1,48,984	6,55,704	2,96,469
2011-2012	40,09,066	3,08,963	----------	53,385	27,39,916

2012-2013	5,79,585	1,80,676	----------	17,83,640	10,85,008
2013-2014	37,24,601	2,41,144	----------	22,31,058	10,85,008

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

There is a full time campus caretaker. An electrician, gardener, plumber, technician, lab attendants and other support staff take care of the respective items. The college also has an Annual Maintenance Contract with companies for computer learning, other gadgets and lab equipment.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

The maintenance of laboratory equipment is carried out through annual grants received from the UGC as and when necessary. The computers and electronic instruments are repaired and maintained time-to-time from the funds available in the college.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The College has specified places for the sensitive equipment like electricity generator, water purifier, chemicals and scientific instruments. The laboratory staff keeps a strict vigil regarding the maintenance and upkeep of the scientific instruments and chemicals. The repair, replacement or other required upkeep of the instruments & chemicals is fully undertaken in their supervision. The college electrician and the supporting staff are responsible for the upkeep of electrical equipment and their maintenance.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes. The College publishes its updated prospectus annually. The College prospectus provides a complete profile of the college. The prospectus is having the admission schedule, the details of the college working days, the fee details and the rules and regulations which the students need to know during their stay in the college. The prospectus also contains the list of the facilities being provided to the students. Besides this, the prospectus contains the information regarding the college teaching as well as the non-teaching faculty. The same information which is published in the college prospectus is also updated on the college website www.deshbandhucollege.ac.in.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

Yes.

(1) The college grants fee concession to a maximum of 20% of the total number of students on its roll every year.
(2) Fee concession is awarded to deserving students who apply on a particular form available in the college office.
(3) The college extends financial assistance to the needy students from its Financial Assistance Fund.

Details of financial aid given to students are as follows:

Academic Session	2010-2011	2011-2012	2012-2013	2013-2014
Financial Assistance (No of Students)	48	59	64	118

5.1.3 What percentage of students receive financial assistance from state government, central government and other national agencies?

(1) Information regarding free ships granted by the State Government is put up on notice board from time to time.
(2) Under the National Loan Scholarship Scheme the students who have obtained first division (60% marks or more) in their last Examination can apply for a loan scholarship through the college.

About 0.5% of the student from SC/ST/OBC category receives financial assistance from state government.

5.1.4 What are the specific support services/facilities available for

- ✓ **Students from SC/ST, OBC and economically weaker sections**
- ✓ **Students with physical disabilities**
- ✓ **Overseas students**
- ✓ **Students to participate in various competitions/National and International**
- ✓ **Medical assistance to students: health centre, health insurance etc.**
- ✓ **Organizing coaching classes for competitive exams**
- ✓ **Skill development (spoken English, computer literacy, etc.,)**
- ✓ **Support for "slow learners"**
- ✓ **Exposures of students to other institution of higher learning/ corporate/business house etc.**
- ✓ **Publication of student magazines**

The College is committed to provide the SC/ST/OBC students every possible help and Support. Some specific support services/facilities available for students are Book bank facility, Fee-concession Reservation in admission, etc.

For student with physical disabilities: Audio visual aides

The College encourages the students to participate in co-curricular, extracurricular, extension activities/competitions, like sports, cultural, NSS & NCC and provides infrastructural support and financial assistance. Various committees/societies/units like cultural committee, dramatic/debate society, NSS/NCC unit encourage and train the students to participate in national/international competitions.

College offers Add-On Courses like Technical writing and CSAT.

Various Departments organize educational tours to other academic institutions. The College organizes The Innovation in Science Pursuit for Inspired Research (INSPIRE) Science Camp

every year implemented by the Department of Science & Technology (DST), New Delhi. It is a program launched by Government of India to inspire students into natural science streams & to strengthen the National Science and Technology base in India. Mentors and invited speakers for

INSPIRE Internship program are various Academy Fellows, Bhatnagar Awardees, Scientists and academicians of national and international repute.

The Botanical Society of the college releases its annual magazine "PETALS", which is a medium to showcase the talents of our future science contributors.

The College publishes its annual college magazine '**DESH**'. The students of the college very enthusiastically contribute with their articles in the magazine. The College magazine is printed under the supervision of the college editorial board.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The college adopts various measures to develop entrepreneurial skills among the students.

SHARPSHOOTERS, Photography Society, had organized a PHOTOWALK across various places of historical importance in Delhi like Qutub Minar , Humayum's Tomb and Nizamuddin Dargah.

The society also organized a workshop on camera and equipment.

Placement cell of the college organized one-day visit to National Small Scale Industries Corporation (NSIC) for the students to attend their program "Today's Youth Tomorrow's Entrepreneurs "conducted to acquaint students with basics of setting up Micro, Small and Medium Scale Enterprises (MSME's).

College organized a seminar by 'JAIPURIA INSTITUTE' which provided the students with the required and profitable knowledge about the corporate world.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- **additional academic support, flexibility in examinations**
- **special dietary requirements, sports uniform and materials**
- **any other**

The College encourages students to participate in various extracurricular activities during the orientation program. The necessary facilities are provided and adequate funds are allotted. The sports and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular activities are given relaxation in attendance as per rules of the university. Refreshments are given to the students for participating in different events. Besides providing appropriate facilities for practicing various

games/ sports outstanding sportspersons are provided with sports kit for participating in various tournaments. Approximately 10 scholarships are given to the students for exceling in sports and co-curricular activities.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL/GMAT/ Central/State services, Defense, Civil Services, etc.

The College has no provision of collecting such type of data.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The College does not have career counselling cell. The faculty members provide academic and personal counselling to the students regarding the choice of subjects during admission. Academic counselling is given to the students through various seminars and workshops being organized by different departments. The placement cell of the college invites many experts from industry to motivate the students.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Placement cell of Deshbandhu College started in 2011. Placement cell has given its huge contribution in fulfilling the dreams of the students. The cell maintains a complete database for final year students and organizes workshops with different experts to prepare the students for interviews. In the last four years various companies have visited the college campus. The list is as below:

- Alankit
- Hotel Solutions India
- GENPACT
- IBM
- Jaypee
- Google
- Wase Programme
- Essar
- Tata Consultancy Service(TCS)
- GLOBAL OPTICS AND CAREER NET
- South Indian Bank
- Libsys Pvt. Ltd

- Aircel
- Oberoi Groups
- Spiritual Genex
- HDFC Life Insurance
- IBM DAKSH
- Serco
- Proriviti
- University 18

Number of Placements

Academic Year	No of students who got the job opportunity
2011-2012	100
2012-2013	116
2013-2014	154

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The College does not have a separate grievance redressal cell. Every year Grievance Committee is constituted for redressal of Grievances relating to under-graduate admission. However there is a Proctorial Committee which is concerned with maintaining the discipline in the college.

5.1.11 what are the institutional provisions for resolving issues pertaining to sexual harassment?

The College has constituted Internal Complaint Committee as per Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. It comprises of two senior faculty members from different departments, one member of non-teaching staff and one NGO activist. Their names and contact numbers are always available on college website.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The Proctorial committee undertakes preventive, prohibitive anti-ragging measures as per ordinance XV University of Delhi. However no case of ragging is reported in the college during the last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Few facilities provided to the students as a part of welfare scheme are as follows:

- Scholarships & Freeships
- Bank services
- Book bank facility
- Placement Cell
- Subsidized canteen

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Although the College has no registered Alumni Association yet college maintains cordial relations with its alumni. The College invites them as Guest of Honor at annual functions to rejuvenate the memories of the college and encourage the students. The College boasts of many eminent alumni, who occupy important academic and professional positions in India & abroad. Some of the Alumni felicitated on the College annual day are:

- Dr. K.K. Aggarwal, Sr. Consultant & Head of Cardiology Department, Moolchand Hospital, New Delhi.
- Dr. S. K. Minocha, MD (AIIMS), Ex Consultant & Head of the Department of Medicine, RML Hospital, New Delhi. Formerly Personal Physician to the Prime Minister of India.
- Mr. Rajat Pandit, Sr. Assistant Editor, Times of India.
- Prof. Jitendra P. Khurana, Department of Plant Molecular Biology, University of Delhi South Campus.
- Dr. Satish Kumar Gupta, Deputy Director, National Institute of Immunology, New Delhi.
- Mr. Rakesh Sharma, Assistant Registrar, Fore School of Management, New Delhi.
- Dr. Sushil Kumar Munjal, Head of Department – TB Control and Training Fellowship, New York School of Medicine, New York, USA.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

The College does not have a tracking system to systematically record the progress to higher education/employment profile of all its graduating students. Every year many students, especially most of the honours graduating students take admission to PG courses in the University of Delhi, to which the College is affiliated.

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district. Analysis of the students results (Last Four Years)

Course Wise Details Pass Percentage				
Course	2010-2011 %	2011-2012 %	2012-2013 %	2013-2014
B.Sc.(Hons.)Bio-Chemistry	100	75	90.9	100
B.Sc. (Hons.)Botany	75	84.3	64.2	36.5
B.Sc. (Hons.)Chemistry	70	89.6	35.8	24.6
B.Sc. (Hons.)Physics	92.8	95.6	28.9	31.7
B.Sc. (Hons.) Zoology	85	96.2	59.3	56
B.Sc.(Programme) Physical Science	62.5	41.6	21.7	22.47
B.Sc(Programme) Computer Science	46.4	62.5	21.7	76.56
B.Sc.(Programme) Life Sciences	62.5	100	37.1	42.85
B.Sc. (Programme) Industrial Chemistry	68	44	57.8	40
B.Sc. (Hons.)Mathematics/B.A(H)	40.9/87.5	76.4	58.3	82.08
B.A.(Hons.)English	81	68.4	87.5	60
B.Com.(Hons.)Commerce	96.6	97.2	92.5	97.5
B.A.(Hons.)Economics	76.9	77.77	97	79.5
B.A.(Hons.)Hindi	78.7	78.5	92.6	56.92
B.A.(Hons.)History	86	93.3	93.3	88.23
B.A.(Hons.) Political Science	80.9	75.5	97	70.75
B.A.(Hons.)Sanskrit	60	100	70	83.3
B.A(Programme)	82.5	64.5	77.77	54.78

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The College facilitates student progression to higher level of education or towards employment through seminars, workshops etc. organized by the various societies of departments & placement cell. The College also invites eminent personalities from diverse field of education to interact with the students. This effort has facilitated the students in earning better job opportunities.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Extra Tutorials classes are taken for these students by faculty members of the concerned departments.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

At Deshbandhu College, we believe in academics and excellence of extracurricular activities. From the traditional fields of kabaddi to the international games of weight-lifting, football and cricket, Deshbandhu has a long and revered tradition in sports.

Deshbandhu College has a distinguished history of sustained cultural activity in drama, debate, music, photography, dance, fashion and film. These activities are organized through cultural societies, namely, THE DESHBANDHU DRAMATICS SOCIETY (DDS), CRUSADERS, TIMBRE-MUSIC SOCIETY, SHARPSHOOTERS, D-SQUAD DANCE SOCIETY, STYLE-BROKERS and DESHBANDHU COLLEGE FILM SOCIETY respectively.

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Deshbandhu College has created a niche for itself in the arena of sports. In the last four years, the students have participated in different games & sports at various college and university level competitions.

List of the Students with their Highest Sports Achievements for Last Four Years

S.NO.	NAME	COURSE	SPORTS/GAME	LEVEL	ACHIEVEMENT
1	PROMITA	B.A.(H) Political Science	BOXING	ALL INDIA UNIVERSITY	PARTICIPATION
2	VISHAL SOLANKI	B.A.(Programme)	WEIGHT LIFTING	ALL INDIA UNIVERSITY	SILVER MEDAL

3	KAPIL YADAV	B.A.(Programme)	POWER LIFTING	NORTH ZONE UNIVERSITY	SILVER MEDAL
4	SAMEER KUMAR	B.A.(H) Hindi	WEIGHT LIFTING	ALL INDIA UNIVERSITY	PARTICIPATION
5	CHITRA POKHARIA	B.Sc.(Bio-Chemistry)	TAEKWONDO	ALL INDIA UNIVERSITY	PARTICIPATION
6	ROHIT	B.Sc. (H) Physics	FENCING	ALL INDIA UNIVERSITY	PARTICIPATION
7	BHUSHAN KUMAR	B.A.(H) Hindi	CROSS COUNTRY	ALL INDIA UNIVERSITY	PARTICIPATION
8	VISHAL SOLANKI	B.A. (Programme)	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
9	SAMEER KUMAR	B.A.(H) Hindi	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
10	MOHD. AZAM	B.A.(Programme)	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
11	KAVINDER	B.Sc. Computer Science	WEIGHT LIFTING	INTER-COLLEGE	SILVER MEDAL
12	NARVEER SHARMA	B.Sc.(H) Zoology	WEIGHT LIFTING	INTER-COLLEGE	SILVER MEDAL
13	VIKRANT SINGH	B.A. Programme)	WEIGHT LIFTING	INTER-COLLEGE	SILVER MEDAL
14	DHARMESH	M.A.(Sanskrit)	TAEKWONDO	INTER-COLLEGE	SILVER MEDAL
15	NEERAJ	B.Sc.(H)Physics	TAEKWONDO	INTER-COLLEGE	SILVER MEDAL
16	SUMIT VATS	B.A. (Programme)	TAEKWONDO	INTER-COLLEGE	SILVER MEDAL
17	AMIT	B.A.(Programme)	BOXING	INTER-COLLEGE	SILVER MEDAL
18	ABHISHEK KUMAR	B.Sc.(H) Zoology	BOXING	INTER-COLLEGE	SILVER MEDAL
19	CHANDRABALA	B.Sc. Life Science	BOXING	INTER-COLLEGE	SILVER MEDAL
20	ANJALI	B.A.(Programme)	BOXING	INTER-COLLEGE	SILVER MEDAL
21	HARISH GAUTAM	B.Sc. Physical Science	BOXING	INTER-COLLEGE	SILVER MEDAL
22	KAVINDER	B.Sc. Computer Science	BODY BUILDING	INTER-COLLEGE	SILVER MEDAL
23	MOHIT	B.A.(Programme)	BODY BUILDING	INTER-COLLEGE	SILVER MEDAL
24	SAMEER KUMAR	B.A. (H) Hindi	BODY BUILDING	INTER-COLLEGE	BRONZE MEDAL
25	RAJESH	B.Sc. Physical Science	BODY BUILDING	INTER-COLLEGE	BRONZE MEDAL
26	HIMANSHU GAUTAM	B.Sc. Physical Science	BOXING	INTER-COLLEGE	BRONZE MEDAL
27	RAHUL KUMAR	B.Sc. Physical Science	BOXING	INTER-COLLEGE	BRONZE MEDAL

28	AKASH VERMA	B.Sc. Physical Science	BOXING	INTER-COLLEGE	BRONZE MEDAL
29	JYOTI BISHT	B.Sc. Physical Science	BOXING	INTER-COLLEGE	BRONZE MEDAL
30	SANGEETA	B.A.(Programme)	BOXING	INTER-COLLEGE	BRONZE MEDAL
31	MOHD. AZAM	B.A.(Programme)	WEIGHT LIFTING	INTER-COLLEGE	BRONZE MEDA
32	VISHWAJEET ROSHAN	B.Sc. Industrial Chemistry	WEIGHT LIFTING	INTER-COLLEGE	BRONZE MEDAL
33	ANKIT KUMAR YADAV	B.Sc. Industrial Chemistry	WEIGHT LIFTING	INTER-COLLEGE	BRONZE MEDAL
34	DEEPAK BHATI	B.Sc. (H) Zoology	POWER LIFTING	INTER-COLLEGE	BRONZE MEDAL
35	SUMAN RANA	B.Sc. (H) Zoology	TAEKWONDO	INTER-COLLEGE	BRONZE MEDAL
36	GANESH KUMAR YADAV	B.A.(Programme)	TAEKWONDO	INTER-COLLEGE	BRONZE MEDAL
37	BHUSHAN KUMAR	B.A. (H) Hindi	CROSS COUNTRY	INTER-COLLEGE	BRONZE MEDAL
38	HIMANSHI CHOUDHARY	B.Sc. Physical Science	ARCHERY	NATIONAL	PARTICIPATION
39	DHEERAJ RAI	B.A.(Programme)	ARCHERY	NATIONAL	BRONZE MEDAL
40	KRISHAN SHARMA	FYUP-Hindi	ARCHERY	NATIONAL	PARTICIPATION
41	KULDEEP	B.A.(H) Hindi	ARCHERY	STATE	SILVER MEDAL
42	NIKHIL	B.A.(Programme)	ARCHERY	STATE	SILVER MEDAL
43	PRAVEEN	B.A.(H) Hindi	ARCHERY	STATE	SILVER MEDAL
44	VIVEK	B.A.(Programme)	ARCHERY	STATE	BRONZE MEDAL
45	NEERAJ	FYUP-Political Science	ARCHERY	INTER-COLLEGE	BRONZE MEDAL
46	ROHIT ATRI	B.SC.(H) Phyiscs	FENCING	NATIONAL	PARTICIPATION
47	SOURAV SAINI	B.A.(Programme)	SHOOTING	NATIONAL	PARTICIPATION
48	SHIVYANSHI KUMAR	FYUP-English	TAEKWONDO	INTER-COLLEGE	SILVER MEDAL
49	YATIN PRABHAKAR	FYUP-Economics	TAEKWONDO	INTER-COLLEGE	BRONZE MEDAL
50	DEEPAK	B.A.(H) Hindi	TAEKWONDO	INTER-COLLEGE	BRONZE MEDAL
51	KAPIL YADAV	B.A.(Programme)	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
52	VISHWAJEET	B.Sc. Physical Science	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
53	NARVEER	B.Sc. Industrial Chemistry	WEIGHT LIFTING	INTER-COLLEGE	GOLD MEDAL

54	PAWAN	M.A. (Hindi)	BEST PHYSIQUE	UNIVERSITY	PARTICIPATION
55	SAMEER KUMAR	B.A.(H) Hindi	POWER LIFTING	INTER-COLLEGE	SILVER MEDAL
56	TAANSHI	FYUP-Botany	POWER LIFTING	INTER-COLLEGE	SILVER MEDAL
57	VIKRANT SINGH RAJPUT	B.A.(Programme)	WEIGHT LIFTING	INTER-COLLEGE	SILVER MEDAL
58	KAVINDER	B.Sc. Computer Science	WEIGHT LIFTING	NATIONAL	PARTICIPATION
59	ANKIT YADAV	B.Sc. Life Science	WEIGHT LIFTING	INTER-COLLEGE	BRONZE MEDAL
60	ANKIT KUMAR YADAV	B.Sc. Industrial Chemistry	WEIGHT LIFTING	INTER-COLLEGE	BRONZE MEDAL
61	VISHAL SOLANKI	B.A.(H) Hindi	WEIGHT LIFTING	INTER-COLLEGE	GOLD MEDAL
62	VISHAL SOLANKI	B.A.(H) Hindi	POWER LIFTING	INTER-COLLEGE	GOLD MEDAL
63	NARVEER	B.Sc. Industrial Chemistry	POWER LIFTING	INTER-COLLEGE	SILVER MEDAL
64	VIKRANT SINGH RAJPUT	B.A.(Programme)	POWER LIFTING	INTER-COLLEGE	BRONZE MEDAL
65	KAVINDER	B.Sc. Computer Science	POWER LIFTING	INTER-COLLEGE	BRONZE MEDAL
66	SAMEER KUMAR	B.A.(H) Hindi	WEIGHT LIFTING	INTER-COLLEGE	SILVER MEDAL
67	SAMEER KUMAR	B.A.(H) Hindi	BEST PHYSIQUE	INTER-COLLEGE	BRONZE MEDAL
68	KAVINDER	B.Sc. Computer Science	BEST PHYSIQUE	INTER-COLLEGE	BRONZE MEDAL
69	SAGAR SINGH NARWAT	FYUP-History	BOXING	STATE	GOLD MEDAL
70	HARISH	B.Sc. Physical Science	BOXING	INTER-COLLEGE	SILVER MEDAL
71	HIMANSHU	B.Sc. Physical Science	BOXING	INTER-COLLEGE	BRONZE MEDAL
72	CHANDRA BALA	B.Sc. Life Science	BOXING	INTER-COLLEGE	BRONZE MEDAL

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

No systematic format is used for seeking such feedback. However to improve the performance, the Principal holds meetings with all the departments to discuss the result. Teacher in-charge of each department seeks students' feedback on teaching-learning through the interaction with the students. The feedbacks are discussed with the teachers department wise and possible remedial measures are undertaken and implemented for the improvement.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials

brought out by the students during the previous four academic sessions.

The annual College Magazine 'DESH' is published in each academic session. Students are encouraged to write articles for the college magazine. It provides ample scope to the students to explore their skills. Societies of various departments regularly organize several activities in their annual fest where students get an opportunity to show case their talents. Botanical Society publishes an annual magazine "PETALS".

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes, the college has a Student Union which is similar to Student Council. Student Union is an elected body having following office bearers:

- President
- Vice-President
- Secretary
- Joint-Secretary
- Two Central Councilors
- College organises "Oath Taking Ceremony "for the Student Union every year. The major activity of the student union is to organize Annual Cultural Festival "SABRANG" in coordination with the cultural committee.
- The source of funding of the union is the fees (College Student Union Fund), collected at the time of admission from all the students and sponsorships.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The academic and administrative bodies that have student representatives on them:

- Union Advisory Committee
- NCC Unit
- NSS Unit
- Departmental Societies.
- Placement Cell.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

Most of the former faulty members are Life members of Deshbandhu College Teachers Association. They are always invited in the meetings of the association. The College also invites them on various functions. Over the years, our alumni had been the Chief guests at Annual Functions. The College has invited its alumni for motivational lectures several times.

CRITERION VI: GOVERNANCE,LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

The ***vision*** of Deshbandhu College is to deliver Innovative, highly effective, all- encompassing quality education for inculcating human values, professionalism and scientific instillation to all sections of students. The College aspires to make the students aware of the institutional as well as individual needs and thus working with instinct, innovation and insight.

The college follows a three-fold system with academic, co-curricular and extra–curricular programs to translate its Mission statements as stated in 1.1.1. To encourage self-learning and to satisfy the thirst for knowledge of the students, the college library has a massive collection of text & reference books, a host of journals and magazines, a spacious reading room, a separate floor for teachers and research scholars, and a book bank section which lends text books to needy students.

The college promotes organization of seminars, lectures, workshops, N.S.S., N.C.C. and other co-curricular activities. A number of scholarships and financial aid are provided to meritorious and needy students every year. The College has created a spacious "Web Access Center" in which 80 computers and servers provided by the Delhi University are housed. The servers have optical fiber connectivity and the College campus is Wi-Fi enabled. In addition there is a dedicated facility for use of computers and Internet connectivity in the library.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Deshbandhu College being fully maintained constituent college of the University of Delhi has top management the Governing Body. Two faculty members, in the capacity of teacher representatives, are members of the Governing Body. Hence they are actively involved in the decision-making process to sustain and enhance quality of education imparted by the college.

The Principal is the member secretary of the Governing Body and the administrative Head of the institution. He ensures that all provisions of the University bye-laws, the Statutes and the regulations are observed. He also convenes meetings of the Staff Council and its various committees to take policy decisions and develop strategies for academic growth. As per University Ordinance XVIII, the Principal is the ex-officio Chairman of the Staff Council which can take policy decisions.

6.1.3 What is the involvement of the leadership in ensuring:

- **the policy statements and action plans for fulfillment of the stated mission**
- **formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence**
- **Champion organizational change**

The Head of the Institution, the Principal, is responsible for both the academic and administrative functioning of the college. He prepares the agenda for the Governing Body meetings and places before the Governing Body the academic and administrative matters requiring the Body's approval and is responsible for executing its decisions. He is also responsible for all the correspondence with the Governing Body, University Grants Commission, University of Delhi and different stakeholders of the college. The Principal receives reports from the different Staff Council Committees with their proposals and take policy decisions which are further discussed in Staff council meeting and finally approved in the Governing Body. University Committee holds periodical inspection of the college. Provident Fund Committee & Building Committees are also instrumental in the formulation of action plans for operations and incorporation of the same into college's strategic plan.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

As per University Ordinance XVIII :

- There should be a Staff council in every college.
- All members of the teaching staff, the Librarian and the Director of Physical Education shall constitute the Staff Council.
- Subject to the provision of the Act, the Statutes and the Ordinances of the University, the Principal shall act as Principal-in-Council in respect of matters on which Staff Council is required to take decisions and the Staff Council shall take decisions in respect of the following matters:
    - Preparation of College time –table.
    - Allocation of extra-curricular work of teachers not involving payment of remuneration.
    - Organising extra-curricular activities, including cultural activities of students, sports, National Service Scheme (NSS) and other social services schemes and academic societies.

- Laying down guide-lines for purchase of library books and laboratory equipment in consultation with the appropriate departments
- Organising admission of students.

- Subject to the provision of the Act, the Statutes and the Ordinances of the University, the Staff Council Shall make recommendation in respect of following matters:
  - Formulations of recommendations on introduction of New teaching posts in the departments and expansion of existing departments;
  - Formulation of admission policy within the framework of the policy laid down by the University;

- The Staff Council shall function through Committees appointed by the Council.

The Principal in coordination with Staff Council, its different Committees, Teachers in-charge, NSS & NCC programme officers monitor all the institutional activities and evaluates policies and plans of the college for effective implementation and improvement from time to time. The faculty is informed of their duties and responsibilities by the head of the institution in the scheduled staff meetings and departmental briefings. The administrative staff is given a job map along with the roles and responsibilities.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

Members of the the Governing Body, the top management, meet time to time. The problems / issues related to college development, administration, appointments, requirement of infrastructure and student disciplines are discussed. In the Governing Body meeting, the Principal and two faculty members are also present to provide information and suggestions. This creates an environment conducive for the academic growth.

6.1.6 How does the college groom leadership at various levels?

The College provides academic leadership to the faculty members by different committees of Staff Council: AWP Committee, Building & Furniture Committee, Canteen Committee, Cultural Committee, Development Fund Committee, Editorial Board, Financial Assistance Committee, Grievance Committee, Library Committee, Proctorial Committee, Purchase Committee, Prospectus Committee, Time -Table Committee & Union Advisory Committee. Committees are constituted in each academic year. Conveners of these committees are revisited every year. Committees consist of senior and young faculty members. It helps them to share and learn leadership qualities.

To groom leadership among the students the Principal and the faculty members remain intensively engaged throughout the academic session. The College students remain in the forefront in the entire academic, cultural and sports activities at all levels. They also make their strides in the national and international level competitions. The members of the Students Union and Departmental societies take part in the day-to-day activities of the College. This helps the students to attain leadership qualities

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

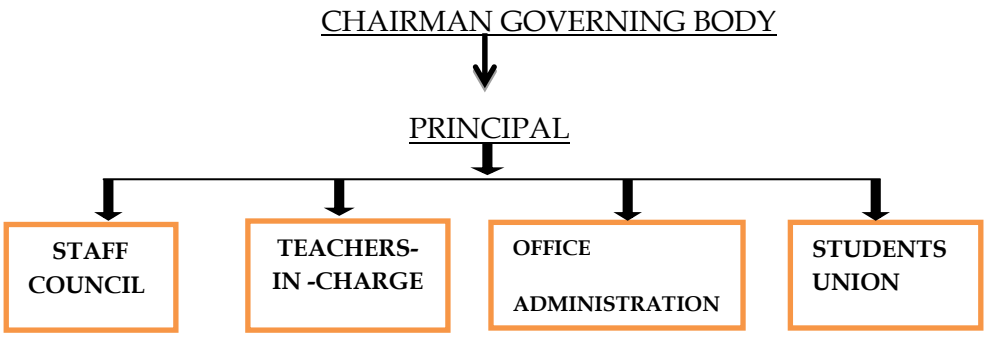
The College provides operational autonomy to the various departments and committees and works towards a decentralized functioning system as follows:

The College appoints a teacher in-charge for each department by rotation for a period of two years. Teacher in-Charge coordinates in all activities of the department.

The College has different Staff Council committees and various societies. Each committee and society has a convenor. The convenor chalks out all programmes consulting other members. Within the departments and societies, the teachers and students work in a co-operative spirit, helping and motivating each other and encouraging every individual to grow.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, the College promotes a participatory management culture in all activities. The following chart shows levels of participative management:



6.2 Strategy Development and Deployment

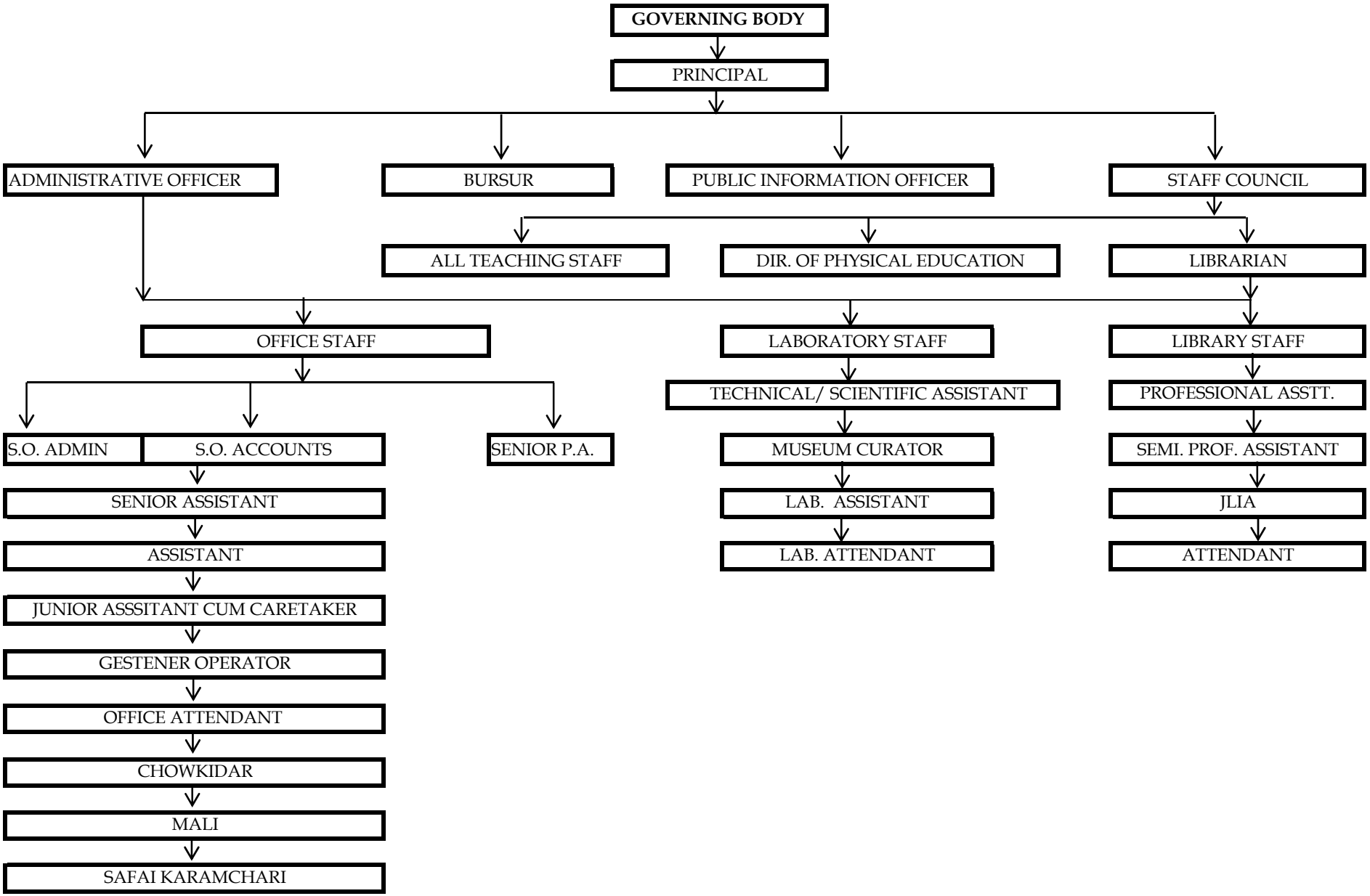
6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

The College being maintained by the University of Delhi follows all the rules and regulations of the University. As such the college has no formally stated quality policy. However all efforts are made to impart quality education.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, the College has a perspective plan for academic and infrastructure development. To develop physical infrastructure, college has planned to add new academic block consisting of 59 class rooms, 8 science laboratories, 6 computer laboratories, seminar room, gymnasium, student common room, canteen and all facilities for differently abled. Master plan for the construction of new academic block has been approved by MCD. Construction will start after the final nod from the concerned authorities.

6.2.3 Describe the internal organizational structure and decision making processes.



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- **Teaching & Learning**
- **Research & Development**
- **Community engagement**
- **Human resource management**
- **Industry interaction**

To improve the teaching and learning:

The College provides modern teaching aids like LCD projectors, well-equipped laboratories with lab assistants, well-stocked library with reading room & round the clock Internet facility.

To improve the quality in Research & Development:

The College encourages the teachers to submit research projects to various funding agencies. The faculty members are also encouraged to participate and organize seminars/ workshops/ conferences / symposiums. The College invites eminent scientists for delivering talks/presiding the practical session of the seminars.

Community Engagement:

NCC and NSS units of the college undertake community-oriented activities like health-hygiene awareness, blood donation, AIDS awareness, environmental awareness, tree plantation in coordination with different N.G.Os.

Human Resource Management & Industry Interaction:

The Placement Cell of the College explores the global trends in employment opportunities in various sectors and invites experts from industry to interact with students.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Principal, being the administrative Head of the institution, in coordination with various committees of Staff Council ensures that adequate information is available on the College Website and Prospectus. Recommendation of the different committees is communicated to the Governing Body from time to time by the Principal.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The Governing Body is always encouraging and supporting the involvement of the staff members in the improvement of the effectiveness and efficiency of the institutional processes. The committees of the Staff Council play the decision-making role in planning and implementation of activities in different spheres of the College.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The Governing Body's resolutions were implemented as per the guidelines of University of Delhi.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

As of now no such provision is made by University of Delhi.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

Grievance Committee and Proctorial Committee of the college ensure that complaints if any are promptly attended to and resolved effectively. The Principal is also accessible to all stakeholders.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No, there has been no court cases filed by and against the institute during the last four years.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

There is no such formal mechanism for analyzing student feedback on institutional performance.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The efforts made by the College to enhance the professional development of its teaching and non-teaching staff are:

- Encourages faculty members to attend academic development programmes like, orientation programmes/ refresher courses/ seminars/ workshops/conferences, etc. The College provides duty leave and possible financial support to attend such programmes.
- Permits the teachers to submit research projects to various funding agencies. They are also motivated to join individual research for M.Phil./Ph.D. programme.
- The non-teaching staff members are encouraged to attend the training programme on functioning and management of library, training on the use of free and open source software in library etc.
- The computer skill development programmes are organized for teaching and non-teaching staff.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The College sends non-teaching staff members from administrative office and laboratories to attend various training programmes organized by the University.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The Proforma for Performance Based Appraisal System (PBAS) for Promotion under CAS has been designed by University of Delhi. Components of the Proforma are:

- General Information and Academic Background
- Teaching Learning Evaluation Related Activities
- Co-Curricular, Extension and Professional Development Related Activities
- Research and Academic Contributions
- Training Courses and Conference/Seminar/Workshop/Papers
- Other Relevant Information

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Promotion to next grade is based on the above mentioned Proforma as per the guidelines of University of Delhi.

6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The College has several welfare schemes for its teaching and non-teaching staff like Duty leave, Medical leave, Group Insurance Scheme, Medical Reimbursement, Child Care Leave and Leave Travel Allowance as per the rules of University of Delhi.

Several staff members have availed the benefit of such schemes during the last four years.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Deshbandhu being a constituent College of University of Delhi follows all the rules and regulations of the University. All appointments are made on the basis of merit. The College provides pay scales as per University and UGC rules.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The financial resources of the College are managed in a very effective and efficient way. The College asks for the requirements from all departments before the onset of every academic session. The requirements are discussed in Purchase Committee & Development Fund committee. For efficient use of the financial resources, the budget is prepared and justified purchases are done every year.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The internal audit is done by the Audit Committee of the University of Delhi every year. External audit is conducted by "The office of the Director General of Audit Central Revenues" (AGCR).

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative

activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The College being Constituent College is 100% funded by UGC and University of Delhi.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The College has no source of additional funding other than as prescribed by the University of Delhi in the form of Development Fund.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

b. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?

c. Does the IQAC have external members on its committee?
If so, mention any significant contribution made by them.

d. How do students and alumni contribute to the effective functioning of the IQAC?

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The College is applying for the Cycle 1 accreditation. The Internal Quality Assurance Cell (IQAC) has not been constituted so far. The College is planning to constitute the same from the next academic session.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

The College does not have a structured integrated framework for quality assurance of the academic and administrative activities. The Staff Council works for all kinds of academic and administrative activities and helps in quality assurance of these activities. The Principal is the Chairman of the Staff Council. All teachers of the College are the members of this Council. The Council has different committees and subcommittees for specific academic and administrative activities.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

No such formal training is given to the staff. However the College has developed an efficient coordinating and monitoring mechanism for the effective implementation of the quality assurance procedures. Responsibilities are assigned to individual teachers and departments. Where specific skills are required, various departments hold workshops to train the staff.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

University of Delhi has its own mechanism for academic auditing of its affiliated colleges. Every college has to be audited every alternate year.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The internal quality assurance mechanisms of the College are aligned with the external agencies like University of Delhi.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The College follows all the rules & regulations of Delhi University, UGC guidelines and maintains standards in teaching-learning process.

6.5.7How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders? Any other relevant information regarding Governance Leadership and Management which the college would like to include.

The College informs its quality assurance policies to the internal stakeholders i.e. Students, teaching and non-teaching staff through Circulars, Notice Board, College Website & Staff Council meetings. The external stakeholders are informed about it through college prospectus and website.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

No, the College has not yet conducted any kind of Green Audit of its campus and facilities.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

* **Energy conservation**
* **Use of renewable energy**
* **Water harvesting**
* **Check dam construction**
* **Efforts for Carbon neutrality**
* **Plantation**
* **Hazardous waste management**
* **e-waste management**

The College has taken all possible initiatives to make the campus green & eco-friendly. Tree plantation in the college campus is a regular activity of the NSS unit. A botanical garden maintained by the Department of Botany adds to the greenery of the college. There is a Water harvesting plant in the college campus.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The College has taken following steps to implement innovative ideas for its smooth functioning:

- Development of Web Access Centre.
- Setting up research laboratories.
- The installation of LCD projectors in classrooms to facilitate e- learning.
- Providing laptop to the students of Ist Year.
- Computerization of library with an access to electronics resources from DULS and UGC-INFONET.
- Introduction of N-LIST Programme
- Round the clock Wi-Fi facility to enable students to acquire more teaching and learning knowledge.

- Computerization of Administrative Block**.**
- A functional website for important notices, time-table and day to day updates to be uploaded time to time.
- Surveillance through CCTV cameras in college campus.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

Two Best Practices :

The term "Best Practice" has been used to describe "what works" in a particular situation or circumstances (or environment). Best practices have been advantageous to all grade levels and also provide the building blocks for instructions. Deshbandhu College follows and encourages various practices every year to motivate, engage, encourage and prompt students to learn. These practices provide them opportunities to hone their ethics and leadership potential. Two best practices of the College in the last four years are:

1. **INSPIRE Internship Programme**
2. **Placement Cell**

1. Title of the Practice : INSPIRE Internship(Innovation in Science Pursuit for Inspired Research)

INSPIRE – Innovation in Science Pursuit for Inspired Research – Programme was launched by The Department of Science and Technology, Government of India on 13th December 2008. Inspire is an innovative programme, with long term foresight , to strengthen the National Science and Technology base and to attract talent to the excitement and study of science at an early age. The College has been organizing **INSPIRE Internship** Programme for the last three years to promote scientific temperament among the young students.

➢ Goal

The basic Goal of INSPIRE is to communicate to the youth population of the country the excitements of creative pursuit of science and attract talent to the study of science at an early stage. Aim of Inspire is to build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base. The objective of INSPIRE Internship

is to motivate talented youth to take-up research as a personal undertaking by rubbing shoulders with global icons of science including Nobel Prize Winners. INSPIRE programme does not believe in conducting competitive exams for identification of talent at any level. It believes in and relies on the ability of the existing educational structure for identification of talent. This component of the program aims to work as a life-long catalysing experience for the 11th graders in science stream. The ultimate goal is to excite students about science, highlight the work by Indian scientists, and bring out career opportunities in India.

- **The Context**

Generation and nurturing of a human talent pool capable of utilizing and developing first principles in science is both a pre-condition and integral part of such an innovation infrastructure. An India specific model for attracting talent with an aptitude for research and innovation, for a career in basic & natural sciences is required. One of the DST initiatives for Early Attraction of Talent for Science (SEATS) is INSPIRE Internship in which annually about 50,000 students of top 1% performers in Class X board examinations and pursuing science at 10 + 2 level are given an exposure with leaders in science in the Summer/Winter camps to experience the joy of innovations. . Scientists, various Academy Fellows, Bhatnagar Awardees, academicians of national and international repute are invited as Mentors (suggested by INSPIRE-Academy Panel) for the Internship programme.

Mentors interact with the students through lectures related to scientific success stories and joys of innovation across all science streams which in turn nourish the curiosity of children in science; help them to think out of the box and attract them at an early age of 16-17 years to enroll/pursue their career in science.

- **The Practice**

The College organizes INSPIRE programme in co-ordination with departments of Botany, Chemistry, Physics and Zoology. The duration of the programme is five days. 200 top rankers (93% & above in 10th grade) studying in class XI in science stream are selected from different schools of Delhi and NCR. Students are accompanied with their teachers. The everyday schedule of the programme:

- **Morning Session:** Lectures

Every day two lectures of 90 minutes duration (45 minutes lecture plus 45 minutes for questions and answers) so that clarity and precision could be achieved. Lectures focus on disciplinary content in physics, chemistry, biology ,geology (earth science) and mathematics emphasizing key concepts rather than information; and interdisciplinary in nature bringing out connections between at least two disciplines such as mathematics and physics, chemistry and biology, chemistry and earth sciences etc. During lectures resource persons share their personal achievements and success stories with the students.

- **Afternoon Session**: devoted to experiments. Participants are divided into 8 groups. Two hours **Hands-on Workshop Session** in Botany Lab, Chemistry Lab, Physics Lab and Zoology Lab with each group of 25 participants includes laboratory experiments.

- **Interactive Session**: for direct contact with scientists and group discussions.

The topics are not covered in an information delivery fashion, rather concept-based to bring out the inter-disciplinary connections and to excite the young minds about what remains unknown. The lectures always include what syllabi often do not do, such as emphasizing concepts, bringing out connections within and across disciplines, indicating current frontiers whereas practical sessions provide hands-on experiments. Resource persons share the challenges and excitement of practicing science, and present a wide variety of topics not limited to their own areas of interest. Some of the very interesting topics covered during the programme are: -

- **Genes , Genomics and Cancer**
- **Why Biology is so exciting**
- **Energy Harvesting**
- **Luminaries of Indian Science: Life and work of a chemist and Physicist**
- **Genome Biology – Providing Answers to Who We Are?**

Contemporary issues such as solar power, climate, environment, wildlife conservation, epidemic diseases, India's moon mission etc. are also discussed during interactive sessions. Students are introduced to unknown domains of science going beyond the known and factual knowledge. At the conclusion of the programme, a feedback is obtained from the participants to ascertain its effectiveness.

➢ Evidence of Success

Evidence of Success can be determined from the feedback given by the participants. Students who participate in this programme are 11th class students, who are too young to attend such long sessions but behavioural change was seen among them. They were enthusiastic and inquisitive. Inspire -Internship inculcated a spirit of discipline and responsibility among students. Not a single student was late for any session. No one walked out in between even for water or some other excuse. Credit goes to the reputed and enthusiastic scientists who delivered inspiring and motivating talks and also interacted with all students during the free time.

➢ Problems Encountered and Resources Required

Duration of the programme is only 5 days. All topics of science are too vast to be covered in two lectures per day. Students get less time for interactions with their mentors and Hands-on Laboratory Innovative Experiments. Students want to discuss career options in academia and industry and scope for entrepreneurship in basic science at length, their young minds want to explore more. Coordinator of the programme finds it difficult to adjust time for significant module of demonstrations, laboratory experiments, and visits to laboratories, museums and observatories.

2. Title of the Practice: Placement Cell

Placement Cell of the College plays a key role in counselling and guiding its students for their Successful Career Placement which is a crucial interface between the stages of completion of academic program of the students and their entry into a professional career.

➢ Goal

The Goal/Objective of Placement Cell is to provide career guidance and placement opportunities to all the students studying in Deshbandhu College. Placement Cell is committed to provide all possible assistance to its students in their efforts to find employment. Focus of the Placement Cell is to train the students on industry needs, to develop knowledge and skills of students and provide them best of opportunities available within the country and abroad.

➢ The Context

The College started its placement cell in 2011. The placement cell of Deshbandhu College has always been a guiding factor for the students and has helped them to work on their skills, aptitudes, strengths and weakness. Placement cell has been doing considerable work for career guidance and recruitment of students thus helping them in shaping their future positively. The cell works as a platform for moulding the students according to the requirements of the corporate world. Campus placements provide easy access to job prospects, and the placement cell has given its impetus in fulfilling the dreams of the aspiring students.

➢ The Practice

The placement cell is managed by a team of 16 members (students) under the guidance of one faculty member (Placement Cell In-Charge). Students in the team are selected from second year and final year. The cell provides job opportunities only to the final year students. Second year students are inducted in the team just to get exposure to the working of the cell. The cell maintains a complete database for the final year students. Placement cell in-charge invites various organizations for campus recruitment. The team of cell makes arrangements for pre-placement talks, interviews, written test and group discussions etc. as per the requirements of the visiting organizations. Some of the major activities of the cell to provide a platform for the budding students to interact with professionals from various industries:

- A Seminar by 'JAIPURIA INSTITUTE'
- A Quiz by IMT-Ghaziabad
- Workshop by French Embassy
- A Workshop on Android version (app making) Aapeneur.
- Placement cell team participated in an audience call programme (live) session at NDTV office.

Companies offering suitable jobs to the college students contact the placement cell and hold interviews to identify potential of the students. In the last four years various companies have visited the college campus. like; Alankit, Hotel Solutions India, GENPACT, IBM, Jaypee, Google, Wase Programme, Essar, Tata Consultancy Service(TCS), Global Optics and Career Net, South Indian Bank, Libsys Pvt. Ltd, Aircel, Oberoi Groups, Spiritual Genex, HDFC Life Insurance,IBM Daksh, Serco, Proriviti, University 18 etc.

➢ Evidence of Success

Success of the placement cell is apparent from the number of companies visiting the college in just a short span of three years and the number of students placed with these companies. The graph of the number of placements is growing up every year.

Placement Records (Academic Year 2011-2012)	
Name of the Company	**No of Students Selected**
Tata Consultancy Services	20
IBM	25
Genpact	35
Global Optics and Career Net	20

Placement Records (Academic Year 2012-2013)	
Name of the Company	**No of Students Selected**
Aircel	25
Air India	35
Libsys Pvt. Ltd.	18
Oberoi Group	20
Spiritual Genex India Pvt. Ltd.	12
Parikrama	01
Mahagun	05

Placement Records (Academic Year 2013-2014)	
Name of the Company	**No of Students Selected**
HDFC life insurance	21
University 18	15
Genpact	20
Prakash Legal Advisors	05
IBM Daksh	25
Serco	10
Proriviti	08
Eage Tutor	20
Concentrix	35
Mahagun	05

On 13th January 2015, **Libsys Pvt. Ltd**. selected 07 students for their sales, finance and technical wings.

On 17th January 2015**, Royal Bank of Scotland** selected 36 students for final round which took place in their office for Banking Operations job. 25 students cleared the final round.

On 20th January 2015, **TCS** gave call letters to 17 students.

On 23rd January 2015, **ICICI Prudential Life Insurance** selected 14 students for the job of Insurance Salesman.

The performance of placement cell is worth acknowledging. The vision of placement cell has always and will be enriching the lives and fulfilling the dreams of our students.

➢ Problems Encountered and Resources Required

The Placement Cell has to build a long-term mutually beneficial relationship between the college and Industry. Desirable regular attention of the team members and placement cell in-charge with the industry is a big constraint. Due to limited time for studies in semester system, members of the team find it difficult to interact with various companies. Though the number of students applying for campus placement is growing each year, but the inadequate infrastructure and space crunch for the invited companies to hold their interviews is a big problem encountered by the cell.

Contact Details

Name of the Principal	:	Dr. Ajay Kumar Arora
Name of the Institution	:	Deshbandhu College
City	:	New Delhi
Pin Code	:	110019
Accredited Status	:	IEQA
Work Phone	:	011-26439565
Fax	:	011-26449396
Website	:	www.deshbandhucollege.ac.in
E-mail	:	dbcollege.du@gmail.com

Evaluative Report of the Department of Bio - Chemistry

1. Name of the Department : **BIO -CHEMISTY**
2. Year of Establishment : **1988**
3. Names of Courses offered : **B.Sc. (Hons.) Bio-Chemistry**
4. Names of Interdisciplinary courses and the departments/units involved

- **Departments of Chemistry, Computer Science, English, Mathematics, & Physics.**

5. Annual/ semester/choice based credit system (programme wise) :

- **Semester**

6. Participation of the department in the courses offered by other departments

- **N/A**

7. Courses in collaboration with other universities, industries, foreign institutions, etc. :

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons:

- **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	**02 Promoted to Associate Professor under MPS/CAS**
Assistant Professors	**05**	**03**

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,) :

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for
Dr. Kamana Singh	M.Sc., Ph.D.	Associate Professor	Enzymology, molecular biology, cell biology	24	-
Dr. Rajni Jain	M.Sc., Ph.D.	Associate Professor	Enzymology, molecular biology, cell biology	24	-
Dr. Preeti Karwal	M.Sc., Ph.D.	Assistant professor	Microbial Pathogenesis Molecular Genetics Molecular Cell Biology	6	-

11. List of senior visiting faculty :

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

- **40% (Approx.)**

13. Student -Teacher Ratio (programme wise) :

- **18.6 : 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Lab Assistant	02	02
Lab Attendant	02	02

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

- **NIL**

18. Research Centre /facility recognized by the University:

- **NIL**

19. Publications:

∗ a) Publication per faculty:

∗Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name of Faculty	**Number of papers published in peer reviewed journals (national/ International)**	**Chapter in Books**	**Books Edited**
Dr. Kamana Singh	10	NIL	NIL
Dr. Rajni Jain	05	NIL	NIL
Dr. Preeti Karwal	03	NIL	NIL

* Monographs
* Books with ISBN/ISSN numbers with details of Publishers
* Citation-index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in

a)National committees b) International Committees c) Editorial Boards…. : **N/A**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **N/A**

23. Awards / Recognitions received by faculty and students**: N/A**

24. List of eminent academicians and scientists / visitors to the department.

- **Dr. A. C. Banerjee, National Institute of Immunology, Delhi.**
- **Dr. Om Singh, National Institute of Immunology, Delhi.**
- **Dr. N. K. Mehra, All India Institute of Medical Sciences, Delhi.**
- **Prof. Gaya Prasad, Hissar Agricultural University, Haryana.**
- **Dr. H. K. Prasad, All India Institute of Medical Sciences, Delhi.**
- **Dr. Vani Brahmachari , Ambedkar Center for Biomedical Research, Delhi.**
- **Dr. Vinay Nandicoori, National Institute of Immunology, Delhi.**
- **Dr. Anurag Agrawal, Institute of Genomics and integrative Biology, Delhi.**
- **Dr. Ashwani Pareek, Jawahar Lal Nehru University, Delhi**.

- **Dr. Suneeta Saxena, Indian Council of Medical Research, Delhi.**
- **Dr. T. S. Rao, Department of Biotechnology, Delhi.**
- **Dr. Somdutta Sen, The Center for Genome Applications, Delhi.**
- **Dr. H. S. Misra, Bhabha Atomic Research Center, Mumbai.**

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:

- **National advances on recent advances in immunology, 30th Jan 2009.**
- **National symposium on current trends in genomics and proteomics, 4th and 5th Feb. 2010.**

b) International: **NIL**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library	**:**	**College Library**
b) Internet facilities for Staff & Students	:	**Common Access through College Internet**
c) Class rooms with ICT facility)	:	**One Class Room with LCD Projector**
d) Laboratories	:	**01**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to clause 5.1.3**.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- **Same as in Question 25.**

33. Teaching methods adopted to improve student learning.

- **Power Point Presentation & Interactive Group Discussions.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- **N/A**

35. SWOC analysis of the department and Future plans :

Strength:

- All the needed equipment are there in the Department example Bio-Rad page, High speed centrifuge, UV Visible spectrophotometer, BOD incubator, compound microscope and stereoscope etc.
- The Department has highly qualified and meritorious teachers.

Weakness:

- Lack of computers in the lab.
- Separate instrumentation room equipped with AC.

Future Plans:

- Faculty wants to have a new building for the Department.

Evaluative Report of the Department of Botany

1. Name of the Department : **BOTANY**

2. Year of Establishment : **1954**

3. Names of Programmes / Courses offered:

- **B.Sc. (Hons)Botany and B.Sc. Life Sciences**

4. Names of Interdisciplinary courses and the departments/units involved:

- **B.Sc. (Life Science) with Department of Chemistry and Zoology.**
- **Environmental Studies**

5. Annual/ semester/choice based credit system (programme wise)

- **Semester**

6. Participation of the department in the courses offered by other departments

- **B.Sc. Applied Physical Science(Industrial Chemistry), B.Sc.(Life Science), B.Sc. (Physical Science), Chemistry, Computer Science, Mathematics, Zoology**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons:

- **FYUP 4 Year Undergraduate Programme- Now restructured as 3 Year Undergraduate Programme (Restructured FYUP)**

9. Number of teaching posts :

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	06 promoted as Associate Professor under MPS/CAS

Assistant Professors	18	11

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)

Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Teaching Experience**	**No. of Ph.D. Students guided for the last 4 years**
Dr. S.K. Aggarwal	M.Sc., Ph.D.	Associate Professor	Plant Systematics, Ecology and Environment	39	N.A
Dr. E. Chauhan	M.Sc., Ph.D.	Associate Professor	Cell Biology, Plant Physiology and Genetics	40	N.A
Dr. Meenakshi Prajneshu	M.Sc., Ph.D.	Associate Professor	Plant Anatomy, Plant Embryology, Economic Botany	38	N.A
Dr. Veena Ganju	M.Sc., Ph.D.	Associate Professor	Mycology & Plant Pathology	34	N.A
Dr. Sarla	M.Sc., Ph.D.	Associate Professor	Pt. Physiology, Cytology, Genetics	24+	N.A
Dr. Bela Bhatia	M.Sc., M.Phil., Ph.D.	Associate Professor	Phycology, Cell Biology, Embryology	20	N.A
Ms. Roshni Rajamohan	M.Sc., B.Ed.,	Assistant Professor	Plant Systematics, Ethnobotany, Crop Genetics	12+	N.A
Dr. Dharmendra Mallick	M.Sc., Ph.D.	Assistant Professor	Plant Physiology, Genetics, Molecular Biology,Plant Biotechnology	10	N.A

Dr. Kumar Shantanu	M.Sc.,M. Phil., Ph.D.	Assistant Professor	Biodiversity, Bryophytes, DNA Barcode, Bioinformatics, Molecular Phylogeny	6	N.A
Dr. Rajender Kumar	M.Sc., M.Phil., Ph.D.	Assistant Professor	Plant Physiology	4	N.A
Dr. Aparna Nautiyal	M.Sc., M.Phil., Ph.D.	Assistant Professor	Plant Tissue Culture , Plant Growth and Development	7+	N.A

11. List of senior visiting faculty:

- **N/A**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

- **39 % (Approx.)**

13. Student -Teacher Ratio (programme wise):

- **B. Sc. Botany (Hons.)- 17: 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :

Post	**Sanctioned**	**Filled**
Lab Assistant	12	7
Lab Attendant	9	5
Museum Curator	1	0

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

- **Meenakshi Prajneshu-** (Co-PI)
  Innovation Project, University of Delhi (2013)
  Project Title -" Influence of plant extracts on the reproductive physiology and behaviour of *Aedes aegypti*".

- **Dr. Rajender Kumar** (Co-PI)
  Innovation Project (2013-14), University of Delhi
  Project Code: DBC- 206
  Project Title: "Impact of climate change on various physical parameters of weather in highly polluted area versus relatively pollution free area"

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **NIL**

18. Research Centre /facility recognized by the University

- **NIL**

19. Publications:
    * a) Publication per faculty - **10.36:1**

*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name	Number of papers published in peer reviewed journals (national/ International)	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. S.K. Aggarwal	11	02	01	**01** **Foundation course in Biology** Ane Books Pvt. Ltd., ISBN 9788190832212

Dr. E. Chauhan	26		1	-
Dr. Meenakshi Prajneshu	12	09	--	-
Dr. Veena Ganju	17	-	1	-
Dr. Sarla	17	06		-
Dr. Bela Bhatia	10	03	01	**02** **Red Algae: Structure, Ultrastructure and Reproduction** APH Publishing Corporation, New Delhi. ISBN 9788170248330 M.R. Vijayaraghavan and Bela Bhatia 1997 **Plant Form and Function** Angkor Publishers Pvt. Ltd. New Delhi ISBN 9788185992051 Bela Bhatia et al.(eds.) 1998.
Ms. Roshni Rajamohan Mathur	03	02	-	-
Dr. Dharmendra Mallick	05	03	-	-
Dr. Kumar Shantanu	02	01	-	-
Dr. Rajender Kumar	06	-	-	-
Dr. Aparna Nautiyal	05	-	-	-

* Monographs
* Citation Index
* SNIP
* SJR
* Impact factor

* h-index

20. Areas of consultancy and income generated:

- **N.A**

21. Faculty as members in

a) National Committees:

- **Dr. S.K. Aggarwal**

- Fellow, Indian Association of Angiosperm Taxonomy (IAAT).
- Life Member, Indian Association of Angiosperm Taxonomy (IAAT).

- **Dr. Meenakshi Prajneshu**

- Life Member, Phytomorphology and Botanica.

- **Dr. Sarla**

- Member, Delhi University Botanical Society.
- Member, Eco-Transformation Centre – Centre for Environment and Rural Upliftment.
- Member, Society of Environmental Scientists.

- **Ms. Roshni Rajamohan Mathur**

- Life Member, Indian Association of Angiosperm Taxonomy.
- Life Member, Indian Science Congress.

- **Dr. Dharmendra Mallick**

- Member, Indian Society for Plant Physiology.
- Member, K. K. Nanda Foundation for Advancement of Plant Sciences.
- Member, Delhi University Botanical Society.
- Member, Eco-Transformation –Centre for Environment and Rural Upliftment.

b) International Committees :

- **Dr. Sarla**

- Member, International Society of Plant Morphologists.

c) Editorial Boards : **N/A.**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme : **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **N/A**

23. Awards / Recognitions received by faculty and students : **N/A**

24. List of eminent academicians and scientists / visitors to the department

- Prof. J. P Khurana, Department of Plant Molecular Biology, South Campus, University of Delhi on September 1, 2009.
- Prof. Dinabandhu Sahoo, Department of Botany, University of Delhi on February 8, 2010.
- Dr. M. Gopalakrishnan, Secretary General, International committee on Irrigation and Drainage, New Delhi on September 15th 2010
- Prof. N.S. Rangaswamy, Department of Botany, University of Delhi, on April 5, 2011.
- Prof. R. Geeta, Department of Botany, University of Delhi in the month of September, 2012.
- Dr. Prem Lal Uniyal, Department of Botany, University of Delhi on September 24, 2013.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

➢ **Symposium**

- Department of Botany and Zoology jointly organized a National Symposium on Vector Biology & Vector Management (Innovation Project, DU) held at Deshbandhu College, Kalkaji, New Delhi - 110019 on June 21, 2013.

➢ **Workshops**

- Department of Botany was involved in the organizing "INSPIRE Internship Program 2012, at Deshbandhu College, University of Delhi, held from October 1-5, 2012.
- Department of Botany was involved in organizing "INSPIRE Internship Program-2013, at Deshbandhu College, University of Delhi, held from December 16-20, 2013.
- Department of Botany, Zoology and Biochemistry jointly organized "Workshop on Applied Genomics and Proteomics" at Deshbandhu College, University of Delhi, in Association with Bio-Rad, held from March 12-14, 2014.

Invited Lectures by Eminent Academicians

- "Genes Controlling Flowering in *Arabidopsis* and Rice" by Prof. J. P. Khurana from Department of Plant Molecular Biology, South Campus, University of Delhi on September 1, 2009.

- "Algae in Climate Change and Sustainable Livelihood Generation" by Dr. Dinabandhu Sahoo from Department of Botany, University of Delhi on February 8, 2010.

- "India's future water challenges" by Dr. M. Gopalakrishnan, Secretary General, International committee on Irrigation and Drainage, New Delhi on September 15th 2010.

- An invited lecture by Prof. N.S. Rangaswamy, Department of Botany, University of Delhi, was organized on April 5, 2011.

- "Does Nothing in Biology Make Sense Except in Context of Evolution" by Prof. R. Geeta, Departt. of Botany, University of Delhi, September, 2012.

- "Conservation of Nature and its Natural Resources" by Dr. Prem Lal Uniyal from Department of Botany, University of Delhi on September 24, 2013.

- "Social Consequences of Biotechnology" by Dr. Rajendra Gupta, Centre for Science and Culture, on September, 18, 2014.

b) International

- **NIL**

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

a) Library-

- **The department has an actively functioning library managed by the Botanical Society which has a collection of more than 300 books.**

b) Internet facilities for Staff & Students

- **Available**

c) Class rooms with ICT facility

- **1 Lecture theatre**

d) Laboratories

- **3 laboratories + 1 Museum**

31. Number of students receiving financial assistance from college, university, Government or other agencies :

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts :

- **Same as in Question 25**

33. Teaching methods adopted to improve student learning-

- Innovative and advanced teaching methodologies and teaching aids including live plant specimens, preserved plant specimens, herbaria, latest literature, e-books, power point presentations, software programmes, demo-videos, short films and documentaries are used in both theory and practical classes.

- To improve the writing and creative skills of the students the department organizes on the spot essay competition and publishes the magazine "PETALS" annually under the aegis of the Botanical Society where students are encouraged and guided to write scientific and literary articles.

- Field trips/Botanical Excursions are arranged annually or half-yearly for students to give an insight into the world of plants in nature and for plant collection which help in understanding the plants and their environment in a better way apart from the basics of the subject.

- Organised a Botanical excursion to Sultanpur lake, Gurgaon, on January 29, 2010.
- Organised a Botanical excursion to Macleodganj, Himanchal Pradesh, in October 2012.
- Organised a Botanical excursion to Dalhousie, Himanchal Pradesh, in October 2013.
- Organised a Botanical excursion to Botanic Garden of Indian Republic (BGIR), Noida, on January 31, 2014.

- Organized a Botanical excursion to Pachmari, Madhya Pradesh, in October, 2014.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- The department has an active Eco-club which has taken up many cleanliness drives in the areas adjacent to the college. Tree/seedling plantation activities also are conducted by the Eco-club from time to time. Our students are active members of NSS and NCC.

35. SWOC analysis of the department and Future plans

Strength:

- Botany department enjoys the distinction of having witnessed the presence of some doyens in the field of Botany who have been among the most venerated teachers in the University. Maintaining the same tradition, the present staff is an excellent blend of dedication, experience, energy and innovation. The faculty of the department makes an accomplished group actively involved in research, teaching, innovation and corporate life of the University. The biggest strength of the department is the rapport every staff member shares with each other. The spirit of the senior colleagues to pass on their expertise and equally eager to learn from juniors has helped in accomplishing the high standards of education adding to the strength of the department. Our faculty members are regular and active participants in various international and national conferences, symposia and workshops which also increase the vistas of knowledge of our students. The faculty of the department delivers lectures in international and national forum and also is involved in organizing various workshops and conferences in the college. Our faculty members are part of various national level organizations associated with research and teaching at various levels and have contributed significant research papers and attended various national and international conferences. The members of our department are active contributors to e-lessons as well as satellite education classes. Keeping abreast with the modern methodologies of teaching, our faculty put in their best efforts in teaching for which they are loved and respected by our students which is reflected in the good results of all the classes our department engages.

Weakness:

- Inadequate infrastructure which has not kept pace with the recent developments in research is a matter of concern for the department. The same remains the biggest challenge in terms of class room space and lab facilities for students and concomitantly for teachers to do justice to teaching and mentoring of students. Despite the scenario which indeed dampens the enthusiasm for research, our faculty members have remained innovative and creative and are engaged in active research.

Opportunities:

- The students of Botany have been a blend of bright, talented and creative lot all these years and have topped at the University level many times. The department organizes the cultural activities and botanical field trips under the aegis of the Botanical Society every year, which gives the students an opportunity to prove their skills in various extracurricular activities. With a degree of graduation in Botany, students are eligible to enroll themselves for masters in Botany and well as further higher education in other allied subjects viz., Genetics, Life Sciences, Plant Molecular Biology, Bioinformatics, Biochemistry, Biotechnology, Microbiology, Environmental Studies, Environmental Science, Marine biology, Agro-forestry, B.Ed. etc. The students find immense opportunities in the technical field in many institutions apart from getting specialist/expert posts with many industrial groups. Students oriented towards research can join good research teams to become scientists of future. Botany students have always proven as good teachers at school, college and University level. Our alumni decorate many organizations both at the national and international levels in various capacities.

Challenges:

- The department has prioritized the up gradation of infrastructure, especially the instrumentation facility of the labs, which will boost the research opportunities for both teachers and students. Our department has a number of ambitious plans to strengthen the existing scientific awareness of colleagues by organizing national level symposia on the modern frontiers of Botany, organizing workshops to strengthen the hands on knowledge of modern techniques in the field and by organizing invited lectures by distinguished scientists so as to inspire the students and teachers alike.

Evaluative Report of the Department of Chemistry

1. Name of the Department : **CHEMISTRY**

2. Year of Establishment : **1952**

3. Names of Programmes / Courses offered :

- **B.Sc. (Hons.) Chemistry**

4. Names of Interdisciplinary courses and the departments/units involved

- **B.Sc. (H) Biochemistry**
- **B.Sc. (Prog.) (Physical Science)**
- **B.Sc. (Prog.) (Life Science)**
- **B.Sc. (H) Physics**
- **B.Sc.(H) Mathematics**
- **B.Sc.(H) Botany**
- **B.Sc.(H) Zoology**
- **B.Sc.(Prog.) Industrial Chemistry**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **Same as in Question 4**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons

- **NIL**

9. Number of teaching posts

	Sanctioned	Filled
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	08 Promoted to Associate Professor under MPS/CAS
Assistant Professors	26	26

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Teaching Experience**	**No. of Ph.D. Students guided for the last 4 years**
Dr.M.S.Bhalla	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	39	-
Dr. Madhuri Goyal	M.Sc., Ph.D.	Associate Professor	Organic Chemistry	31	-
Dr. Usha Rani Arora	M.Sc., Ph.D.	Associate Professor	Organic Chemistry	31	-
Dr. Sushma Mattu	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	29	-
Dr. Brajesh Kumar	M.Sc., Ph.D.	Associate Professor	Physical Chemistry	30	-
Dr. Vivek Saxena	M.Sc., Ph.D.	Associate Professor	Physical Chemistry	22	-
Dr. Manju Chaudhary	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	24	-
Dr. Sushila Singhal	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	11	-
Dr. Deo Nandan Kumar	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	14	-

Dr. Mahesh Chandra	M.Sc., Ph.D.	Assistant Professor	Physical Chemistry	09	-
Ms. Sunita Sanwaria	M.Sc., Ph.D.	Assistant Professor	Polymer Chemistry	07	-
Dr. Namita Gandhi	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	19	-
Dr. Ruby Mishra	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	08	-
Mr. Sanjay Kumar	M.Sc.,M.Phil,	Assistant Professor	Inorganic Chemistry	01	-
Mr. Jugmendra Singh	M.Sc., M.Phil,	Assistant Professor	Physical Chemistry	2.5	-
Dr. Ishwar Datt Vats	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	05	-
Dr. Shilpi Khurana	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	07	-
Dr.Pratibha Kumari	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	07	-
Dr. Umesh Kumar	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	04	-
Dr. Deepti Gupta	M.Sc., Ph.D.	Assistant Professor	Physical Chemistry	4.8	-
Mr. Bhawani Shankar	M.Sc.	Assistant Professor	Organic Chemistry	08	-
Dr. Shilpi Saxena Bhatnagar	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	6.5	-
Dr. Gajendera Singh	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	07	-
Dr. Vaishali Thakral	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	3.7	-
Dr. Aparna Shekhar	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	7.5	-
Dr. Parul Singh	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	03	-

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

- **25%(Approx.)**

13. Student -Teacher Ratio (programme wise): **40: 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Lab Assistant	12	11
Lab Attendant	9	7

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

- **Innovation Projects (Three) sanctioned by University of Delhi.**

18. Research Centre /facility recognized by the University:

- Research laboratory recognized by Delhi University**.**

19. Publications:

∗Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

Name	Number of papers published in peer reviewed journals (national/ International)	Mono graphs	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr.M.S.Bhalla	05				

Dr. Madhuri Goyal	10				03
Dr. Usha Rani Arora					
Dr. Sushma Mattu	03				
Dr. Brajesh Kumar					
Dr. Vivek Saxena	03				
Dr. Manju Chaudhary	10				
Dr. Sushila Singhal	07				
Dr. Deo Nandan Kumar					
Dr. Mahesh Chandra	20				
Ms. Sunita Sanwaria	07				
Dr. Namita Gandhi	03				
Dr. Ruby Mishra	11				
Mr. Sanjay kumar					
Mr. Jugmendra Singh					
Dr. Ishwar Datt Vats	08				
Dr. Shilpi Khurana	03				
Dr.Pratibha Kumari	11				
Dr. Umesh Kumar	07				
Dr. Deepti Gupta	02		e-content (2-Chapter)		
Mr. Bhawani					

Shankar					
Dr.Shilpi Saxena Bhatnagar	14				
Dr. Gajendera Singh	9(International)				
Dr. Vaishali Thakral					
Dr. Aparna Shekhar					
Dr. Parul Singh					

- SNIP
- SJR
- Impact factor
- Citation-index
- h-index

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in

a) National committees

- **Dr. Madhuri Goyal**
  Life Member, Indian Science Congress Association.
- **Dr. Sushma Mattu**
  Life Member, Indian Science Congress Association.
- **Dr. Sushila Singhal**

  Member, Indian Council of Chemists.
  Member, Indian Science Congress Association.
- **Dr. Namita Gandhi**

  Life Member, Indian Science Congress Association.

  Life Member, Indian Thermal Analysis Society.

b) International Committees c) Editorial Boards: **N/A**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme : **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **N/A**

23. Awards / Recognitions received by faculty and students :

- **Dr. Madhuri Goyal received Distinguished Teacher Award, University of Delhi, September 7, 2009**

24. List of eminent academicians and scientists / visitors to the department

- Prof. B. S. Garg, Department of Chemistry, University of Delhi on Green Chemistry.
- Dr. G. S. Sodhi, Associate Professor, Khalsa College on Fingerprinting in Crime detection.
- Prof. A. K. Prasad, Department of Chemistry, University of Delhi on Targeted Drug delivery by Carbohydrates.
- Prof. A. K. Bakshi, Department of Chemistry on Globalization of Knowledge.
- Dr Kshopra Mishra, Scientist F, DRDO on 'Removal of Arsenic Poisoning from Drinking Water'
- Dr V.N.Sehgal, Ex. Director, CBI, govt of India on 'Importance of Chemistry in Forensic Science'.
- Dr Sanjeev Kumar, Professor, IGNOU, on 'Quantum Chemistry'.
- Dr Kamal Kumar Gupta, Associate Professor in Zoology, Deshbandhu College on 'Insect Communication and Chemistry'

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : **NIL**

b) International **NIL**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library	:	**College Library**.
b) Internet facilities for Staff & Students	:	**Available**
c) Class rooms with ICT facility	:	**01 Class Room with ICT facility**
d) Laboratories	:	**03 Laboratories**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops seminar) with external experts –:

- **Special lectures by Eminent Scientist given in Question 24**

33. Teaching methods adopted to improve student learning.

- Faculty members use different I.T. tools like power point presentation & different molecular Models to enhance the learning process.

- Students are encouraged to give power point presentation on different scientific topics of daily interest.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Students of the Chemistry Department have participated in NSS & NCC activities.
- Students & faculty members have participated in **'Swachh Bharat Abhiyaan'**.
- Faculty members of Chemistry Department have actively participated in INSPIRE (a DST project) to encourage young minds with innovative Science projects.
- An educational trip was organized by the department to the scientific laboratory of international repute NPL on their open day to broaden their vision in the frontier areas of research.
- Students have worked in the different innovative projects funded by University of Delhi. During this training, they have visited Solar Energy Plant at Jodhpur & made a project on Non Conventional Energy Resources.
- Students have showcased their talent in their different innovative projects in"ANTARDHVANI"-(Annual & cultural academic fest) organized by Delhi University.
- Students & faculty members organized the Chemical Society fest "**Resonance"** in which various activities(Quiz competition, Rangoli, posters, useful things from waste materials) were organized at inter college level.

35. SWOC analysis of the department and Future plans :

Strength:

- Committed faculty which has excelled in research publications and teaching.
- Special Facility for advanced lab-based research work.
- Well-equipped and well maintained Laboratories.
- Co-operative Support Staff.

Weakness:

- Space limitation in class rooms & labs due to growing number of students.

Opportunity:

- Course offers immense opportunities for further studies in Biochemistry, Nanotechnology, Green Chemistry, Polymer Sciences, Agrochemical Sciences, Environmental Science & related field.

Challenges:

- With courses like Biotechnology, Computer Science, IT and Engineering the biggest challenge for a subject like Chemistry is to motivate the students for taking up higher studies & research.

- To improve the soft skills of students through several interactive sessions both in theory and practical.

Evaluative Report of the Department of Commerce

1. Name of the Department : **COMMERCE**
2. Year of Establishment : **1974**
3. Names of Courses offered:

- **B.Com.(H)**
- **M.Com.**

4. Names of Interdisciplinary courses and the departments/units involved:

- **English, Hindi, Philosophy & Political Science**

5. Annual/semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **NIL**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- **NIL**

8. Details of courses/programs discontinued (if any) with reasons**:**

- **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	05 promoted as Associate Professor under MPS/CAS
Assistant Professors	09	06

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D./M.Phil. etc.,)

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students Guided for the Last 4 years
Shri B.R. Sachdeva	M.Com., L.L.B., D.C.L.	Associate Professor	Taxation	40	Nil
Dr. Chitra Atray	M.Com., Ph. D	Associate Professor	Human Resource management	31	Nil
Ms. Poonam Sharma	M.Com., M.Phil.	Associate Professor	Marketing Management	31	Nil
Dr. Seema Garg	M.Com., Ph.D.	Associate Professor	Marketing	18	Nil
Dr. Surabhi Dhingra	M.Com., Ph.D.	Associate Professor	Marketing	20	Nil
Dr. Pramod Kumar	M.Com., Ph.D.	Assistant Professor	Cost Accounting & Management Accounting	09	Nil

11. List of senior visiting faculty :

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty:

- **30% (Approx.)**

13. Student-Teacher Ratio (programme wise): **20:1(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **N/A**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b)International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **NIL**

18. Research Centre/facility recognized by the University: **NIL**

19. Publications:

* Publication per faculty

* Number of publications listed in international Database(For Eg: Web of Science, Scopus, Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.)

Name of the Faculty	**Number of papers published in peer reviewed journals(national/ International)**	**Monographs**	**Chapter in Books**
Shri B.R. Sachdeva	-	-	-
Dr. ChitraAtray	-	-	-
Ms. Poonam Sharma	-	-	-
Dr. Seema Garg	02	-	01
Dr Surabhi Dhingra	01	-	-
Dr. Pramod Kumar	-	-	-

* Books Edited
* Books with ISBN/ISSN numbers with details of Publishers
* Citation Index
* SNIP

* SJR
* Impact factor
* H- Index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in
a)National committees b)International Committees c)Editorial Boards…. :

- **NIL**

22. Student projects a)Percentage of students who have done in-house projects including interdepartmental/programme:

- **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:

- **NIL**

23. Awards/Recognition received by faculty and students:

- **Dr. Pramod Kumar –** Completed Commissioned Course at OTA (Officers Training Academy) in NCC in 2011-12. After the completion of the Commissioned Course he became Associate NCC Officer in NCC and his designation in NCC is **Lt. (Dr.) Pramod Kumar**.

24. List of eminent academicians and scientists/visitors to the department :

- **NIL**

25. Seminars/Conferences/Workshops organized &the source of funding a) National b) International: **NIL**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library	:	**College Library.**
b) Internet facilities for Staff & Students	:	**Available**
c) Class rooms with ICT facility	:	**Available**
d) Laboratories	:	**N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

- The Commerce Society organizes inter-college festival "Minerva" every year. The Society invites external experts to deliver special lectures at the inaugural session of the festival.

33. Teaching methods adopted to improve student learning:

- PPTs , seminars, workshop, paper presentations, list of reference books / articles/ newspaper reports / website related to topics taught , presentation by students as well as undertake projects on current topics to increase practical experience of the theory taught in class room.

34. Participation in Institutional Social Responsibility (ISR)and Extension activities:

- Students participated in cleanliness drive (Swachh Bharat Abhiyan) organized by the college to aware the students about their social duties and responsibilities.

35. SWOC analysis of the department and Future plans.

Strength:

- Highly qualified and dedicated faculty.
- Ideal student-teacher relation.
- Excellent quality of students.
- Dynamically structured curriculum.

Weakness:

- Inadequate Infrastructure.

Opportunities:

- Commerce Curriculum suits today's business environment both in content and in the form of practical training. It prepares the students to join the corporate world immediately after the completion of course and provides a strong foundation to those who wish to pursue higher studies and specialized professional courses such as Management, Chartered Accountancy, Company Secretary, Cost Accounting, Law etc.

Challenges:

- To make the department more innovative and technology friendly.

Evaluative Report of the Department of Computer Science

1. Name of the Department : **COMPUTER SCIENCE**
2. Year of Establishment : **1985**
3. Names of Courses offered:
   - **B.Sc. Applied Physical Science (Computer Science)**
4. Names of Interdisciplinary courses and the departments/units involved
   - **B.Sc. Physical Science with Department of Physics and Mathematics**
5. Annual/ semester/choice based credit system (programme wise) –
   - **Semester**
6. Participation of the department in the courses offered by other departments:
   - **B.Sc. Physical Science with Department of Physics and Mathematics B.Sc. Zoology(H) , B.Sc. Industrial Chemistry, B.Sc. Bio-chemistry, B.Sc. Botany(H)**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   - **NIL**
8. Details of courses/programmes discontinued (if any) with reasons:
   - **NIL**
9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	01Promoted as Associate Professor under MPS/CAS
Assistant Professors	04	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Jyoti Trivedi	M.C.A., M.Tech., Ph.D.	Associate Professor	Multimedia Database Web Servers	27	--
Ms. Sonia Yadav	M.Sc., M.Phil., M.C.A.	Assistant Professor	Database Management, Cloud computing , Data Structure and Algorithms, Operating System and Computer Architecture , Programming in C++, SQL	10	--
Ms. Rakhi Saxena	M.C.A, M.Phil.	Assistant Professor	Big Data Mining, Graph Mining, Social Network Analysis	10	---

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

- **25% (Approx.)**

13. Student -Teacher Ratio (programme wise) : **46.5:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Senior Technical Assistant(STA)	3	2
Lab Attendant	1	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

    - **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

    - **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

    - **NIL**

18. Research Centre /facility recognized by the University:

    - **NIL**

19. Publications:

    * a) Publication per faculty

*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name	Number of papers published in peer reviewed journals (national/ International)
Dr. Jyoti Trivedi	2
Ms. Sonia Yadav	NIL
Ms. Rakhi Saxena	NIL

* Monographs
* Chapter in Books
* Books Edited
* Books with ISBN/ISSN numbers with details of Publishers
* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards….:

- **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental / programme :

- **80%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies :

- **NIL**

23. Awards / Recognitions received by faculty and students:

- **NIL**

24. List of eminent academicians and scientists / visitors to the department

- **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding

aNational

b) International:

- **None**

26.
27. } **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library	:	**College Library.**
b) Internet facilities for Staff & Students	:	**Available**
c) Class rooms with ICT facility	:	**02 Class Rooms with ICT facility**
d) Laboratories	:	**02 Laboratories**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

- **Department has organized ICT workshops time to time from 2011 onwards (3 workshops).**

33. Teaching methods adopted to improve student learning :

- **Practicals and E-learning**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- **Our students are volunteers of NSS & NCC Unit of the college.**

35. SWOC analysis of the department and Future plans :

Strength:

- Faculty Members proficient in ICT.
- One of the most sought after Course with lots of Career Opportunities.
- Energetic and Engrossed Students

Weakness:

- Shortage of Labs and Computer Systems. Students have to share computer systems for their practicals.

Weakness & Opportunities:

- To extend variation in teaching, we use animations to explain difficult theoretical subjects. It makes a lot easier to explain how a transistor works if an animation shows the inside of it. Then we could let the students work with problems using more advanced simulations on that subject.

- To prepare students before manual laboratory work, we can give them exercises using a "virtual laboratory" that we developed. This helps students both to know what to do and give them more understanding when entering the laboratory.

- By integrating computer-based work into the classroom, experience is that students are more satisfied, spend more time studying, and most importantly perform better. Having modern facilities such as up-to-date computers, good internet connections and computer support at the university is also important. It takes time to test and use interactive simulations in pedagogically effective ways.

Evaluative Report of the Department of Economics

1. Name of the department : **ECONOMICS**
2. Year of Establishment : **1952**
3. Names of the Courses offered:

- **B.A.(Honours) Economics**
- **M.A. Economics**

4. Names of Interdisciplinary courses and the departments/units involved:

- **Department of English, Hindi, History, Mathematics, Philosophy, Political Science & Sanskrit**

5. Annual/semester/choice based credit system (programme wise)

- **Semester**

6. Participation of the department in the courses offered by other departments

- **Department of Physics and B.Sc. (Hons.) till 2011. Currently teaching Discipline Centered Courses.**

7. Courses in collaboration with other universities, industries, foreign institutions, etc. :

- **NIL**

8. Details of courses/ programmes discontinued (if any) with reasons:

- **Courses were discontinued due to introduction of semester system**

9. Number of Teaching posts:

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	05 promoted as Associate Professors under MPS/CAS
Assistant Professors	07	05

10. Faculty profile with names, qualifications, designation, specialization, (D.Sc./D.Litt. / Ph.D/ M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students Guided for the Last 4 years
Dr. T.M. Thomas	M.A., Ph.D.	Associate Professor	Urbanization in India; Political Economy Macroeconomics; Migration	40	--
Sh. A.S. Lamba	M.A.	Associate Professor	Microeconomics, Mathematical Economics, Financial Economics	37	--
Dr. Sangita Singh	M.A., Ph.D.	Associate Professor	Macro Economics, Indian Economy	25	--
Dr. Iqbal Singh	M.A., Ph.D.	Associate Professor	Indian Economy and Agricultural Economics	29.5	--
Dr. Savita Singh	M.A., Ph.D.	Associate Professor	Microeconomics; Technology Transfer, Energy Security	22	--

11. List of senior visiting faculty: **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise)
By temporary faculty**: 29%(Approx.)**

13. Student-Teacher Ratio (programme wise): **27:1(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled**:**

- **NIL**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.:

- **Same as in Clause 10**

16. Number of faculty with ongoing projects from: (a) National (b) International funding agencies and grants received**:**

- **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **NIL**

18. Research Centre / facility recognized by the University: **N/A**

19. Publications:

* Publication per faculty:

* Number of publication listed in International Database (For e.g.: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)

Name of faculty	Number of papers published in peer reviewed journals (national/ International)	Monographs	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr.T.M.Thomas	-	-	11	-	-
Sh.A.S.Lamba	-	-	-	-	-
Dr.SangitaSingh	-	-	-	-	-
Dr. Iqbal Singh	1	1	4	-	-
Dr. Savita Singh	-	1	1*	-	-

*Chapter in IGNOU course material for EEC-07

* SNIP
* SJR
* Impact factor
* Citation Index
* H- Index

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in (a) National committee (b) International Committees (c) Editorial Boards….:

- **Dr. Sangita Singh**: Member, Gandhian Studies Association.
  Member, Indian Economic Association.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental / programme:

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry/ other agencies:

- **All Economics (Hons.) III semester students have done in-house project in Econometrics in Year 2012-13.**

23. Awards / Recognitions received by faculty and students: **N/A**

24. List of eminent academicians and scientists /visitors to the department:

- **Seminar in 2013, by Prof. Arun Kumar, faculty at JNU, New Delhi, on the topic "Black Economy in India".**
- **Seminar in March, 2014 by Prof. Ashok Gulati, Chairperson of CACP, New Delhi, on the topic "WTO and Indian Agriculture".**

25. Seminars / Conferences / Workshops organized & the source of funding

(a) National (b) International: **NIL**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library : **College Library**.

b) Internet facilities for Staff & Students : **Available**

c) Class rooms with ICT facility : **Available**

d) Laboratories : **N/A**

31. Number of students receiving financial assistance from college, university, Government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures/workshops/ Seminar) with external experts:

- **Same as in Question 24**

33. Teaching methods adopted to improve student learning:

- Using modern techniques such as MS-Office and various Economics Software for improving the student learning.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Students of Economics Department are organizing '**DES**' (Deshbandhu Economics Society) every year and participating Antardhvani, Gyanodya organized by University of Delhi; Debate and various games organized in various colleges as well as university.

35. SWOC analysis of the department and Future plans:

- The strong point of Economics department is that it is a highly versatile department of the college. Almost all the faculty members are doctorate. They have been visiting various national as well as international universities to attend seminar/symposium many times.
- The students admitted this year scored more than 91 percentage marks in their senior secondary schools.

- In terms of opportunities, the students of this department have been getting admission in various prestigious national and international universities. One student got admission in Ph.D. Programme in Economics in "*New School, New York*, USA" and another got admission in "*Imperial College, University of London*, UK". Similarly, every year some students get admission in JNU, Delhi School of Economics and other prestigious institutions of India.

- In 2013-14, two alumni of this department were selected in IAS one of them got 100th position.

Evaluative Report of the Department of English

1. Name of the Department : **ENGLISH**

2. Year of Establishment : **1952**

3. Names of Courses offered :

- **B.A.(Hons.)English**
- **M.A English**

4. Names of Interdisciplinary courses and the departments/units involved

- **Department of Commerce, Economics, Hindi, History, Mathematics, Philosophy, Political Science & Sanskrit**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **Department of Commerce , Economics, Hindi, History, Mathematics, Philosophy, Political Science & Sanskrit**
- **Technical Writing and Communication in English in B.Sc.(Hons.), Bio-Chemistry, Botany, Chemistry, Physics, Zoology and B.Sc.(Computer Science).**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons**:**

- **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	05 promoted as Associate Professor under MPS/CAS
Assistant Professors	14	13

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.) :

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Nalini Khanna	M.A.	Associate Professor	Victorian Literature	42	--
Ms. Elizabeth Thomas	M.A., M.Phil.	Associate Professor	Modern European Drama	33	--
Ms. Sherina Joshi	M.A., M.Phil.	Associate Professor	Renaissance, Modern and Romantics	33	--
Ms. Preeti Gupta Dewan	M.A., M.Phil.	Associate Professor	Postcolonial Literature	22	--
Dr. Sunita Sarin	M.A., Ph.D.	Associate Professor	Victorian Fiction	24	02 (M.Phil.)
Mr. Krishnan Unni P.	M.A., M.Phil.	Assistant Professor	Latin American, Literary Theory, Discourse on Public Sphere and Alternative Forms of Polity, Third World Films and Fiction	18	02 (M.Phil.)
Dr. Ajanta Dutta	M.A., B.Ed., Ph.D.	Assistant Professor	Indian English Literature	28	--
Ms. Vandana Mathur	M.A., M.Phil.	Assistant Professor	**ON STUDY LEAVE**		
Mr. Purshottam Das	M.A.	Assistant Professor	Indian English Literature	09	--

Ms. Manisha Sagar	M.A.	Assistant Professor	Australian Literature	06	--
Dr. Varsha K. Singh	M.A., Ph.D.	Assistant Professor	Afro American Literature	11	--
Mr. Saswata Bhattacharya	M.A., M.Phil.	Assistant Professor	Post Colonial Studies	06	--
Ms. Pavitra Poorna	M.A., M.Phil.	Assistant Professor	Afro American Literature	06	--

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:
13. Student -Teacher Ratio (programme wise): **14:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **N/A**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

18. Research Centre /facility recognized by the University: **N/A**

19. Publications:

* Publication per faculty
* Number of publications listed in international Database(For Eg: Web of Science, Scopus, Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.) published:

Name of Faculty	Number of papers published in peer reviewed journals (national/ International)	Monographs	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Ms. Nalini Khanna	NIL	NIL	NIL	-	NIL
Ms. Elizabeth Thomas	NIL	NIL	NIL	-	NIL
Ms. Sherina Joshi	01	NIL	NIL	-	-
Ms. Preeti Gupta Dewan	NIL	NIL	NIL	-	NIL
Dr. Sunita Sarin	01	NIL	NIL	-	NIL
Mr. Krishnan Unni P.	26 ISBN:978-93-82396-09-03 ISSN:0019897-67 ISBN:81-7877-086-5 ISSN:0253-9071 ISSN:81-8043-036-7 ISSN:0971-6483 ISBN:81-2690099-7	-	03	11 ISSN:0019-5804	03 ISBN:81-86423-81-8 ISBN:9-780000-194442
Dr. Ajanta Dutta	NIL	NIL	NIL	NIL	NIL
Ms.Vandana Mathur	NIL	NIL	NIL	NIL	NIL
Mr. Purshottam Das	NIL	NIL	NIL	NIL	NIL
Ms. Manisha Sagar	NIL	NIL	NIL	NIL	NIL
Dr. Varsha K. Singh	02	NIL	NIL	NIL	ISBN: 978-81-8435-027-2

Mr.Saswata Bhattacharya	NIL	NIL	NIL	NIL	NIL
Ms. Pavitra Poorna	NIL	NIL	NIL	NIL	NIL

- SNIP
- SJR
- Impact factor
- Citation Index
- H- index

20. Areas of consultancy and income generated: **N/A**

21. Faculty as members in a) National committees b) international Committees c) Editorial Boards….

- **Mr. Krishnan Unni P.**

- Member, International Board on Culture Studies, Cairo University
- Member, International Board of Memory and Human Rights Studies, University of LUND, SWEDEN
- Board of Studies Member in Under Graduate Studies in Kashmir University, Sri
- Nagar.
- Board of Studies Member in Postgraduate Studies in University of Nainital, Uttarakhand.
- Advisory member of Culture studies and comparative Literature in IFLU. Hyderabad.

22. Student projects

a)Percentage of students who have done in-house projects including inter departmental/programme : **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **NIL**

23. Awards / Recognitions received by faculty and students: **NIL**

24. List of eminent academicians and scientists / visitors to the department: **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : **NIL**

b) International : **NIL**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library : **Department runs an exclusive English Department Library to make recent publications, articles, books and journals available to the students.**

b) Internet facilities for Staff & Students : **Available**
c) Class rooms with ICT facility : **Available**

d) Laboratories : **N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**:**

- **The English Literary Society "INKLING" actively organizes Lectures, Seminars & Literary Festivals.**

33. Teaching methods adopted to improve student learning:

- **Group Discussions**
- **Projects**
- **Assignments**
- **Faculty supplements conventional teaching methods with screening of films and staging of plays**.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Students regularly participate in extension activities organised by NSS unit of the college.

35. SWOC analysis of the department and Future plans:

- The faculty of the department makes an accomplished group actively involved in research & teaching. The strength of the department is the rapport every teacher shares with each other. The spirit of the senior colleagues to pass on their expertise and equally eager to learn from juniors has helped in accomplishing the high standards of education adding to the strength of the department. The English Department offers an amalgamation of literary & cultural forms through the study of English texts from the British Isles along the works outside the canon such as African, Australian, American, Ancient Greek, Indian, etc. The course involves a thorough study of the forms of literature like drama, poetry, prose, short stories, etc. coupled with genres such as Autobiography, Travel- Writing, Essays, Science, Fiction, Films, etc. Studying literature involves the ability to place literary texts in their wider intellectual, psychological, social, cultural and historical contexts. The course allows the students to understand how literature converse with other art forms and areas of study within Social Sciences & Humanities. It also requires the students to develop the critical processes by which they analyse, judge and simultaneously learn about literary form and technique.

- Students have a range of careers including Advertising, Acting, Publishing, Teaching, Mass Communication Public Relations, Journalism, Literary Studies, etc.

Evaluative Report of the Department of Hindi

1. Name of the Department : **HINDI**
2. Year of Establishment : **1952**
3. Names of Courses offered :

- **B.A. (Hons.)Hindi**
- **M.A. Hindi**

4. Names of Interdisciplinary courses and the departments/units involved:

- **Department of Commerce, Economics, English, History, Mathematics, Philosophy, Political Science & Sanskrit**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **Same as in Question no.4**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons**:**

- **NIL**

10. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	06 promoted as Associate Professor under MPS/CAS
Asst. Professors	12	10

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,):

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Manju Dewan	M.A., Ph.D.	Associate Professor	Hindi Ke Adhunik Pritindhi Mahakavya Ki Samajik Chetna, Medieval Poetry, Plays, Novel, Short Stories	37	----
Dr.Shashi Mehra	M.A., Ph.D.	Associate Professor	Aadhunik Hindi Katha Sahitya, Bhasha Vigyan.	34	----
Dr. Bikram Singh	M.A., Ph.D.	Associate Professor	Poetics, Aesthetics, Criticism	23	5(04 Ongoing)
Dr. Sanjeev Kumar	M.A., Ph.D.	Associate Professor	Hindi Katha Sahitya	18	09(04 Ongoing)
Dr.Lalit Mohan	M.A., Ph.D.	Associate Professor	Madhya Kaleen Kavya, Bhasha Vigyan, Bhartiya Sahitya, Dalit Sahitya	14	01(Ongoing)

Dr. Bajrang Bihari Tiwari	M.A., Ph.D.	Associate Professor	Bhakti Poetry (Medieval Hindi Literature)	17	04(Ongoing)
Mr. Vibhas Chandra Verma	M.A., M.Phil.	Assistant Professor	Modern Literature Criticism	15	----
Dr. Manoj Singh	M.A., Ph.D.	Assistant Professor	Poetry and Criticism	13	----
Mr. Chhotu Ram Meena	M.A., M.Phil.	Assistant Professor	Medieval Hindi Literature, Yatra Sahitya, Media	06	----
Mr. Anuj Kumar Rawat	M.A., M.Phil.	Assistant Professor	Katha Sahitya, Natak	06	----

11. List of senior visiting faculty : **NIL**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:

- **17% (Approx**.)

13. Student -Teacher Ratio (programme wise) : **15.5:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

i) **Dr. Lalit Mohan, Major Project, funded by UGC (दलित साहित्य की अवधारणा और उसके अन्तर्विरोध)**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants receive :

- **NIL**

18. Research Centre /facility recognized by the University:

- **NIL**

19. Publications:
* Publication per faculty:

- **208/10=20.8**

* Number of publications listed in international Database(For Eg: Web of Science, Scopus, Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.) published

Name	Number of papers published in peer reviewed journals (national/ International)	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. Bikram Singh	12	--	--	02(Vidyanidhi Prakashan *ISBN-978-81-86700-98-6;* Samkaleen Prakashan *ISBN-978-81-909927-8-7)*
Dr. Sanjeev Kumar	45	--	--	01(Swaraj Prakashan)
Dr.Lalit Mohan	01	--	--	01(Samkaleen Prakashan)
Dr. Bajrang Bihari Tiwari	100	05	03	--

Mr. Vibhas Chandra Verma	40	04	03	03 Vaani Prakashan,ISBN:978-93-5000-918-5;Vaani Prakaashan,ISBN:978-93-5000-919-2; Kitabghar Prakashan,ISBN:978-93-81467-08-4;
Dr. Manoj Singh	10	--	--	1(Anamika Publishers) ISBN:978-81-7975-589-1

* Monographs

* SNIP

* SJR

* Impact factor
* Citation Index
* H- Index

20.Areas of consultancy and income generated:

- **N/A**

21.Faculty as members in

a) National committees b) International Committees c) Editorial Boards…

- Mr.Vibhas Chandra Verma: Member , Hindi Academy.
- Dr. Bikram Singh: Member, Editorial Board, Anabhai Saancha.
- Dr. Manoj Kumar Singh:Member, Editorial Board, Anabhai Saancha.
- Dr. Sanjeev Kumar: Member, Editorial Board, Naya Path.
- Mr.Vibhas Chandra Verma: Member, Editorial Board, Hans.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **N/A**

23. Awards / Recognitions received by faculty and students:

- **Dr. Sanjeev Kumar received "Devi Shankar Awasthy Samman" in 2011.**

24. List of eminent academicians and scientists / visitors to the department.

List of eminent academicians/visitors to the department

- **प्रो० नामवर सिंह- कुलाधिपति,महात्मा गाँधी अन्तरराष्ट्रीय हिन्दी विश्वविद्यालय,वर्धा**
- **प्रो० वी० एस० कुमार- पूर्व कुलपति, दरभंगा संस्कृत विश्वविद्यालय**
- **अशोक वाजपेयी- पूर्व कुलपति, म०गा०हिं० विश्वविद्यालय, वर्धा, पूर्व-अध्यक्ष, संगीत नाटक अकादमी**
- **यशवंत मनोहर-वरिष्ठ मराठी रचनाकार, नागपुर**
- **ओमप्रकाश वाल्मीकि- चर्चित दलित रचनाकार,देहरादून**
- **प्रो० मैनेजर पाण्डेय- पूर्व-अध्यक्ष, भारतीय भाषा केन्द्र जनेवि, दिल्ली**
- **प्रो० रूपरेखा वर्मा- पूर्व कुलपति, लखनऊ विश्वविद्यालय**
- **प्रो० राधावल्लभ त्रिपाठी- अध्यक्ष संस्कृत विभाग, हरी सिंह गौर विश्वविद्यालय, सागर**
- **प्रो० वागीश शुक्ल- आइ आइ टी, दिल्ली**
- **मदन सोनी- संपादक, पूर्वग्रह, भारत भवन**
- **विमल थोरात- प्रसिद्ध दलित नारीवादी चिंतक**
- **प्रभा खेतान- उपन्यासकार व नारीवादी चिंतक**
- **अनामिका- कवयित्रीव नारीवादी चिंतक**
- **चारु गुप्ता- इतिहासकार, दिल्ली विश्वविद्यालय**
- **नंदकिशोर आचार्य- प्रसिद्ध साहित्यकार व चिंतक**
- **प्रो० नित्यानंद तिवारी- पूर्व अध्यक्ष, हिंदी विभाग, दिल्ली विश्वविद्यालय**
- **विश्वनाथ त्रिपाठी- प्रसिद्ध आलोचक और रचनाकार, दिल्ली**
- **विष्णु नागर- प्रसिद्ध कवि,संपादक, शुक्रवार**
- **दिनेश कुमार शुक्ल- प्रसिद्ध कवि**
- **प्रो० अब्दुल बिस्मिल्लाह- प्रसिद्ध रचनाकार व प्रोफेसर, जामिया मिल्लिया विश्वविद्यालय दिल्ली**

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International

- **2-day National Seminar on "प्रतिरोध के नए क्षेत्र और हिन्दी साहित्य" on 26- 27 October 2007, funded by UGC.**

- **26.**
- **27** } **Kindly refer to the note at page no. 241**
- **28.**
- **29.**

30. Details of Infrastructural facilities

a) Library : **College Library**

b) Internet facilities for Staff & Students : **Common Access through College Internet.**

c) Class rooms with ICT facility : **N/A**

d) Laboratories : **N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies :

- **Refer to clause 5.1.3.**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- **Same as in Question 25.**

33. Teaching methods adopted to improve student learning

- **कक्षा-व्याख्यानों के साथ दृश्य-श्रव्य माध्यमों का उपयोग**
- **सतत आंतरिक परीक्षण/मूल्यांकन प्रणाली का प्रयोग**
- **शैक्षणिक भ्रमण**
- **पुस्तकालय के सम्यक उपयोग पर बल**
- **कक्षा-अध्यापन के दौरान प्रत्येक विद्यार्थी की सहभागिता सुनिश्चित करना**
- **"लिखना-पढ़ना-बोलना-सुनना" कौशल का विकास**
- **सामूहिक परिचर्चा को प्रोत्साहन**
- **संगोष्ठी आदि का नियमित आयोजन**
- **साहित्यिक-सांस्कृतिक प्रतियोगिताओं का आयोजन**
- **सांस्कृतिक गतिविधियों में हिस्सेदारी को बढ़ावा**
- **साहित्य-सभा की गतिविधियों में दिलचस्पी जगाना और आलोचनात्मक तथा विश्लेषणात्मक क्षमता के विकास पर जोर**
- **कॉलेज-पत्रिका और भित्ति-पत्रिका के नियमित प्रकाशन की चेष्टा और उनमें विद्यार्थियों की अधिकतम भागीदारी सुनिश्चित करना ताकि उनकी रचनात्मकता का विकास हो।**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- **Students are encouraged to participate in programme like NCC, NSS activities organized by the college units and other seminars/workshops conducted by the college.**

35. SWOC analysis of the department and Future plans

- **हिन्दी विभाग, देशबन्धु कॉलेज को कई अखबारी सर्वेक्षणों में दिल्ली विश्वविद्यालय का सर्वश्रेष्ठ विभाग घोषित किया जा चुका है। ऐसा मुख्यत: इसके अध्यापकों की गुणवत्ता को ध्यान में रखकर किया गया है। हमारे विभाग में एक सक्षम और एकजुट अध्यापकों की टीम विभाग के विकास के लिए सतत प्रयत्नशील है। यह टीम विषय के प्राय: प्रत्येक शाखा के अध्यापन की योग्यता रखती है।**

- **कैंपस से दूर स्थित होने के कारण यहाँ प्रवेश लेनेवाले छात्रों की अकादमिक योग्यता कैंपस की तुलना में कम होती है। सम्प्रति आधारभूत संरचनाओं के यथा क्लासरूम आदि के अभाव तथा अन्यान्य कारणों से उन्हें अधिक विकल्पों के अवसरों से भी वंचित होना पड़ रहा है।**

- **अपेक्षाकृत कम योग्यता के छात्रों की योग्यता को विकसित कर उनसे अच्छा परिणाम निकलवाना हमारे लिए एक चुनौती है। भाषा और साहित्य के क्षेत्र में पनप रही नई रोजगार-सभावनाओं का संधान कर उन्हें उसके योग्य बनाना ऐसी ही चुनौती है। सौभाग्यवश इस क्षेत्र में रोजगार के नए अवसर खुल रहे हैं।**

- **भविष्य में हम विद्यार्थियों को हिन्दी भाषा के क्षेत्र में अत्याधुनिक संचार तकनीक के कौशल की दक्षता से लैस करना चाहते हैं। साथ ही विषय के नए-नए आयामों को अपनी पाट्यचर्या में शामिल कर के विद्यार्थियों की रचनात्मक, विश्लेषणात्मक और आलोचनात्मक क्षमता को और विकसित करना चाहते हैं।**

Evaluative Report of the Department of History

1. Name of the Department `: **HISTORY**
2. Year of Establishment : **1952**
3. Names of Courses offered :

- **B.A.(Hons.) History**

4. Names of Interdisciplinary courses and the departments/units involved

- **Department of Economics, English, Hindi, Mathematics, Philosophy, Political Science & Sanskrit**

5. Annual/ semester/choice based credit system (programme wise): **Semester**
6. Participation of the department in the courses offered by other departments:

- **Same as in Question no.4**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons**: NIL**
9. Number of teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	07 promoted as Associate Professor under MPS/CAS
Assistant Professors	14	07

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./ Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of teaching Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Sabita Singh	M.A., Ph.D.	Associate Professor	Medieval Indian History	31	--
Ms. Neelam Malhotra	M.A., M.Phil.	Associate Professor	Modern India	30	--
Dr. Achla Bharti	M.A.,Ph.D.	Associate Professor	Medieval Indian History	24	--
Mr. Ashwini Shankar	M.A., M.Phil.	Associate Professor	Modern India History	28	--
Ms. Suvritta Khatri	M.A.	Associate Professor	Modern India	26 +	--
Dr. S.M. Jha	M.A., Ph.D.	Associate Professor	Ancient Indian	24	--
Sh. Anil Kumar Jha	M.A., M.Phil	Associate Professor	Medieval Indian History	19	--

11. List of senior visiting faculty : **N/A**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **50% (Approx)**

13. Student -Teacher Ratio (programme wise): **19.9:1(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **N/A**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. : **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**

18. Research Centre /facility recognized by the University : **NIL**

19. Publications:
* Publication per faculty

* Number of publications listed in international Database(For Eg: Web of Science, Scopus, Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.)published

- Number of papers published in peer reviewed journals (national/ International)
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details Publishers
- Monographs
- SNIP
- SJR
- Impact factor
- Citation Index
- H- Index

NIL

20. Areas of consultancy and income generated : **NIL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards…. : **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **NIL**

23. Awards / Recognitions received by faculty and students : **NIL**

24 List of eminent academicians and scientists / visitors to the department : **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding a)

National

b) International : **NIL**

- **26.**
- **27** } **Kindly refer to the note at page no. 241**
- **28.**
- **29.**

30. Details of Infrastructural facilities

a) Library : **College Library**

c) Internet facilities for Staff & Students : **Common Access through College Internet.**

c) Class rooms with ICT facility : **N/A**

d) Laboratories : **N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Same as in Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : **NIL**

33. Teaching methods adopted to improve student learning:

- **Interactive group discussions**
- **Assignments**
- **Class Tests**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- **Students are volunteers of NSS / NCC unit of the College.**

35. SWOC analysis of the department and Future plans

Strength:

- Extremely Dynamic Faculty which believes in nurturing the potential of the students for a great future.
- Student having closer interface with the Faculty members.

Weakness

- Space limitation in Class Rooms due to growing number of students.

Opportunity & Challenges:

- History encompasses a very dynamic range of study i.e. past, present and future. It analyses the present in the light of the past with a view to the future. Study of History provides an opportunity to know the complexity of the present with greater sensitivity. This, in turn, shapes the mind of the students for broader and better understanding of the world. History not only covers the biological evolution of mankind from about 5 million years ago till date, but also covers the cultural evolution in terms of evolution of architecture, painting, sculpture, music, dance, drama, human relations within community and outside. Besides this it covers inter alia state formations, nation building, colonial struggles, freedom movements, world wars, globalization, etc.

- Students get the opportunity to have a career in various fields viz, Teaching, Publishing, Administrative Services, Archaeology, Mass Media, and Travel & Tourism along with Journalism.

Evaluative Report of the Department of Mathematics

1. Name of the Department : **MATHEMATICS**

2. Year of Establishment : **1952**

3. Names of Courses offered :

- **B.Sc. (Hons.) Mathematics**
- **M.Sc. Mathematics**

4. Names of Interdisciplinary courses and the departments/units involved:

- **Department of Bio-Chemistry, Chemistry, Economics, English, Hindi, History, Philosophy, Physics, Political Science, & Sanskrit**
- **B.Sc. Applied Physical Science**
- **B.Sc. Life Science**
- **B.Sc. Physical Science**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **Departments of Botany, Chemistry, Computer Science, Economics, Physics & Zoology.**

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons:

- **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	06 promoted as Associate Professor under MPS/CAS
Assistant Professors	15	10

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. /M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for the last 4 years
Dr. L. Bandopadhyaya	M.A., Ph.D.	Associate Professor	Linear Programming	42	-
Ms. Veena Garg	M.A.	Associate Professor	Algebra	39	-
Ms. Usha Arora	M.A., M.Phil.	Associate Professor	Convolution Integral Equations & Mikusinski Operators	35	-
Dr. Pramod Arora	M.Sc., Ph.D.	Associate Professor	Operator Theory	32	-
Dr. Pankaj Jain	M.Sc., Ph.D.	Associate Professor	**ON LIEN**		
Ms. Harindri Chaudhary	M.Sc., M.Phil.	Associate Professor	Functional Analysis	18	-
Dr. Navin Chandra	M.Sc.,Ph.D.	Assistant Professor	Space Dynamics	15	02 (On-going)
Mr. Manoj Kumar	M.Sc., M.Phil.	Assistant Professor	Fluid Dynamics	6.5	-
Mr. Rajender Kumar	M.Sc., M.Phil.	Assistant Professor	Numerical Analysis	5.5	-
Mr. Chandra Shekhar	M.Sc., M.Phil.	Assistant Professor	Geometric Function Theory	4.5	-

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

- **33% (Approx.)**

13. Student -Teacher Ratio (programme wise) : **19:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt./ Ph.D./ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nature of Project	**Title of the Project**	**Principal Investigator**	**Funding Agency**	**Duration**
Minor Research Project	On Generalized Banach Function Spaces of Lebesgue Type	Ms. Harindri Chaudhary	UGC	2006-2008
Major Research Project	Imbeddings and Fourier Inequalities in Grand Lebesgue and Lorentz Spaces	Dr. Pankaj Jain	DST	2010-2013

18. Research Centre /facility recognized by the University

- **NIL**

19. Publications:

* a) Publication per faculty

*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name of Faculty	Number of papers published in peer reviewed journals (national/ International)	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. L. Bandopadhyaya	12	01	01	02
Dr. Pramod Arora	03	-	-	-
Ms. Harindri Chaudhary	-	05 (ILLL)	-	-
Dr. Navin Chandra	10(International)	-	-	-

* Monographs
* Citation-index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in a)National committees b) International Committees c) Editorial Boards….:

- **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

- **NIL**

23. Awards / Recognitions received by faculty and students:

- **NIL**

24. List of eminent academicians and scientists / visitors to the department:

- Prof. Aarseth S, Cambridge University, U.K.
- Prof. Adimurthy V, Associate Director at the Vikram Sarabhai Space Centre(VSSC), a major facility center of Indian Space Research Organisation(ISRO), India.
- Dr. S.M.Alladin, Reader- Associate Astronomer, Department of Astronomy, Osmania University, Hyderabad .
- Prof. Ajit Kembhavi, Director and Distinguished Professor at the Inter- University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. J. V. Narlikar, Emeritus Professor at at the Inter- University Centre for Astronomy and Astrophysics(IUCAA), Pune, India
- Prof. K.B. Bhatnagar, Centre for Fundamental Research in Space Dynamics and Celestial Mechanics, India.
- Prof. R . K. Sharma, Applied Mathematics Division, Vikram Sarabhai Space Centre (VSSC), a major facility center of Indian Space Research Organisation (ISRO), India.
- Prof. V. Arvind, Department of Theoretical Computer Science, Institute of Mathematical Sciences (IMSc), Chennai.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute (HRI), Allahabad.
- Prof. N.S. Narasimha Sastry, Theoretical Statistics and Mathematics Unit, Indian Statistical Institute(ISI), Bangalore.
- Dr. Pramod Kanwar, Department of Mathematics, Ohio University, Zenesville, USA.
- Prof. R.K.Sharma, Indian Institute of Technology(IIT), Delhi.
- Dr. Kailash Vishwakarma ,Associate Professor & HOD of Physics Department BNPG College, Hamirpur, Uttar Pradesh.
- Prof. Manoj Kumar, Department of Mathematics, Harish-Chandra Research Institute (HRI),Allahabad.
- Prof. Ayan Mahalanobis, Department of Mathematical Sciences, Indian Institute of Science Education and Research (IISER), Pune.
- Prof. Ajit Iqbal Singh, INSA Honorary Scientist, Indian Statistical Institute,7,S.J.S.Sansanwal Marg, New Delhi.
- Prof. Phoolan Prasad, Indian Institute of Science (IISc), Bangalore.
- Prof V. D. Sharma, Indian Institute of Technology Bombay, Mumbai.
- Prof. Anshul Kumar, Indian Institute of Technology, Delhi.
- Prof. Naveen Kumar, Department of Computer Science , University Of Delhi
- Mr. Tushar Patnaik, Expert from Centre for Development of Advanced Computing, Noida.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International :

Seminar/ Workshop	Sponsors	Topic	Beneficiary	Date
International Seminar	Department of Science and Technology, Govt. Of India. Co-sponsored by CSIR,ISRO, IUCAA and TIFR	Modern Trends in Celestial Mechanics and Astronomy	Faculty members of Department of Mathematics of various colleges of Delhi University	March 17-19, 2010
The Ramanujan Mathematical Society Under Graduate Teachers Enrichment (RMS-UGTE) Workshop	RMS(Ramanujan Mathematical Society)	Finite Group Theory and Applications	Faculty members of Department of Mathematics of various colleges of Delhi University	Feb 7-9, 2014

26.

27. **Kindly refer to the note at page no. 241**

28

29

30. Details of Infrastructural facilities

a) Library : **College Library Equipped with Adequate Text & Reference books.**

b) Internet facilities for Staff & Students : **Common Access through College Internet**

c) Class rooms with ICT facility : **NIL**

d) Laboratories : **NIL**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Same as in clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- **The Mathematics Society organizes inter- college festival "Samuchayam" every year. The Society invites Eminent Mathematicians to deliver special lectures at the inaugural session.**

Talk/ Workshop	Sponsors	Topic	Beneficiary	Date
Talk	Deshbandhu College	Some Applications of Linear Algebra	Students of Deshbandhu College	January 9, 2013
Talk	Deshbandhu College	Cryptography & its Applications	Students of Deshbandhu College	March 22, 2013
Talk	Deshbandhu College	Vedic Mathematics	Students of Deshbandhu College	October 30, 2013
Science Academies Lecture Workshop	Indian Academy of Sciences, Bangalore, Indian National Sciences Academy, New Delhi National Academy of Sciences, Allahabad	Computer Science and Differential Equations	Undergraduate students of University of Delhi	March 7-8, 2014

33. Teaching methods adopted to improve student learning:

- **Interactive Group discussions in tutorial classes.**
- **Use of Advanced Software Mathematica & Matlab for Practical.**
- **Class Presentations**
- **Unit Tests**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Students participate in different co-curricular activities organized by college i.e, drama, debate, different festivals, sports and games. 10 students of our department were part of Gyanodaya Endeavour of the University.

- Students & faculty members participated in **'Swachh Bharat Abhiyaan'** held on 2nd

October, 2014.

- Students attend awareness programmes such as blood donation camps and donate blood enthusiastically. Joining NCC and NSS as volunteers, students take part in all programmes which are directly attached to ISR and Extension activities.

35. SWOC analysis of the department and Future plans:

Strength:

The Department of Mathematics has seen remarkable growth over the years. Today it is one of the most distinguished graduate and postgraduate co-educational departments in the University of Delhi. It boasts of an accomplished faculty of about twenty members in which more than seventy five percent are under the age of forty and more than five hundred honours students. The department provides a liberal, lively and competitive environment enabling students to carve out a niche for themselves in their chosen arenas. Our leadership in teaching, research and public service makes its excellency in higher education. Our students, faculty come together in a true community of scholars to advance knowledge, address social challenges and pursue intellectual and personal fulfillment. We also come together with our students in a domain of mathematical society of the department that organize festival to interact with other students of the University of Delhi in different mode of events.

Weakness:

With all efforts to achieve the Excellency in higher education, we have to face some problems on the level of common infrastructural facilities.

Opportunity:

The strength of the department lies in its congenial and enriching atmosphere, which plays a crucial role in maintaining the excellent record of the department of the college. Department is fortunate to have more young faculty members. Young faculty members of the department have great opportunity to be aspired by their senior colleagues to be able to extend the journey of the department on the path of greatness and contribute to the legacy of our glorious institution in the country. Students move on to pursue M.C.A., M.B.A., M.Sc. & Ph.D. programmes in various prestigious universities & overseas.

Challenges:

We represent the diligent faculty of the department of mathematics of our college, whose sincerity and spirit make it what it is. It is our constant endeavor to proliferate an environment of mutual respect within the department, in pursuit of a shared ambition of the department for excellency in higher education.

The department is committed to provide the leadership and direction for the times ahead in every sphere of human enterprise and endeavor. Generations of students who are growing in this department in different ways of life, the department is committed to provide them a solid foundation on which they may craft their success not only for themselves but also to support for

making the nation. We are also bound by the fabric of the Music of Truth that unites us and constantly replenishes our Passion for learning for the time ahead.

Future Plans:

Department of mathematics organize National/ International Workshop/Training programme etc. for advancement in leadership in teaching and research for faculty members and students. The department has a plan to organize International Workshop in the month of October 2015. Objective of Workshop /Training Programme is to train our mathematicians to boost the general awareness on popular aspects of mathematics and to expose young scientists (young faculties, research scholars and Students (M.A/M.Sc/M.Tech etc) to enthuse and conduct activities for popularization of their field of interest.

Evaluative Report of the Department of Modern Indian Languages

1. Name of the Department : **MODERN INDIAN LANGUAGES**
   - **BENGALI**
   - **PUNJABI**
   - **SINDHI**

2. Year of Establishment : **1963**

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   - **B.A. Programme**

4. Names of Interdisciplinary courses and the departments/units involved:

   - **All B.A. (H) Courses**

5. Annual/ semester/choice based credit system (programme wise):

   - **Semester**

6. Participation of the department in the courses offered by other departments:

   - **Same as in Question no. 4**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

   - **NIL**

8. Details of courses/programmes discontinued (if any) with reasons:

   - **NIL**

9. Number of Teaching posts **in BENGALI**

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	02 promoted as Associate Professor under MPS/CAS
Assistant Professors	02	02

Number of Teaching posts **in PUNJABI**

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	01 promoted as Associate Professor under MPS/CAS
Assistant Professors	01	01

Number of Teaching posts **in SINDHI**

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	01 promoted as Associate Professor under MPS/CAS
Assistant Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,) :

Name	Qualification	Designation	Specialization	No of Years of Experience	No of Ph.D. Students guided for the last four years
	DEPARTMENT	**OF**	**BENGALI**		
Dr. Kalpana Kirty	M.A., Ph.D.	Associate Professor	Popular Fiction in Bengali	40	---
Dr. Antara Chaudhuri	M.A., Ph.D.	Associate Professor	19th Century	13	03
	DEPARTMENT	**OF**	**PUNJABI**		
Dr. K. S. Bhatia	M.A., Ph.D.	Associate Professor	Modern Punjabi Poetry	38	01 Ph.D. (On-going) 01 M.Phil. (Ongoing)

DEPARTMENT		OF	SINDHI		
Ms. Vishu Bellani	M.A.	Associate Professor	History and Philosophy of Sindhi Literature	26	---

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty :

- **NIL**

13. Student -Teacher Ratio (programme wise):

- **NIL**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **NIL**

18. Research Centre /facility recognized by the University:

- **NIL**

19. Publications:

	Bengali	Punjabi	Sindhi
Publication per faculty	10 Approx.	--	--
Number of papers published in peer reviewed journals (national /international) by faculty and students	20	--	--
Chapter in Books	1	09(Lessons for SOL)	--
Books Edited	--	02	--
Books with ISBN/ISSN numbers with details of Publishers	1 Sahitya ANVIKSHA	02	--

* Monographs
* SNIP
* SJR
* Impact factor
* Citation Index
* H- Index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Board….

- **Dr. Kalpana Kirty**:
  - Member, Departmental Research Committee, Department of Bengali, University of Delhi.

- **Dr. K.S.Bhatia**:
  - Member, Departmental Research Committee, Department of Punjabi, University of Delhi.
  - Member, Committee of Courses, Department of Punjabi, University of Delhi.

- **Ms. Vishu Bellani**:
  - Secretary, Akhil Bharat Sindhi Boli Ain Sahit Sabha.
  - Convenor, Committee of Courses for Sindhi of Central Board of Secondary Education for three years in 2012

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **N/A**

23. Awards / Recognitions received by faculty and students:

- **Dr. K.S.Bhatia**
  - Punjabi Bhasha Sewa Sanman from Punjabi Academy.

- **Ms. Vishu Bellani**
  - Award for Promotion of Sindhi Language/Education by Sindhi Academy, 2011

24.List of eminent academicians and scientists / visitors to the department:

- **Department of Bengali**

Eminent Academicians Invited

- Prof. Nandita Basu, Head of the department MILLS, , Department of Bengali, University of Delhi.
- Dr. Dilip Basu, Associate Professor,Rajdhani College, University of Delhi
- Dr. Amitav Chakraborty, Associate Professor, MILLS, Department of Bengali, University of Delhi.
- Dr. Yunis Mohd. ,Assistant Professor, Zakir Hussain College(Evening), Department of Bengali, University of Delhi.

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International : **N/A**

26.
27. **Kindly refer to the note at page no. 241**
28.
29.

30. Details of Infrastructural facilities

a) Library : **College Library**

b) Internet facilities for Staff & Students: **Common Access through College Internet**

c) Class rooms with ICT facility) : **N/A**

d) Laboratories : **N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- **Department Of Bengali** organized
- Seminar "Jibanandu Kobrtay Sahar Chetna" in 2011
- Seminar "Saratchander Jiban O Sahitya" in 2012.
- Workshop "Cinema and Literature" in 2013.
- Seminar "Bangla Janopriya Sahitte Digh Poribartan" in 2014

33. Teaching methods adopted to improve student learning :

- **Interactive Group discussions**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

- **N/A**

35. SWOC analysis of the department and Future plans :

Bengali		
Strength	**Weakness**	**Opportunities & Challenges**
One of the few colleges of University of Delhi to offer Bengali as a subject. Faculty members publish books & feature regularly in renowned Bengali Magazines.	Department without Honours Course.	Students who opt for Bengali have the opportunity to find a career in Media & Translation work for the Nodal Ministries & Publishing Houses. With only two teachers in the department Bengali Literary Society of the college takes the challenge to organize Seminars to enhance the learning experience of its students and also provides them exposure to different trends.
Punjabi		

One of the few colleges of the University of Delhi to offer Punjabi as a language in B.A.(Programme) Course.	A limited number of students with only one faculty member.	Opportunity to develop & preserve the precious heritage of Punjabi Language & Literature. To enrich the students with the knowledge of the Punjabi Literature beyond the syllabus is a challenging task.
Sindhi		
Only College of University of Delhi which offers Sindhi as a language in B.A.(Programme) Course.	College has only six seats reserved for the students who opt for Sindhi as one of the languages.	Students who opt for Sindhi can find a career in Media & Translation work for nodal Ministries & Publishing Houses. Sindhi Language being not associated with any state offers challenging opportunity to develop & preserve the precious heritage of its Literature.

Evaluative Report of the Department of PHILOSOPHY

1. Name of the Department : **PHILOSOPHY**

2. Year of Establishment : **1952**

3. Names of Courses offered : **Philosophy as a minor subject is offered to various courses of all streams.**

4. Names of Interdisciplinary courses and the departments/units involved:

   - **Department of Commerce, Economics, English, Hindi, History, Mathematics, Political Science & Sanskrit**

5. Annual/semester/choice based credit system (programme wise):

   - **Semester**

6. Participation of the department in the courses offered by other departments:

   - **Same as in Question no. 4**

7. Courses in collaboration with other universities, industries, foreign Institutions, etc.:

   - **NIL**

8. Details of courses/programmes discontinued (if any) with reasons**:**

   - **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	02 promoted as Associate Professor under MPS/CAS)
Assistant Professors	03	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experienc	No. of Ph.D. Students Guided for the Last 4 years
Dr. Arati Barua	M.A., Ph.D.	Associate Professor	Indian Philosophy, Western/ German Philosophy	26	Nil
Dr. Subasini Barik	M.A, M.Phil., Ph.D.	Associate Professor	Philosophy of Action, Mind & Logic, Philosophy of Action, Philosophy of Mind	19	Nil

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

- **NIL**

13. Student-Teacher Ratio (programme wise): **N/A**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **NIL**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.:

- **Same as Question 10.**

16. Number of faculty with ongoing projects from a)National, b)International funding agencies and grants received:

- **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **NIL**

18. Research Centre/facility recognized by the University:

- **N/A**

19. Publications:
* Publication per faculty: **14/2 =7**

* Number of publications listed in international Database(For Eg: Web of Science, Scopus Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.) published

Name	Number of papers published in peer reviewed journals(National/ International)	Monographs	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. Arati Barua	9	1	6	4	5
Dr. Subasini Barik	5	-	-	-	-

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in

a)National committees b)International Committees c) Editorial Boards….

- **Dr. Arati Barua**

National Committee:

- Founder Director of the Indian Division of the Schopenhauer Society, (IDSS) founded in July 2002, a recognized division under the *German Schopenhauer-Gesellschaft*, Germany. An Assam Chapter is opened under IDSS since 2009 at Guwahati University.
- Invited Member, Indian Association for Canadian Studies.
- Life member, The Indian Philosophical Congress.
- Life Member, "Sandhan" journal of the Centre for Study in Civilizations.
- Life Member, JICPR (Journal of Indian Council of Philosophical Research).
- Life Member , Review of Darshana (Journal of the department of Philosophy, Allahabad University).

International Committee:

Member

- North American division of the Schopenhauer Society (NADSS), a division of the *German Schopenhauer-Gessellschaft*. USA.
- International Schopenhauer Society / Schopenhauer-Gesellschaft, Germany.

- Women's philosopher of UNESCO. Who's Who of *women philosophers*, *members* of the UNESCO.
- American Philosophical Association (APA), USA. Till 2005.
- Council for Research in values and Philosophy (CRVP)

Editorial Board:

- An elected member of the scientific advisory board of the *Schopenhauer Year Book (journal of Philosophy)* , Germany, since March 2004.

➢ **Dr. Subasini Barik**

- Member, Committee of Courses, Department of Philosophy, University of Delhi.
- Convenor & Member, Moderation Committee, Department of Philosophy, University of Delhi.
- Member, FYUP Syllabus, Department of Philosophy, University of Delhi.
- Life Member, the Indian Division of the Schopenhauer Society, (IDSS).
- Life Member, Indian Philosophical Congress.
- Life Member, Center for Studies in Civilizations.
- Life Member, All Orissa Philosophical Association.
- Founding & Life Member of Jangyanodaya.
- Life Member, All India Woman's Education Fund Association.

22. Student projects : **NIL**

a) Percentage of students who have done in-house projects including inter-departmental/programme :

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:

23. Awards/Recognitions received by faculty and students:

24. List of eminent academicians and scientists/visitors to the Department:

- Prof. Matthias Kossler, Johannes Gutenberg University of Mainz, Germany.
- Prof. Thomas Regehley, Frankfurt Schpenhauer Society Division, Germany.
- Prof. Guenter Zoeller, Munich University, Germany.
- Prof. Yasuo Kamata, Kyoto University, Japan.
- Dr Ruffing, Johannes Gutenberg University of Mainz, Germany
- Prof. N. N. Chakravorty, MS, ICPR.
- Prof. S. R. Bhatt, University of Delhi.
- Prof. R. C. Pradhan, Hyderabad University.
- Prof R. K. Gupta, IIT ,Kanpur.
- Prof. Shashi Motilal, Professor in Philosophy,University of Delhi.
- Prof. Jay Drydyk , Professor in Philosophy, Carelton University, Canada.
- Prof**.** Aditya Kumar Mohanty**,** Professor in Philosophy,Utkal University.
- Prof. R C Pradhan, Hyderabad University.
- Prof. Sitansu Ray, Visva Bharati University, Kolkata.

- Prof. Indu Sarin , Panjab University.
- Prof. Vibha Chaturvedi, Professor in Philosophy, University of Delhi

25. Seminars/Conferences/Work shops organized & the source of funding

a) National

b) International

- Indian division of the Schopenhauer society, a two day International conference on "Understanding Schopenhauer through the Prism of Indian Culture: Philosophy, Religion and Sanskrit Literature" in Collaboration with the Special Center for Sanskrit Studies, JNU sponsored by Schopenhauer Gesellschaft, JNU, MMB and Indian Council of Philosophical Research (ICPR) which was held in March (4-5) 2010 at JNU, New Delhi. It was also bilaterally organized by IDSS, India and Schopenhauer Research center, University of Mainz, Germany.

- The Assam Chapter of Indian division of Schopenhauer Society (IDSS) organized a Round table at Guwahati University during (26-29 October 2010) on the occasion of 85th session of IPC in collaboration with IDSS.

- A Seminar talk was organised on "Tat Tvam Asi and Compassion: Schopenhauerian Ethics in the perspective of comparative Religion' by Prof. Yasuo Kamata, Japan (Kyoto Univ) in a joint effort with the IDSS on 18th September 2012 in the college premise, sponsored by Deshbandhu College**.**

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

a) Library	:	**College Library**
b) Internet facilities for Staff & Students	:	**Common Access through College Internet**
c) Class rooms with ICT facility)	:	**N/A**
d) Laboratories	:	**N/A**

31. Number of students receiving financial assistance from college, university, Government or other agencies : **Same as in Clause 5.1.3**

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

- Department organized a workshop on "Common sources of stress and its impact" on 16th March 2007 at Deshbandhu College, Kalkaji in collaboration with YWCA, New Delhi & CSWB, India.
- Department organized a seminar on '*Training for trainers: Empowering youth towards eradication of violence against women*' on 12th February, 2009 in collaboration with BAHAI HOUSE, New Delhi. Funded by BAHAI HOUSE.
- Department organized the 1st Periodical Lecture Series of Indian Council of Philosophical Research on '*Relevance of Philosophy in Current Society*' at Deshbandhu College, Kalkaji, 25th March 2011.
- Department organised the 2nd Periodical Lecture Series of Indian Council of Philosophical Research on ' *Philosophy and Development*' at Deshbandhu College, Kalkaji, on 13th March 2012.

33. Teaching methods adopted to improve student learning:

- **Interactive Group Discussions.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- **N/A**

35. SWOC analysis of the department and Future plans:

Strength:

This department with B.A. Programme & concurrent course could manage to invite many Scholars of National and International repute to its credit. Constant effort of its faculty members made this subject popular amongst various other disciplines despite the fact of not being a school subject primarily.

Weakness :

Department does not have Honours course.

Opportunity:

Philosophy is one such rare subject which can have a major role on the personality development of every student of any stream.

Challenges:

Only two faculty members of a small non Honours Department normally handle with care a large number of students with excellent result. Simultaneously it organizes conferences time to time with regular basis that provides exposures & knowledge to the students as well as credit to the college.

Evaluative Report of the Department of Physics

1. Name of the Department : **PHYSICS**
2. Year of Establishment : **1952**
3. Names of Programmes / Courses offered

- **B.Sc. (Hons.) Physics**

4. Names of Interdisciplinary courses and the departments/units involved

- **B.Sc.(Physical science) with Department of Chemistry, Computer Science and Mathematics**

5. Annual/ semester/choice based credit system (programme wise) :

- **Semester**

6. Participation of the department in the courses offered by other departments

- **Department of Chemistry, Computer Science and Mathematics**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons:

- **NIL**

9. Number of Teaching posts :

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	05 Promoted as Associate professors under MPS/CAS

Assistant Professors	22	09

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Ajay Kumar Arora	M.Sc. , Ph.D.	Principal	Material Science	24	-
Dr. P.K. Mukerjee	M.Sc., Ph.D., L.L.M.	Associate Professor	Plasma Physics (EM Theory)	38	-
Dr. Gouri Datta	M.Sc., Ph.D.	Associate Professor	Solar Energy	33	Examiner
Dr. Partha Goswami	M.Sc., M.Phil., Ph.D.	Associate Professor	Condensed Matter Physics	30	-
Dr. U.P. Tyagi	M.Sc., Ph.D.	Associate Professor	Condensed Matter Physics	27	-
Dr. Kakoli Bera	M.Sc., Ph.D.	Associate Professor	Condensed Matter Physics	17	-
Ms. Manju Rani	M.Sc.	Assistant Professor	Nuclear Physics	10	-
Dr. Pankaj Singh	M.Sc., Ph.D.	Assistant Professor	Atmospheric Physics	11	-
Mr. Ajay Pratap Singh Gahlot	M.Sc.	Assistant Professor	Condensed Matter Physics	11	-
Dr. Aditya Saxena	M.Sc..,Ph.D.	Assistant Professor	Condensed Matter Physics	11	-

11. List of senior visiting faculty:

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

- **59% (Approx.)**

13. Student -Teacher Ratio (programme wise):

- B.Sc.(Hons.) : **15:1**
- B.Sc.(Programme) : **20: 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	**Sanctioned**	**Filled**
Lab Assistant	12	11
Lab Attendant	09	05
Workshop Mechanic	01	01

15. Qualifications of teaching faculty with DSc. / D.Litt. / Ph.D. / MPhil / PG.

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-

- **Four faculty members are engaged in Innovation projects funded by University of Delhi.**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

- **NIL.**

18. Research Centre /facility recognized by the University:

- **NIL**

19. Publications:

∗ a) Publication per faculty

∗Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name	Number of papers published in peer reviewed journals (national/ International)	Monographs	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. Ajay Kumar Arora	10	--	07	01	**07** **Computer System and Data Analysis** ISBN No. 81-7684-924-3 Satya Prakashan, New Delhi **Elements of Computer Scienc** ISBN No. 81-7684-925-1 Satya Prakashan, New Delhi **Introducing Probability & Statistics** ISBN No. 81-7684-919-7 Satya Prakashan, New Delhi **Basic Vector Analysis** ISBN No. 81-7684-922-7 Satya Prakashan, New Delhi **Basic Vector Calculus** ISBN No. 81-7684-921-9 Satya Prakashan, New Delhi **Elementary Real Analysis** ISBN No. 81-7684-923-5 Satya Prakashan, New Delhi **Introducing Metric Spaces** ISBN No. 81-7684-918-9 Satya Prakashan, New Delhi
Dr. P.K. Mukerjee	23	--	--	--	**03** **Nanotechnology** ISBN No.:978-81-908810-3-6, 2009 AISECT, Bhopal **Laser Light** ISBN No.:978-93-81358-03-0, 2013 AISECT, Bhopal

					Vigyan Ke Naye Kshitij ISBN No.:978-81-230-1784-6, 2013 Publications Division Ministry of Information & Broadcasting Govt. of India
Dr. Gouri Datta	58 (including Conferences)		--	02	--
Dr. Partha Goswami	26	--	--	--	**02** **Mathematical Physics,** ISBN-13:978-81-315-1786-4; ISBN-10:81-315-1786-1 Cengage Learning India Pvt. Ltd. **General Physics** ISBN: 81-7515-083-1 Galgotia's Publications Pvt. Ltd.
Dr. U.P. Tyagi	04	--	--	--	--
Dr. Kakoli Bera	12	--	--	--	--
Ms. Manju Rani			--	--	--
Dr. Pankaj Singh	07	--	--	--	
Mr. Ajay Pratap Singh Gahlot	02	--	01	--	--
Dr. Aditya Saxena	16	--	01	04	--

* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated:

- **NIL**

21. Faculty as members in

a) National committees:

- **Dr. Gouri Datta**
- Member, Solar Energy Society of India.

- Member & Executive, Indian Chapter of International Centre for Theoretical Physics.

➢ **Dr. U.P. Tyagi**
- Observer, CBSE for AIPMT & AIEEE Exams.
- Member, Curriculum Development Committee of University of Delhi.

b) International Committees:

➢ **Dr. Gouri Datta**

- Member, International Energy Foundation.
- Member, International Association for Solar Energy Education.
- Member, World Renewable Energy Network.

c) Editorial Boards…

➢ **Dr. Partha Goswami:**

- Reviewer, Indian Journal of Pure & Applied Physics (IJPAP).

➢ **Dr. Aditya Saxena**

- Editor in chief: Journal of Nanoscience, Nanoengineering and Nanotechnology
- Editor: Omniscience

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme :

- **Thirty students of the department are engaged in innovation projects funded by University of Delhi.**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

➢ **N/A**

23. Awards / Recognitions received by faculty and students:

➢ **Dr. P.K.Mukherjee**

- Received Vigyanratna Shri Laxman Prasad Aavishkar Lekhan Samman 2010 on the book titled "Nanotechnology".

- **Dr. Gouri Datta:**

  - Conferred with WREN International Pioneer Award in 2010.
  - Nominated, Fellow and Associate Professor of Stromstad Academy, Sweden in 2011.

24. List of eminent academicians and scientists / visitors to the department

  - Dr.Lawrence L. Kazmerski, the Executive Director, Science and Technology, National Renewable Energy Lab Deuron Colorado, USA.
  - Prof. Amitabh Mukherjee,Head, Department of Physics and Astrophysics, University of Delhi.
  - Prof. Vinay Gupta, Professor, Department of Physics and Astrophysics, University of Delhi.
  - Dr. Sarvesh, Scientist C, IUAC.

25. Seminars/ Conferences/Workshops organized & the source of funding

  a) National

  b) International:

  - **NIL**

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

  a) Library : **College Library**

  b) Internet facilities for Staff & Students: **Common Access through College Internet**

  c) Class rooms with ICT facility) : **One Class Room with LCD Projector**

  d) Laboratories : **03**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to clause 5.1.3.**

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts :

- Department has a very vibrant and active Physics Society **PHYSICA,** managed by students under the guidance of teacher-in-charge/convener of the society, arrange special lectures/workshops/fresher-introduction get-together/farewell to passing students/one day science awareness trip/semester break excursion trip.

  COHERENCE, two days inter -college annual function of the Society organizes various student enrichment programmes like Quiz, Treasure Hunt etc.

- **Activities of the PHYSICA during 2011-2014:**
- A talk on renewable energy resources.
- A valuable session on 'Origin of Species'.
- An interactive session on 'Careers for Physics students'

33. Teaching methods adopted to improve student learning:

- **Exhaustive Assignments**
- **Class tests**
- **Problem Solving Classes**
- **Group Discussions**
- **Projects**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- **Students participated in cleanliness drive (Swachh Bharat Abhiyan) organized by the college to aware the students about their social duties and responsibilities.**

35. SWOC analysis of the department and Future plans :

Strength:

- Competent & dedicated faculty always interacting through discussions and laboratory sessions to set up a student friendly academic environment.
- Faculty members with varied specialization actively engaged in research.
- Well-equipped and well maintained Laboratories.
- Co-operative Support Staff.

Weakness:

- Space limitation in Class Rooms & Labs due to growing number of students.

Opportunity:

- Ample scope for research projects for teachers as well as students.

Challenges:

- With courses like Biotechnology, Computer Science, IT and Engineering the biggest challenge for a subject like physics is to motivate students for taking up higher studies & research.
- To improve the soft skills of students through several interactive sessions both in theory and practical.

Future Plans:

- Department is planning to take a major project which will engage the faculty as well as students in research and also to develop a research Centre for the department.

Evaluative Report of the Department of Political Science

1. Name of the Department : **POLITICAL SCIENCE**

2. Year of Establishment : **1952**

3. Names of Courses offered : **B.A.(Hons.) Political Science**
M.A. Political Science

4. Names of Interdisciplinary courses and the departments/units involved

- **Department of Commerce, Economics, English, Hindi, Mathematics, Philosophy, Sanskrit**

5. Annual/semester/choice based credit system (programme wise): **Semester**

6. Participation of the department in the courses offered by other departments:

- **Same as in Question no. 4**

7. Courses in collaboration with other universities, industries, foreign institutions etc.:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons**:**

- **NIL**

9. Number of teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	09 promoted as Associate Professor under MPS/CAS
Assistant Professors	I6	10

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. Students Guided for the last 4years
Dr. Chandrika Gulati	M.A., Ph.D.	Associate Professor	Gender Studies	35	--
Ms. Neelam Borowankar	M.A.	Associate Professor	Political Theory	35	---
Dr. Seema Narayan	M.A., M. Phil., Ph.D.	Associate Professor	International Relations/ international Security	32	2 M Phil. Students
Dr. Matadin Gupta	M.A., M. Phil., Ph.D.	Associate Professor	Russian Political	28	---
Dr. D. P. Nanda	M.A., M.Phil., Ph.D.	Associate Professor	Political Theory Indian Politics	20	---
Dr. Joyeeta Dutta	M.A. ,Ph.D., D. litt.	Associate Professor	International politics	20	---
Sh. T. Srinivas Rao	M.A.,M. Phil.	Associate Professor	Indian Politics	18	---
Sh. A. M. Seharyar	M.A.,M. Phil.	Assistant Professor	Indian Politics	18	---
Dr. Biswajit Mohanty	M.A., M.Phil., Ph.D.	Associate Professor	Election Studies; Development Studies	15	01(Degree Awarded) 03(Ongoing)
Dr. Jayabrata Sarkar	M.A., M Phil, Ph.D.	Associate Professor	Indian Politics	20	---

11. List of senior visiting faculty**:** **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

- **38% (Approx.)**

13. Student-Teacher Ratio (programme wise): **23:1(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- **NIL**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

- **Dr. Joyeeta Datta has completed her D. Litt . (Others Same as in Question 10.)**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

- **None**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- One Major Research Project funded by the UGC:
- General Elections 2009: An Empirico-Interpretative Study of Public Opinion in Delhi, Biswajit Mohanty, Principal Investigator.

18. Research Centre/facility recognized by the University: **N/A**

19. Publications:
* Publication per faculty:
* Number of publications listed in international Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) published

Name	Number of papers published in peer reviewed journals(national/ International)	Monographs	**Chapter in Books**	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. Chandrika Gulati	**3**	---	**1**	---	01 **Bangladesh: Liberation to Fundamentalism Commonwealth** Publisher, New Delhi, Year of publication 1988 ISBN 81-900066-9-X
Dr. Seema Narayan	**6**	---	---	---	---

Dr. Matadin Gupta	**1**	---	---	---	01 **Political Participation in the USSR, Commonwealth** Publishers, New Delhi, Year of publication 1989 ISBN 81-7169-021-1
Dr. Joyeeta Dutta	---	---	---	---	**01 Poverty Alleviation in Assam,** The Institute of Constitutional and Parliamentary Studies and Hope India publication, New Delhi, Year of publications 2009 ISBN: 817871169-9
Dr. Biswajit Mohanty	**2**	--	**1**		**01 Bibliography on Governance** Observer Research Foundation, New Delhi, Year of Publication 2005 ISBN:61-66616-10-3
Dr. Jayabrata Sarkar	**2**	**1**	--	--	--

* SNIP
* SJR
* Impact factor
* Citation Index
* H- index

20. Areas of consultancy and income generated: **N/A**

21. Faculty as membership

a) National committees b) International Committees c) Editorial Boards….

- **Dr. Biswajit Mohanty,** Member, American Political Science Association, (APSA) USA

- **Dr. Chandrika Gulati,** Life member, Indian institute of Public Administration, New Delhi.

- **Dr. Jayabrata Sarkar,** Member of advisory board of Journal *Diviner* .

22. Student projects

a) Percentage of students who have one in-house projects including interdepartmental/programme: **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: **N/A**

23. Awards/Recognitions received by faculty and students: **N/A**

24. List of eminent academicians and scientists/visitors to the department

- Prof. Ashok Acharya, Professor, Department of Political Science, University of Delhi.
- Prof. SushmaYadav, formerly Professor, Indian Institute of Public Administration.
- Prof. M.P.Singh, formerly Professor, Department of Political Science, University of Delhi.
- Prof. P.K.Dutta, Professor, Department of Political Science, University of Delhi.
- Mr. Vipul Mudgal, Fellow, Centre for the Study of Developing Societies
- Prof. Pushpesh Pant, Professor, SIS, Jawaharlal University
- Dr. Padmanabh Samrendra, Associate Professor, Centre for Minority Studies, Jamia Milia Islamia
- Dr. Saroj Giri, Assistant Professor, University of Delhi.
- Prof. Tulsi Ram, Professor, SIS, Jawaharlal Nehru University
- Mr. Aditya Nigam, Fellow, Centre for the Study of Developing Societies

25. Seminars/Conferences/Workshops organized & the source of funding

a) National

b) International

- **N/A**

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

a) Library	:	**College Library**
b) Internet facilities for Staff & Students:		**Common Access through College Internet**
c) Class rooms with ICT facility)	:	**N/A**
d) Laboratories	:	**N/A**

31. Number of students receiving financial assistance from college, university, Government or other agencies: **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

Talks delivered by Eminent Academicians

2010

- Multi-culturalism and Liberal Societies by Professor Ashok Acharya, Professor, Department of Political Science, University of Delhi.
- Economic Ideas of Dr. B.R. Ambedkar by Professor SushmaYadav, formerly Professor, Indian Institute of Public Administration

2011

- Federalism in India by Professor M.P.Singh, formerly Professor, Department of political Science, University of Delhi
- Nationalism in India by Professor P.K.Dutta, Professor, Department of Political Science, University of Delhi

2012

- Impact of Social Media by Vipul Mudgal, Fellow, Centre for the Study of Developing Societies
- State of Democracy in India by Professor Pushpesh Pant, Professor, SIS, Jawaharlal University
- Caste and Census by Dr. Padmanabh Samrendra, Associate Professor, Centre for Minority Studies, Jamia Milia Islamia
- Mass Movements and revolution by Dr. Saroj Giri, Assistant Professor, University of Delhi

2013

- Dalit Issue by Professor Tulsi Ram, Professor, SIS, Jawaharlal Nehru University

2014

- Between Democracy and Populism: Some Conceptual issues by Aditya Nigam, Fellow, Centre for the Study of Developing Societies

33. Teaching methods adopted to improve student learning:

- Students have been participating in Election Surveys conducted by Lokniti: A Comparative Study of Democracy Programme of the Centre for Study of Developing Societies, with Dr. *Biswajit Mohanty* as the state coordinator of Delhi. This gives students ample opportunities to relate theory in the class to practice for understanding Indian Politics.

- Study tours are conducted by the department to various places related to the papers taught. So far, two study tours have been conducted outside Delhi: first, to Udaipur and the second, to Jaisalmar. Project reports are prepared on the basis of the tour and evaluated for grading.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Students participate in Debates, Dramas etc. organised by the College and different societies.

35. SWOC analysis of the department and Future plans:

Strength:

- The department with its best teaching and research oriented faculty has been instrumental in producing graduates with academic excellence that is reflected in the rate of passing and percentage of marks they obtain. The teaching faculty believes in associational, interactive and field survey method. Apart from teaching, the faculty members are also enthusiastically carrying out research which is reflected in publication of well acclaimed books and articles in peer reviewed journals. They also guide research students in the political science department at University which helps them to further their research interests. They also take up research projects as well.

Weakness:

Weakness lies in not collectively producing work that would enable the department to be propelled as a single vibrant unit.

Opportunities:

The opportunity for the department is that it has the potential to pursue more inter-disciplinary research collectively.

Challenge :

Challenge is to cope with the enhancing student's capability in the department and pursuing research work.

Evaluative Report of the Department of Sanskrit

1. Name of the Department : **SANSKRIT**

2. Year of Establishment : **1958**

3. Names of Courses offered : **B.A.(Hons.) Sanskrit**
M.A. Sanskrit.

4. Names of Interdisciplinary courses and the departments/units involved:

- **Department of Economics, English, Hindi, Mathematics, Philosophy, Political Science**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments:

- **Same as in Question no.4**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- **NIL**

8. Details of courses/programmes discontinued (if any) with reasons**:**

- **NIL**

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	**NIL**	**NIL**
Associate Professors	**NIL**	02 promoted as Associate Professors under MPS/CAS)
Assistant Professors	08	07

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. G.C.Pant	M.A., M.Phil., Ph.D.	Associate Professor	Sanskrit Poetics, Modern Sanskrit Literature	24	10(Ph.D.) 03 (Ph.D On-going) 02 (M.Phil.)
Dr. Rama Singh	M.A., M.Phil., Ph.D.	Associate Professor	Sanskrit Poetics & Literature	24	NIL
Dr. Jaya Ojha	M.A., Ph.D.	Assistant Professor	Darshan & Grammar	33	NIL
Dr. Rajvir Shastri	M.A., M.Phil., Ph.D.	Assistant Professor	Veda	6+	NIL
Dr. Anand Kumar	M.A., M.Phil., Ph.D.	Assistant Professor	Dharamashastra	10	NIL
Dr. Ashish Kumar	M.A., M.Phil., Ph.D.	Assistant Professor	Indian Philosphy	06 Months	NIL
Dr. Sarvendra Kumar	M.A., M.Phil., Ph.D.	Assistant Professor	Jyotish	05 Months	NIL

11. List of visiting faculty : **N/A**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **: 12%**

13. Student -Teacher Ratio (programme wise): **26.5:1(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **N/A**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **N/A**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

- **N/A**

18. Research Centre /facility recognized by the University: **N/A**

19. Publications:
    * Publication per faculty
    * Number of publications listed in international Database(For Eg. Web of Science, Scopus, Humanities International Complete ,Dare Database- International Social Sciences Directory, EBSCO host, etc.) published

Name	Number of papers published in peer reviewed journals (national/ International)	Chapter in Books	Books Edited	Books with ISBN/ISSN numbers with details of Publishers
Dr. G.C.Pant	08			**03** **Kavyapraksa– Vivekanushilana,** Pratibha Prakashan**,** Delhi 2001. **Shukla Balram,Tripathi Chandrashekhar,'Adhunika sanskrit Sahitya Sanchayana,** Vidyanidhi Prakashan, Delhi 2008. **Sabdartha Bodha Evama Sanketagraha Siddhanta,** Vidyanidhi Prakashan, Delhi, 2014.
Dr. Rama Singh				**01** **Ramachandra kavikrit rasikjanam kavya ka ek adhyayan** Published by Delhi University Publication Division, Delhi 1991(through UGC)
Dr. Jaya Ojha	-	-	-	-
Dr. Rajvir Shastri	3	-	1	**01** **Atharvveda Vimarsh Prakriti evam Prayavarana ke Vishesh Sandarbh mein**.

				Khama Publishers, Delhi ISBN- 81-85495-84-X
Dr. Anand Kumar	5	-	-	**03** **Sanskrit Sopanam -1, 2,3** ISBN 81-209-1163-6/1-72 ISBN 81-209-1165-2/1-61 ISBN 81-209-1166-0/1-64
Dr. Ashish Kumar	5	-	-	***02*** ***VIDYAWARTA*** ISSN-2319 9318, ISSU-Vi, VOL-1&2. ***SANSKRIT MANJARI*** ISSN-2278-8360
Dr. Sarvendra Kumar	8	8	-	**01** **Uttaranchal ke mandiron mein vastu shastra ka viniyoga** Pariaml Publication, Delhi, ISBN-978-81-7110442

- Citation Index
- SNIP
- SJR
- Impact factor
- H- index

20. Areas of consultancy and income generated: **N/A**

21. Faculty as members in

a) National committees
b) International Committees
c) Editorial Boards….

- **Dr. G.C. Pant**
  Member, Board of Research Studies in Humanities, University of Delhi.
  Life Member of All India Oriental Conference, Pune.
  Life Member, Social Research Foundation, Kanpur.

- **Dr. Ashish Kumar**

Co-Editor & Member of Editorial Board, ISSN-2319 9318, *Vidyawarta,* Research Journal, Issue-VI- Vol-2, Vol-3, Issu-VII-Vol-1,Vol-2. etc..

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **N/A**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **N/A**

23. Awards / Recognitions received by faculty and students

- **Dr. G.C. Pant**

  Shragdharanandi Award for the best research paper titled **Vatsala Rasa Udbhavana Ki Sampurna Kavya Sastriya Pristhabhumi** in 41st session of All India Oriental Conference organized by Sri Jagannath Sanskrit University, Puri, Odissa

- **Dr. Rajvir Shastri**

  - Best Teacher Award by Delhi Sanskrit Academy in 2007.

24. List of eminent academicians and scientists / visitors to the department :

- Prof. Dipti Tripathi and Prof. K.K Mishra delivered Lecture on the occasion of *Vasantpanchmi Vyakhaanmala 5th* in 2015 .
- Prof. Ramesh Bhardwaj and Prof. S. S Rana delivered Lecture on the occasion of *Vasantpanchmi Vyakhaanmala 4th* in 2014
- Prof. Rajendra Mishra delivered Lecture on the occasion of *Vasantpanchmi Vyakhaanmala 3rd* in 2013.
- Prof. Ramesh Chandra Pandey and Prof. Devendra Mishra delivered Lecture on the occasion of *Vasantpanchmi Vyakhaanmala 2nd* in 2012.
- Dr. Raghunath Sharma delivered Lecture on the occasion of *Vasantpanchmi* ***Vyakhaanmala 1st*** in 2011.

25. Seminars/ Conferences/Workshops organized & the source of funding :

a) National : **N/A**

b) International : **N/A**

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

a) Library	:	**College Library**
b) Internet facilities for Staff & Students	:	**Common Access through College Internet**
c) Class rooms with ICT facility)	:	**N/A**
d) Laboratories	:	**N/A**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops/seminar) with external experts

- **SANKRIT SAMBHASHAN SHIVIR on 15th October 2014 to 29th October 2014.**
- **SANSKRIT-DIWAS on 13th August 2014.**
- **FIFTH SERIES OF LECTURES delivered on 24th january2015.**

33. Teaching methods adopted to improve student learning:

- **Blackboard Teaching**
- **Group Discussion**
- **Class Test**
- **Assignments**
- **Project**
- **Power Point Presentation etc.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- **Students participate in all activities of NSS Unit of the College.**

35. SWOC analysis of the department and Future plans

Strength:

- Highly Qualified faculty
- Ideal student-teacher relation.
- Co-ordination of teacher among themselves.

Weaknesses:

- Inadequate Infrastructure.

Opportunities & Challenges:

- Sanskrit language being the most ancient language plays a vital role in the history of Philosophy in the world & is honored everywhere in India. Many foreign scholars like Max Muller etc. were impressed by this language. It helps to build National integration. Ethics of the students grow through Sanskrit study. Sanskrit literature is called the store house of Indian Heritage. It provides an opportunity to the teachers of the department to enable the students to appreciate different forms & genre of literature & to become aware of the rich intellectual tradition of India.

- It is a challenging task for the Sanskrit teachers to develop the Sanskrit learning among the students & improve the language skills of the learners in order to equip them with better communicative, creative, analytical & critical abilities, so that they can build their ethical character and preserve the importance & existence of the Sanskrit.

Evaluative Report of the Department of Zoology

1. Name of the Department : **ZOOLOGY**

2. Year of Establishment : **1954**

3. Names of Courses offered :

- **B.Sc. (Hons.) Zoology**

4. Names of Interdisciplinary courses and the departments/units involved:

- **B.Sc. (Life Science) with Department of Chemistry and Botany.**
- **Environmental Studies**

5. Annual/ semester/choice based credit system (programme wise):

- **Semester**

6. Participation of the department in the courses offered by other departments

- **Chemistry (Environmental Studies, Biology-II), Physics(Environmental Studies)**
- **B.Sc. Physical Science(Biology-I, Biology-II and Environmental Studies)**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

- **NIL**

8. Details of Courses/programmes discontinued (if any) with reasons:

9. Number of Teaching posts:

	Sanctioned	**Filled**
Professors	NIL	NIL
Associate Professors	NIL	05 (Promoted to Associate professor under MPS/CAS)
Assistant Professors	18	10

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experien	No. of Ph.D. Students guided for the last 4 years
Dr. Devinder Singh	M.Sc., Ph.D.	Associate Professor	Animal Physiology & Entomology	38	--
Dr. Ravi kant	M.Sc., Ph.D.	Associate Professor	Neuroendocrinology& Reproductive Biology	32	--
Dr. Ranjana Seth	M.Sc., M.Phil., Ph.D.	Associate Professor	Entomology & Insecticide toxicology, Cell & Molecular Biology, Radiation Biology	24	--
Dr. Kamal Kumar Gupta	M.Sc., M.Phil., Ph.D.	Associate Professor	Insect Reproductive behaviour and Physiology, Vector biology and management	23	2(Ongoing)
Mr. Sunil Kayesth	M.Sc.	Assistant Professor	Entomology and IPM	9	--
Dr. Varsha Baweja	M.Sc.,Ph.D.	Assistant Professor	Developmental Biology, Physiology	22	--
Dr. Manisha Senger	M.Sc., Ph.D.	Assistant Professor	Reproductive physiology	10	--
Dr.Indrakant K. Singh	M.Sc., M.Phil, Ph.D.	Assistant Professor	Molecular biology and Bioinformatics	7	1(Ongoing)
Mr. Irengbam Rocky	M.Sc.	Assistant Professor	Genomics and proteomics	6	--
Mr. Moses Rinchui.N.	M.Sc., M.Phil.	Assistant Professor	Fish Biology	3	--

11. List of senior visiting faculty

- **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

- **40%(Approx.)**

13. Student -Teacher Ratio (programme wise)

- **18.7(Approx.)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	**Sanctioned**	**Filled**
Lab Assistant	12	5
Lab Attendant	9	5

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- **Same as in Question 10**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- **05**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

- **05**

18. Research Centre /facility recognized by the University :

- **02**

19. Publications:

* a) Publication per faculty: 55/10 = 5.5

*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences

Directory, EBSCO host, etc.)

Name	**Number of papers published in peer reviewed journals (national/ International)**	**Monographs**	**Chapter in Books**	**Books Edited**	**Books with ISBN/ISSN numbers with details of Publishers**
Dr. Devinder Singh	5	-	-	-	-
Dr. Ravikant	-	-	-	-	-
Dr. Ranjana Seth	8 Published 2 Submitted	-	-	-	-
Dr. Kamal Kumar Gupta	12	-	-	-	-
Mr. Sunil Kayesth	-	-	-	-	-
Dr. Varsha Baweja	14	-	1	-	-
Dr. Manisha Senger	2 Published 1 Submitted	-	-	1	978-81-7110-447-9
Dr. Indrakant K. Singh	8	1	4	1	**01** **Basic Concept of Cell Biology Practical (*In Press*)** Narosa International Publications Ltd.
Mr. Irengbam Rocky	1	-	-	-	-
Mr. Moses Rinchui N.	2 Communicated	-	-	-	-

* Citation-index
* SNIP
* SJR
* Impact factor
* h-index

20.Areas of consultancy and income generated:

- **NIL**

21.Faculty as members in

a)National committees b) International Committees c) Editorial Boards….

- **Dr.Kamal Kumar Gupta**
- Member, Entomological Society of India;
- Member in Editorial Committees of NCERT, ILLL Delhi University.

- **Dr. Indrakant K. Singh**

Membership in Scientific Societies & Editorial Boards

- Microbiology Society of India (2008).
- Indian Society of Cell Biology (2010).
- Indian Biophysical Society (2013).
- International Journal of Applied Biotechnology (IJAB)
- International journal of genetic engineering and Biotechnology (IJGEB)
- International journal of applied agricultural research (IJAAR)
- Journal of computational intelligence in bioinformatics (JCIB).

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **20 Students in Innovation Projects**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

23. Awards / Recognitions received by faculty and students:

- **Dr. Kamal Kumar Gupta**
  Nominated for Indo- South African Educational Exchange Programme in July,2008.

- **Dr. Indrakant K. Singh**
  Conferred with Young Scientist Scheme Award 2013 from Department of Science and Technology, Govt. of India.

- **Mr. Irengbam Rocky Mangangcha** : Recipient of**:**

- Young Faculty Training Program Fellowship, 2012-13, University of Delhi.
- University Staff Development Scholarship, 2012-13 University of Nottingham, U.K.

24. List of eminent academicians and scientists / visitors to the department

- Dr A.C. Dhariwal, Director, NVBDCP.
- Dr. P. K. Srivastava, Joint Director, NVBDCP.
- Dr. Nutan Nanda, Scientist F, NIMR.
- Dr. S. K. Sharma, Scientist F, NIMR.
- Dr. Raj Bhatnagar, Scientist F, ICGEB.
- Dr. Pawan Malhotra, Scientist F ICGEB.
- Dr. B. N. Nagpal, Scientist F, ICMR.
- Mr. Ajay Raghava, Deputy Director, MOEF.
- Prof. K. S. Rao, Department of Botany, University of Delhi.
- Dr. B. C. Sabata, Department of Environment, Delhi Govterment.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International

- National Symposium on "Vector Biology and Vector Management" on July 21, 2013 at Deshbandhu College, Kalkaji.
- National Symposium on "Environment: Challenges and Awareness" on Nov 5,2014 at Deshbandhu College, Kalkaji
- Second National Symposium on "Vector Biology and Vector Management" Schedule to be organized on Feb 12, 2015 at Deshbandhu College, Kalkaji.

26.

27. **Kindly refer to the note at page no. 241**

28.

29.

30. Details of Infrastructural facilities

a) Library	:	**Adequate text and reference books available in College library**.
b) Internet facilities for Staff & Students	:	**Wi-Fi enabled Campus**
c) Class rooms with ICT facility	:	**State of the art Lecture Theatre**
d) Laboratories	:	**3 well-equipped Laboratories**

31. Number of students receiving financial assistance from college, university, government or other agencies:

- **Refer to Clause 5.1.3**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

- **Inspire Internship Programme, Innovation projects, Symposium and Seminars.**

33. Teaching methods adopted to improve student learning

- **Interactive group discussions, power point presentations & one to one interaction in practical.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- **Our students are volunteers of NSS & NCC Unit of the college.**

35. SWOC analysis of the department and Future plans:

Strengths

- Well trained faculty to teach all discipline of Zoology with willingness to adopt new ideas.
- Faculty with international exposure and research training
- University approved research laboratories for Ph.D. Programme of Delhi University
- State of art lecturer theatres and laboratories with adequate infrastructure and paraphernalia to conduct the practical.
- Good Student- teacher interaction for their academic and personal growth and development.

Weakness

- Inadequate funds for maintenance of equipment in the laboratory
- Constraint of space

Opportunities and Challenges

- Students are exposed to research in innovation projects and at other research laboratories in India
- Department organizes **Symposiums/ Seminars and Workshops** for the benefit of the student
- Department encourages students to participate in **extra- curricular activities** at College and University level.

Department of Physical Education & Sports Sciences

Physical Education is considered an integral part of general education and leads to holistic development of personality through Cognitive, Affective and Effective learning. It is an art and science of promoting health by the deliberate effort of willful adoption of physical activities and sports.

Apart from the opportunities provided to students to represent college in various sports, the college also provides Physical Education as a subject "Fitness, Aerobics and Gym operation" in B.A.(Programme) as an application course.

This subject imparts the in-depth knowledge of fundamental and practice guidelines of health and fitness enabling the students to start their career in physical education and fitness industry, which is, now a day, one of the most growing industries across the world.

In today's high tech society, the success of Physical Education lies in the physical growth and development of students in fighting against the sedentary life style. It is through this approach, the students acquire the knowledge, skills, right attitude and values towards the pursuit of a physically active and healthy life style. It also provides an avenue for students to express themselves through movement and physical activity.

Faculty:	**Subject Offered:**
• Ms. Anjum Padyal (M.P.E.)	Fitness Aerobics & Gym Operation

* NOTE:

The College has not maintained the department wise data in the desired format as of now.

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in

F. No. 8-326/2013 (CPP-I/C)

SPEED POST

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

September, 2013

The Principal,
Deshbandhu College
Kalkaji
New Delhi – 110 019

18 SEP 2013

Sub: - Recognition of **Desh Bandhu College, Kalkaji, New Delhi – 110 019** under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

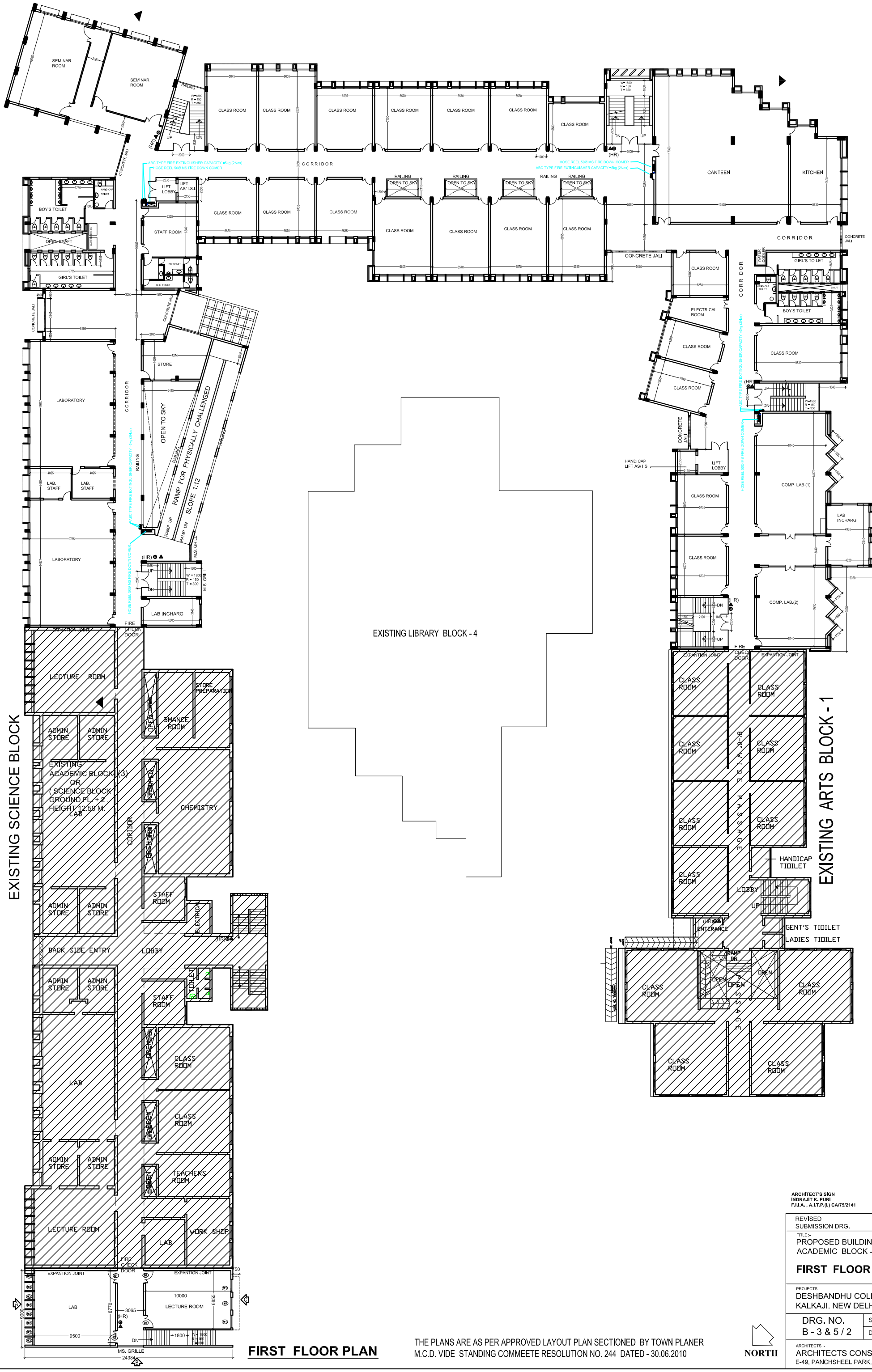
With reference to your letter no. DBC/Sr.P.A/2013/987 dated 17-08-2013 on the above subject, I am directed to say that the name of **Desh Bandhu College, Kalkaji, New Delhi – 110 019** established in the year of **1952**, affiliated to **University of Delhi** is included in the list of Colleges maintained under Section **2 (f) & 12 (B)** of the UGC Act, 1956 under the head **Government** College teaching upto **Master's** Degree.

Yours faithfully,

(P.K. Sharma)
Under Secretary

10/9/13

ISSUED



FIRST FLOOR PLAN

THE PLANS ARE AS PER APPROVED LAYOUT PLAN SECTIONED BY TOWN PLANER
M.C.D. VIDE STANDING COMMEETE RESOLUTION NO. 244 DATED - 30.06.2010

NORTH

ARCHITECT'S SIGN
INDRAJIT K. PURI
F.I.I.A. , A.I.T.P.(L) CA/75/2141

APPLICANT'S SIGN
PRINCIPAL

REVISED SUBMISSION DRG. | 6 / 28

TITLE :-
PROPOSED BUILDING PLAN
ACADEMIC BLOCK - 3 & 5

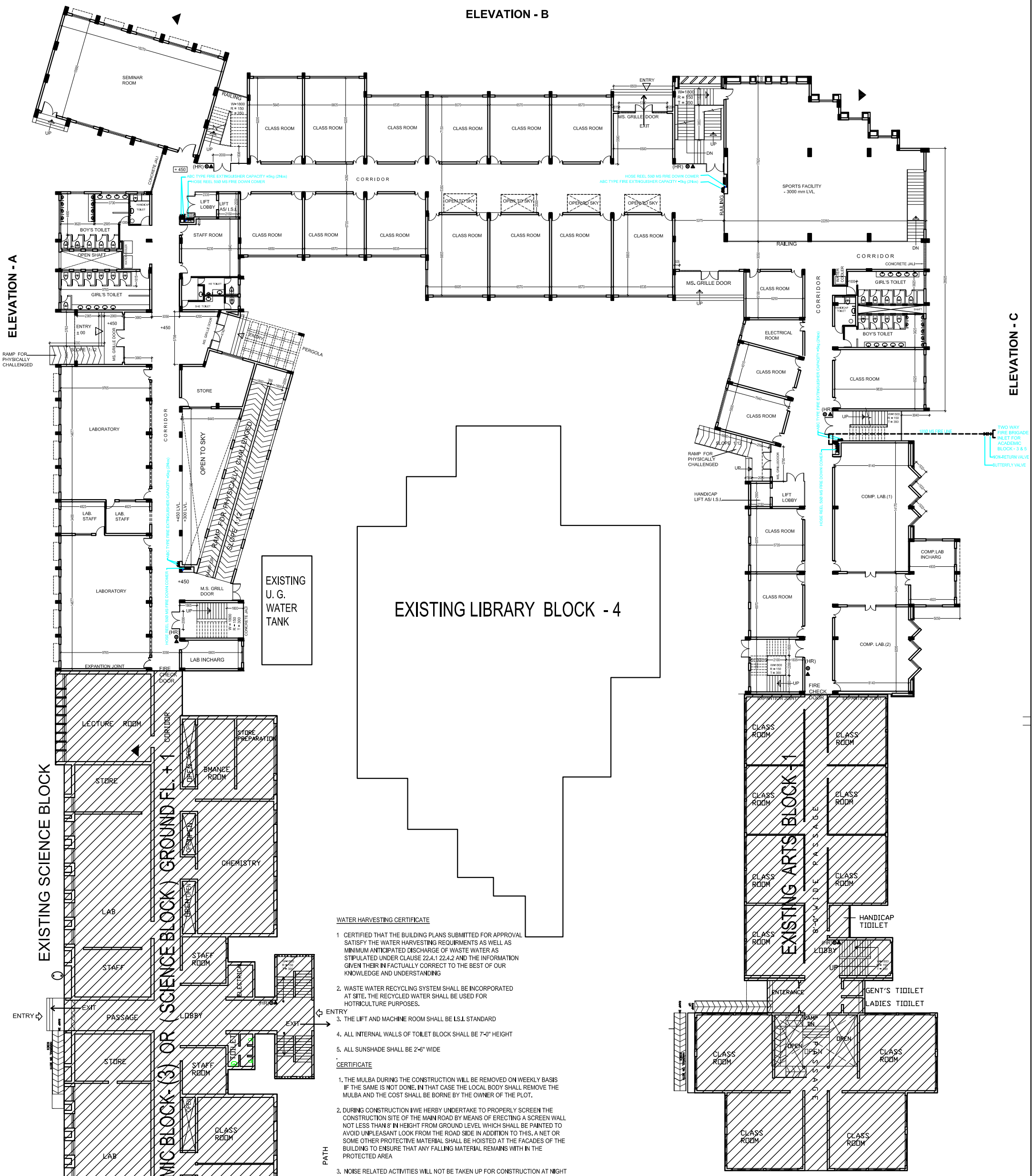
FIRST FLOOR PLAN

PROJECTS :-
DESHBANDHU COLLEGE
KALKAJI. NEW DELHI - 110019

DRG. NO. B - 3 & 5 / 2 | SCALE:- 1:200 (A1) | DATE : 20.04.2012

ARCHITECTS :-
ARCHITECTS CONSORTIUM
E-49, PANCHSHEEL PARK, NEW DELHI.

ELEVATION - B



ELEVATION - A

ELEVATION - C

EXISTING SCIENCE BLOCK

EXISTING ACADEMIC BLOCK (3) OR (SCIENCE BLOCK)

EXISTING LIBRARY BLOCK - 4

EXISTING ARTS BLOCK - 1

EXISTING U. G. WATER TANK

PATH

WATER HARVESTING CERTIFICATE

1. CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE WATER HARVESTING REQUIRMENTS AS WELL AS MINIMUM ANTICIPATED DISCHARGE OF WASTE WATER AS STIPULATED UNDER CLAUSE 22.4.1 22.4.2 AND THE INFORMATION GIVEN THEIR IN FACTUALLY CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING

2. WASTE WATER RECYCLING SYSTEM SHALL BE INCORPORATED AT SITE. THE RECYCLED WATER SHALL BE USED FOR HOTRICULTURE PURPOSES.

3. THE LIFT AND MACHINE ROOM SHALL BE I.S.I. STANDARD

4. ALL INTERNAL WALLS OF TOILET BLOCK SHALL BE 7'-0" HEIGHT

5. ALL SUNSHADE SHALL BE 2'-6" WIDE

CERTIFICATE

1. THE MULBA DURING THE CONSTRUCTION WILL BE REMOVED ON WEEKLY BASIS IF THE SAME IS NOT DONE. IN THAT CASE THE LOCAL BODY SHALL REMOVE THE MULBA AND THE COST SHALL BE BORNE BY THE OWNER OF THE PLOT.

2. DURING CONSTRUCTION I/WE HERBY UNDERTAKE TO PROPERLY SCREEN THE CONSTRUCTION SITE OF THE MAIN ROAD BY MEANS OF ERECTING A SCREEN WALL NOT LESS THAN 8' IN HEIGHT FROM GROUND LEVEL WHICH SHALL BE PAINTED TO AVOID UNPLEASANT LOOK FROM THE ROAD SIDE IN ADDITION TO THIS. A NET OR SOME OTHER PROTECTIVE MATERIAL SHALL BE HOISTED AT THE FACADES OF THE BUILDING TO ENSURE THAT ANY FALLING MATERIAL REMAINS WITH IN THE PROTECTED AREA

3. NOISE RELATED ACTIVITIES WILL NOT BE TAKEN UP FOR CONSTRUCTION AT NIGHT AFTER 10 P.M.

STRUCTURAL STABILITY CERTIFICATE

1. CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR, APPROVAL SATISFY THE SAFETY REQUIRMENTS AS STIPULATED UNDER CLAUSE 18 OF BUILDING BYELAWS 1983 AND THE INFORMATION GIVEN THERE FROM IS FACTUALLY CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDER TAKING

2. IT IS ALSO CERTIFIED THAT THE STRUCTURAL DESIGN INCLUDING SAFETY FROM NATURAL HAZARDS BASED ON SOIL CONDITIONS HAS BEEN DULY INCORPORATED IN THE DESIGN OF THE BUILDING AND THESE PROVISION SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SANITARY REQUIREEMENTS AS PER BUILDING BYE - LAWS

ACADEMIC BLOCK - 3 & 5 (TABLE -12)

NO.OF STUDENTS = 1600 STUDENTS
NO.OF STAFF = 200
1600 + 200 = 1800
MALE STUDENS 50% = 900
FEMALE STUDENS 50% = 900

FITMENTS	MALE	REQUIRED	PROVIDED
WATER CLOSET	1 PER 40 PERSONS (900 / 40 = 23)	23	27
ABLUTION TAPS	1 PER WATER CLOSET (900 / 40 = 23)	23	27
URINALS	1 FOR 20 PERSONS (900 / 20 = 45)	45	45
WASH BASINS	1 FOR EVERY 40 PERSONS (900 / 40 = 23)	23	27
PHYSICALLY CHALLENGED TOILET PROVIDED ON EACH FLOOR			3

FITMENTS	FEMALE	REQUIRED	PROVIDED
WATER CLOSET	1 PER 25 PERSONS (900 / 25 = 36)	36	36
ABLUTION TAPS	1 PER WATER CLOSET	36	36
WASH BASINS	1 FOR 40 PERSONS	23	30
PHYSICALLY CHALLENGED TOILET PROVIDED ON EACH FLOOR			3

GROUND FLOOR PLAN

THE PLANS ARE AS PER APPROVED LAYOUT PLAN SECTIONED BY TOWN PLANER M.C.D. VIDE STANDING COMMEETE RESOLUTION NO. 244 DATED - 30.06.2010

NORTH

ARCHITECT'S SIGN
INDRAJIT K. PURI
F.I.I.A. , A.I.T.P.(L) CA/75/2141

APPLICANT'S SIGN
PRINCIPAL

REVISED SUBMISSION DRG. 5 / 28

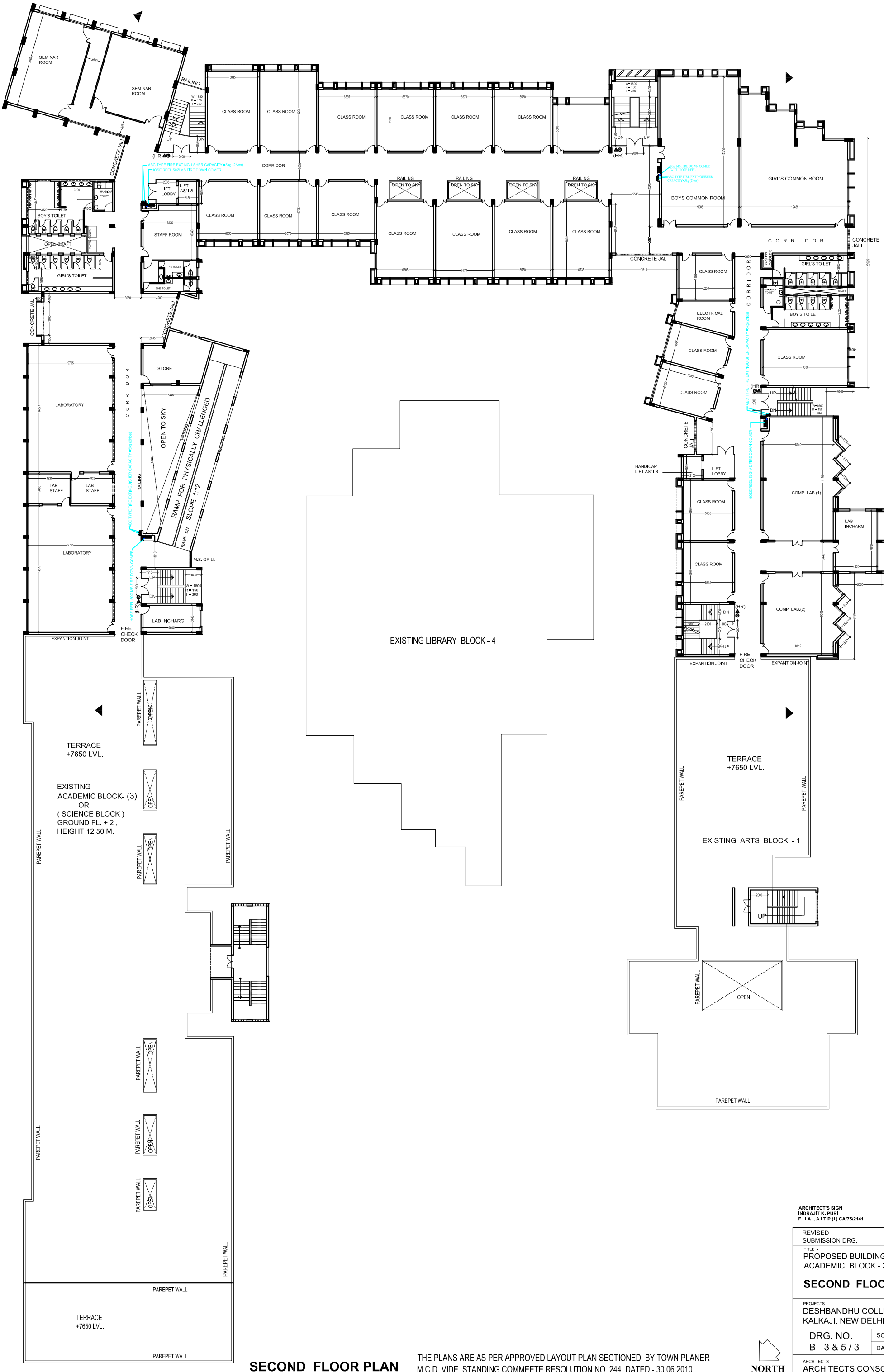
TITLE :-
PROPOSED BUILDING PLAN
ACADEMIC BLOCK - 3 & 5

GROUND FLOOR PLAN

PROJECTS :-
DESHBANDHU COLLEGE
KALKAJI. NEW DELHI - 110019

DRG. NO. B - 3 & 5 / 1
SCALE:- 1:200 (A1)
DATE : 20.04.2012

ARCHITECTS :-
ARCHITECTS CONSORTIUM
E-49, PANCHSHEEL PARK, NEW DELHI.



SECOND FLOOR PLAN

THE PLANS ARE AS PER APPROVED LAYOUT PLAN SECTIONED BY TOWN PLANER M.C.D. VIDE STANDING COMMEETE RESOLUTION NO. 244 DATED - 30.06.2010

NORTH

ARCHITECT'S SIGN
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F.I.I.A. , A.I.T.P.(L) CA/75/2141

APPLICANT'S SIGN
PRINCIPAL

REVISED SUBMISSION DRG. | 7 / 28

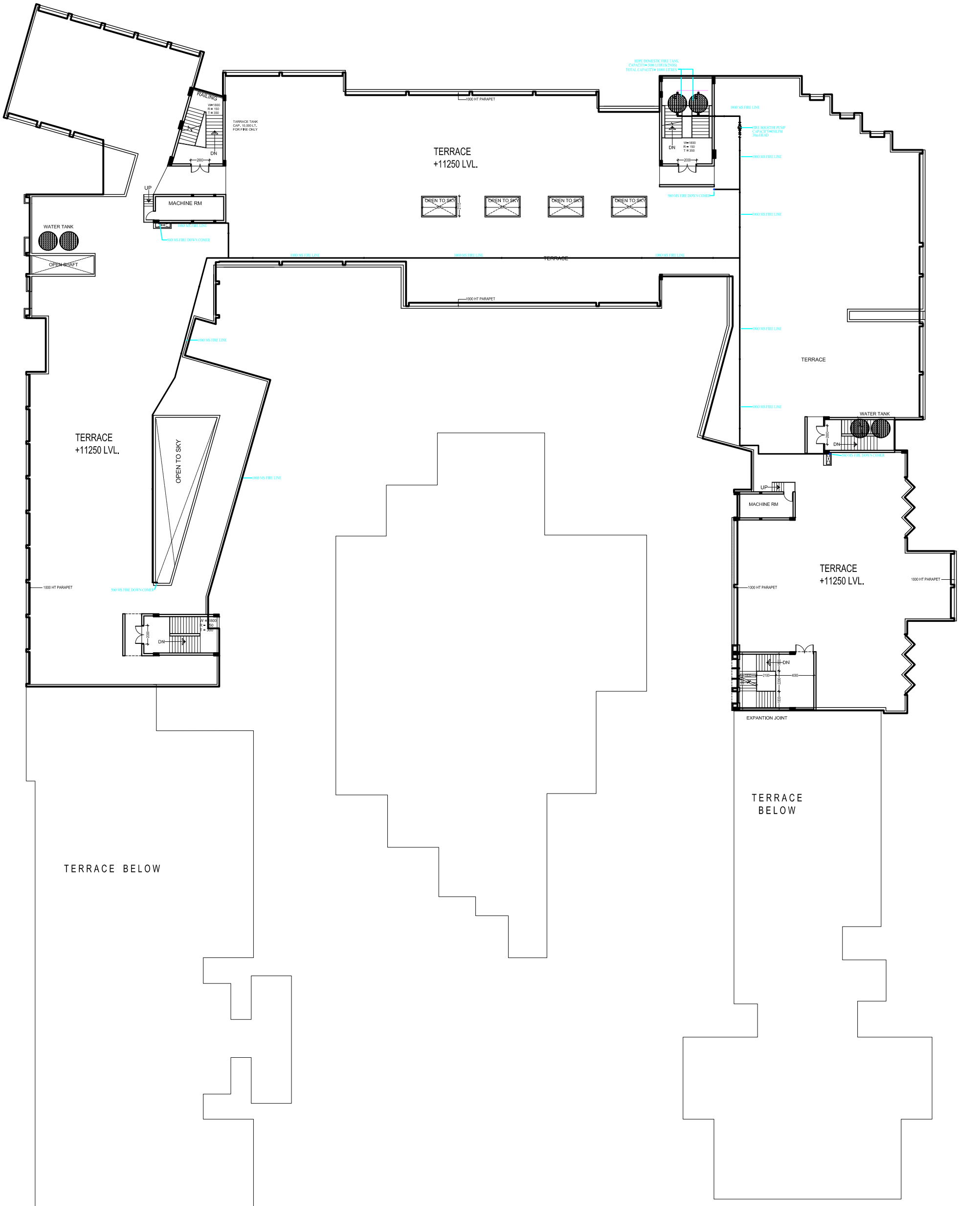
TITLE :-
PROPOSED BUILDING PLAN
ACADEMIC BLOCK - 3 & 5

SECOND FLOOR PLAN

PROJECTS :-
DESHBANDHU COLLEGE
KALKAJI. NEW DELHI - 110019

DRG. NO. B - 3 & 5 / 3 | SCALE:- 1:200 (A1) | DATE : 20.04.2012

ARCHITECTS :-
ARCHITECTS CONSORTIUM
E-49, PANCHSHEEL PARK, NEW DELHI.



TERRACE PLAN

THE PLANS ARE AS PER APPROVED LAYOUT PLAN SECTIONED BY TOWN PLANER
M.C.D. VIDE STANDING COMMEETE RESOLUTION NO. 244 DATED - 30.06.2010

NORTH

ARCHITECT'S SIGN
INDRAJIT K. PURI
F.I.I.A. , A.I.T.P.(L) CA/75/2141

APPLICANT'S SIGN
PRINCIPAL

REVISED
SUBMISSION DRG.

8 / 28

TITLE :-
PROPOSED BUILDING PLAN
ACADEMIC BLOCK - 3 & 5

TERRACE PLAN

PROJECTS :-
DESHBANDHU COLLEGE
KALKAJI. NEW DELHI - 110019

DRG. NO.
B - 3 & 5 / 4

SCALE:- 1:200 (A1)

DATE : 20.04.2012

ARCHITECTS :-
ARCHITECTS CONSORTIUM
E-49, PANCHSHEEL PARK, NEW DELHI.