

# The Annual Quality Assurance Report (AQAR) of the IQAC



**Atma Ram Sanatan Dharma College**  
(University of Delhi)

TRACK ID - DLCOGN21547

NOVEMBER, 2016 – JUNE, 2018

## Part – A

### 1. Details of the Institution

1.1 Name of the Institution

Atma Ram Sanatan Dharma College

1.2 Address Line 1

Dhaura Kuan

Address Line 2

City/Town

New Delhi

State

Delhi

Pin Code

110021

Institution e-mail address

principal.arsdcollege@gmail.com,  
principal@arsd.du.ac.in

Contact Nos.

011- 24113436, 011-24117508

Name of the Head of the Institution:

DR. GYANTOSH KUMAR  
JHA

Tel. No. with STD Code:

011-24113436

Mobile:

+919891166010

Name of the IQAC Co-ordinator:

DR. VIRENDER KUMAR  
ARORA

Mobile:

+919818404746

IQAC e-mail address:

iqac@arsd.du.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

DLCOGN21547

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/18/A&A/43.1

1.5 Website address:

www.arsdcollege.ac.in

Web-link of the AQAR:

http://arsdcollege.ac.in/AQAR-2018.pdf

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.11	NOV, 2016	NOV, 2021
2	2 <sup>nd</sup> Cycle	NA	NA	NA	NA
3	3 <sup>rd</sup> Cycle	NA	NA	NA	NA
4	4 <sup>th</sup> Cycle	NA	NA	NA	NA

1.7 Date of Establishment of IQAC

DD/MM/YYYY

24/05/2014

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

NOV, 2016 – JUNE, 2018

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

- i. AQAR \_\_\_\_\_ NA \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ NA \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ NA \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ NA \_\_\_\_\_ (DD/MM/YYYY)

### 1.10 Institutional Status

University State ☐ Central ☒ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☒ No ☐

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☐ No ☒

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

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

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

### 1.11 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify)

Self Financed Course in Computer Science.  
Certificate Course on Mastering Stock Markets—Experiential Learning” in association with BSE Institute Ltd.

### 1.12 Name of the Affiliating University (for the Colleges)

UNIVERSITY OF DELHI,  
DELHI

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme

✓

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

8

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

1

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and  
community representatives

1

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

2

2.9 Total No. of members

16

2.10 No. of IQAC meetings held

6

2.11 No. of meetings with various stakeholders:

No.

26

Faculty

7

Non-Teaching Staff Students

3+3

Alumni

8

Others

5

2.12 Has IQAC received any funding from UGC during the year?

Yes

✓

No

If yes, mention the amount

Rs. 1,50,000

## 2.13 Seminars and Conferences (only quality related)

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

Total Nos.	36	International	1	National	2	State	0	Institution Level	33
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(ii) Themes

- Different Perspectives on Kabir
- Caste and Gender
- Political Cultures
- Software Training Programmes
- Faculty Development Programmes
- Theatre Workshop on Acting Skills
- Theatre Workshop for Stage Play
- Theatre Workshop for Street Play
- Workshop on Swang-Nautanki
- E-filing of Income Tax
- Practical Implications of GST
- Workshop on Archival Sciences
- Creative Writing Workshop
- Information Literacy programme on E-resources, Plagiarism and Reference Management Tools
- Basics of Photography workshop
- Digital Payments Training Programme
- Scientific Writing and Communication
- Orientation programmes on Skill Enhancement Courses and Generic Elective courses
- Glassware apparatus workshop
- Molecular Modelling workshop
- Road Safety Awareness workshop
- Prevention of Drug Abuse among Youth workshop
- Fine Arts and Crafts workshop
- Public Speaking workshop
- Workshop on Cyber Security
- Self Defense workshops
- Gender sensitization workshop
- Women healthcare, hygiene, and women empowerment

## 2.14 Significant Activities and contributions made by IQAC

- Promoting undergraduate research.
- Faculty Development Programmes.
- Organization of international/national/institution-level seminars, conferences and workshops.
- Skill Development Programmes for faculty, non-teaching staff and students.
- Offering short-term, add-on courses.
- Creating entrepreneurial opportunities.
- Developing vocational skills.
- Creating Industry-institution linkages through MoUs, workshops, lecture series, industrial visits and educational trips.
- Encouraging environmental initiatives.
- Digitization and better data management.
- Ensuring stakeholder feedback.
- Fulfilling institutional social responsibility.
- Ensuring quality sports and extracurricular opportunities.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Promotion of undergraduate/postgraduate research culture in College	<ul style="list-style-type: none"> <li>• Faculty runs 11 innovation and 7 star innovation projects involving around 200 UG students, allowing students opportunity to research, present and publish their findings in reputed journals.</li> <li>• 40 projects run under the Star College Scheme involving 105 UG students.</li> <li>• 5 Faculty members serve as doctoral advisors, guiding 11 doctoral candidates.</li> <li>• Along with 2 national and 1 international seminars, around 15 seminars, 35 talks as well as 27 workshops were organized at the institution level, for both staff and students.</li> </ul>
Promotion of entrepreneurial opportunities, skill development and vocational training programmes for students	<ul style="list-style-type: none"> <li>• The Centre for Innovation and Entrepreneurial Leadership (CIEL) received around 46 proposals from students and the general public, vetted them and recommended incubatees under the #StartUpIndia Scheme.</li> <li>• The Skill Development and Entrepreneurial Cell has entered into MoUs with NIESBUD, AIFMR, and BSE Institute Ltd. to offer (a) add-on courses; (b) training programmes under the PM Yuva Yojana; (c) workshops and courses on vocational skills. The first course to be run successfully was titled, “Mastering Stock Markets— Experiential Learning” in association with BSE Institute Ltd. The course ran for 100 hours and the first batch comprised of 28 students. The course fee was Rs. 15,000+taxes.</li> </ul> <p>The Cell also proposes to introduce the following add-on courses in the near future in the College premises:</p> <ol style="list-style-type: none"> <li>1. “Understanding of Taxation: GST and its Applications,” first batch to start soon; course duration: 25 hours; course fee: Rs. 6,500.</li> <li>2. Advance course on “Financial Modelling: Data Analysis with MicroSoft” - first batch to start soon; course duration: 50 hours; course fee: Rs. 10,620.</li> <li>3. Skill development course in “Counselling and Guidance” - duration of course: 150 hours; course fee: Rs. 12,000.</li> </ol>



Plan of Action	Achievements
Development Programmes for Staff and students	<ul style="list-style-type: none"> <li>• 4 Faculty development programmes were organized.</li> <li>• 2 Software training programmes for all staff were conducted.</li> <li>• 1 Skill development programme for all staff took place.</li> <li>• 1 Library information services workshop was organized for all staff.</li> <li>• Orientation programmes for freshers is organized annually.</li> <li>• Special orientation for North Eastern students is held by the North East Welfare Committee every year.</li> <li>• Special annual Orientation for SC/ST/OBC/PwD students are organized by the Equal Opportunity Cell.</li> <li>• Orientation programmes for Skill Enhancement Courses and Generic Elective courses under the CBCS scheme were organized for all departments.</li> <li>• Yearly theatre and performance-related workshops for freshers and for participants in the annual theatre festival are conducted.</li> <li>• 1 Fine Arts workshop was organized by Arteysania, the Fine Arts and Crafts Society.</li> <li>• Staff and student participation in seminars, conferences, workshops, faculty development programmes is encouraged.</li> </ul>
Student Support Systems	<ul style="list-style-type: none"> <li>• Counselling sessions and a mentor system for students' psychological well-being.</li> <li>• Student-Faculty Committees in every department.</li> <li>• Student feedback is received and analysed every year for effective and participative decision-making.</li> <li>• Grievance redressal mechanisms to address student concerns exist at all levels.</li> </ul>
Strengthening Industry-Institution Linkages	<ul style="list-style-type: none"> <li>• Entering into MoUs with private entities and governmental agencies to hone student skills, increase awareness, and create employment opportunities. Currently 10 such MoUs are in place.</li> <li>• The Placement Cell invites industry partners to hold talks and workshops regularly. 6 such events were organized.</li> <li>• Under the Star College scheme and through departmental associations, industrial visits, educational trips, visits to laboratories and plants are organized. 7 such trips were organized.</li> <li>• The Popular Lecture series, College associations and societies invite eminent professionals, industry leaders and creative persons to expose student to best practices and available opportunities.</li> </ul>

Plan of Action	Achievements
Digitization	<ul style="list-style-type: none"> <li>• Student progression data has been digitized.</li> <li>• Examination results are being digitized.</li> <li>• Attendance and internal assessment records are available online.</li> <li>• Student admission, fee payment, employee's salary, salary slip and other financial dealings are done online.</li> <li>• Administrative records are largely online.</li> <li>• Examination seating plans are displayed on the website.</li> <li>• Placement records have been digitized.</li> <li>• Alumni records are being digitized.</li> <li>• The College Library is moving towards full digitization.</li> </ul>
Institutional Responsibility      Social	<ul style="list-style-type: none"> <li>• The College NSS unit has adopted a slum, Sri Ram JJ Cluster near College.</li> <li>• Sevadeep, an educational initiative for the slum children is being carried out by NSS volunteers.</li> <li>• Connecting Dreams Foundation-ARSD Chapter has adopted an SDMC primary school, works with the children to enhance English and communication skills and has also built a library there.</li> <li>• The College Swacch Bharat Mission team has extended its mandate to include areas near the College.</li> <li>• Enactus-ARSD unit is running two projects, one with women and the other with potters and gardeners, to create employment opportunities while emphasizing sustainable development.</li> <li>• Regular blood donation camps are organized by NSS and NCC volunteers.</li> <li>• Health camps are organized in the College and in the adopted slum area.</li> <li>• Special health camps for female staff and students are organized on Campus.</li> </ul>
Environmental Protection	<p>The College has put in place measures such as:</p> <ul style="list-style-type: none"> <li>• Plantation drives.</li> <li>• Collaborations with NGOs like Jaagruti for paper recycling.</li> <li>• E-waste management.</li> <li>• Rainwater Harvesting.</li> <li>• Regular de-cluttering of offices and classrooms.</li> <li>• In-house paper recycling unit.</li> <li>• Compost pit and waste management.</li> <li>• Sensitization programmes conducted by the Eco Club.</li> <li>• College students also participate in on/off-campus competitions and awareness programmes.</li> </ul>

Plan of Action	Achievements
Stakeholder Engagement	<ul style="list-style-type: none"> <li>Alumni and student feedback is routinely collected and analysed.</li> <li>The Student Faculty Committee works at the departmental level to take on board as well as address student concerns and suggestions.</li> <li>The Alumni are actively engaged via a registered alumni association.</li> <li>The College alumni organize a month long theatre workshop every year in the run-up to Rangsheersh Jaidev Natyotsav, a unique 3-day Drama Festival, in which the alumni also participate.</li> <li>The Alumni Cell has pledged financial support to 10 needy and worthy students as well as promised support to meritorious students through scholarship.</li> <li>College alumni have also committed to conduct career counseling sessions for students.</li> <li>The alumni are part of the IQAC.</li> <li>Alumni offered landscaping services worth Rs. 25000/- to the College.</li> </ul>
Participation of the differently-abled	<ul style="list-style-type: none"> <li>The campus has ramps and special washrooms.</li> <li>The library has specialized software for their use.</li> <li>Wheelchairs are available.</li> <li>Ground-floor seating arrangements are made during examinations.</li> <li>The College has an Equal Opportunity Cell to hold talks, workshops and awareness programmes.</li> <li>Grievance redressal system exists.</li> <li>The College has entered into an MoU with the Society for Disability and Rehabilitation Studies to provide infrastructural, monetary as well as instrumental support to differently-abled students across South Campus.</li> </ul>
Infrastructural Development	<ul style="list-style-type: none"> <li>A second seminar room has been built.</li> <li>Two new laboratories have been created.</li> </ul>

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

2.15 Whether the AQAR was placed in statutory body      Yes ☒      No ☐

Management ☒      Syndicate ☐      Any other body ☐

Provide the details of the action taken

The Governing Body recommended that the College may take appropriate steps to implement the Yearly Action Plan as outlined by the IQAC and work to improve upon institutional challenges. The Governing Body also recommended that the AQAR be submitted as per due process.

## Criterion – I

### 1. Curricular Aspects

#### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NA	NA	NA	NA
PG	4	NA	NA	NA
UG	16	NA	1	NA
PG Diploma	NA	NA	NA	NA
Advanced Diploma	NA	NA	NA	NA
Diploma	NA	NA	NA	NA
Certificate	NA	NA	1	NA
Others	NA	NA	NA	NA
<b>Total</b>	20	NA	2	NA
Interdisciplinary	NA	NA	NA	NA
Innovative	NA	NA	NA	NA

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	22 (14 Core, 2 out of 4 SEC, 4GE, 4 out of 12 DSE, 1 AECC, 1 EVS)
Trimester	NA
Annual	NA

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

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

*\*Please provide an analysis of the feedback in the Annexure*

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

Revision is carried out at the University level. Some faculty members are part of various University-level Committees of Courses.

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
135	100	35	NIL	NIL

2.2 No. of permanent faculty with Ph.D.

87

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
0	49	NA	NA	NA	NA	NA	NA	0	49

2.4 No. of Guest and Visiting faculty and Temporary faculty

20

NIL

60 (Ad-hoc)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	60	4
Presented papers	24	42	6
Resource Persons	2	4	1

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

- The College has inculcated a strong UG research culture. Faculty runs projects that allow students to undertake original research activity and the opportunity to present and publish their work.
- 24X7 WiFi connectivity.
- 25 classrooms fitted with projectors for multi-media assisted classroom teaching.
- Every student has a faculty mentor they can approach for academic and emotional support.
- Workshops, educational trips, seminars/conferences, industrial and laboratory visits take place every semester.
- Presentations and seminars are encouraged.
- Creation of e-content and e-resources by faculty members.
- Hands-on training to students in different fields.
- College societies and associations enable interactions with industry leaders, academics, politicians, activists, scientists, theatre persons, filmmakers, authors, musicians and media persons to enhance classroom learning.
- Internships, short-term classes, entrepreneurial opportunities and skill development activities to round-out skills learnt in the class.
- Preparation of Lab manuals.
- New practicals were introduced in Science courses.

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

180
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Continuous evaluation through tests, projects, quizzes and presentations.
- New practicals were introduced in Science courses.
- Preparation of lab manuals.
- Open book tests are conducted.

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

	Member of Board of faculty	Faculty	Curriculum Development Workshop
No. of Faculty	3	6	3

2.10 Average percentage of attendance of students

75
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2.11 Course/Programme wise  
distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A. Programme	105	NA	63	24	5	92
Economics (H)	78	NA	63	17	3	83
English (H)	36	NA	39	44	6	89
History (H)	53	NA	38	40	9	87
Political Science (H)	97	NA	56	33	3	92
Hindi (H)	51	NA	69	20	2	91
B. Sc. (H) Math	75	NA	75	20	1	96
B. Sc. (H) Physics	78	NA	76	8	1	85
B. Sc. (H) Chemistry	123	NA	63	20	3	86
B.Sc. (H) Electronics	48	NA	54	27	0	81
B. Tech. Electronics	29	NA	86	7	0	93
B. Sc. (H) Computer Science	46	NA	83	13	0	96
B. Tech. Computer Science	85	NA	95	4	0	99
B. Sc. Phy. Sc. (Elec.)	46	NA	74	13	4	91
B. Sc. Phy. Sc. (Chem.)	49	NA	57	27	0	84
B. Sc. Phy. Sc. (Comp. Sc.)	56	NA	59	16	5	80
B. Sc. APS Ind. Chem.	34	NA	62	24	5	91
B. Com.	135	NA	73	16	4	93
B. Com. (H)	135	NA	74	15	4	93
M. A. English	7	NA	71	0	0	71
M. A. Pol. Science	30	NA	0	67	10	77
M. A. Hindi	73	NA	31	39	0	70
M. Com.	13	NA	54	23	0	77

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

Currently the College follows the Continuous Curriculum Assessment system with End of semester examination in the ratio 25:75.

IQAC promotes the development of staff and students through organization of and participation in research projects, seminars, FDPs, training programmes, skill development programmes and add-on courses.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	22
UGC – Faculty Improvement Programme	4
HRD programmes	0
Orientation programmes	33
Faculty exchange programme	0
Staff training conducted by the university	3
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	42
Others	15

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	27	11	1	11
Technical Staff	50	31	0	10



## Criterion – III

### 3. Research, Consultancy and Extension

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

- Faculty members run 11 innovation and 7 star innovation projects that involve close to a 700 undergraduate students in research.
- Faculty members are encouraged to organize and participate in seminars, conferences, workshops, and FDPs.
- Students are encouraged to participate in seminars and other research-based activities.
- Under the DBT Star College Scheme, 4 departments of the College run research projects, conduct workshops and seminars to familiarize students and staff with scientific advances.
- Various faculty members run minor and major projects and have received funding from UGC, DST-SERB, ICMR, CSIR, among others. Currently 12 such projects are ongoing.

#### 3.2. Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	3	5	---
Outlay in Rs. Lakhs	---	Rs. 1,26,97,000	Rs 1,90,02,949	---

#### 3.3. Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	5	5	---
Outlay in Rs. Lakhs	---	Rs. 46,00,000	Rs. 46,00,000	---

#### 3.4. Details on research publications

	International	National	Others
Peer Review Journals	94	76	0
Non-Peer Review Journals	22	42	0
e-Journals	4	0	0
Conference proceedings	20	22	0

#### In addition to this we have:

Chapter in entitled book: 5

Article in online magazine: 4

Book edited: 5

Review of published book: 8

Poem in magazine: 10

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

Range 0-10      Average 2.11      h-index 22      Nos. in SCOPUS 78

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	NOV, 2016-JUNE, 2018	DST, CSIR, SERB, ICMR	Rs. 1,90,02,949	Rs. 73,21,906
Minor Projects	NOV, 2016-JUNE, 2018	UGC	Rs. 46,00,000	Rs. 38,00,000
Interdisciplinary Projects	NOV, 2016-JUNE, 2018	DU	Rs. 48,60,000	Rs. 48,60,000
Industry sponsored	NIL	0	0	0
Projects sponsored by the University/ College	NOV, 2016-JUNE, 2018	DU	Rs. 1,95,00,000	Rs. 91,60,000
Students research projects <i>(other than compulsory by the University)</i>	NOV, 2016-JUNE, 2018	DBT, GIO	Rs. 5,12,000	Rs. 5,12,000
Any other(Specify)	NIL	0	0	0
Total	NOV, 2016-JUNE, 2018	DST, UGC, CSIR, DRDO, DU	Rs. 4,84,74,949	Rs. 2,56,53,906

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

ii) Without ISBN No.

### 3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	1	2	0	0	15
Sponsoring agencies	ICSSR	College Fund	NA	NA	SS Fund

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

25

3.13 No. of collaborations

International

0

National

0

Any other

0

3.14 No. of linkages created during this year

10

3.15 Total budget for research for current year in lakhs:

From Funding agency

Rs. 1,16,33,906

From Management of University/College

Rs. 91,60,000

Total

Rs. 2,07,93,906

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
10	2	4	3	1		NA

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

5

11

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

1

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

JRF

2

SRF

1

Project Fellows

0

Any other

8

3.21 No. of students Participated in NSS events:

University level	140	State level	1
National level	1	International level	0

3.22 No. of students participated in NCC events:

University level	15	State level	11
National level	5	International level	0

3.23 No. of Awards won in NSS:

University level	0	State level	0
National level	0	International level	0

3.24 No. of Awards won in NCC:

University level	56	State level	4
National level	1	International level	0

3.25 No. of Extension activities organized

University forum	0	College forum	2	
NCC	15	NSS	35	Any other 0

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

- Days of national significance such as **Rashtra Ekta Diwas, National Youth Day, Yoga Day, Voters' Day, Matrabhasha Diwas** are celebrated annually.
- **Orientation Programme** for registered volunteers of NSS is held in August. With the beginning of the session in July students register themselves with NSS. About 150 students are associated with NSS every year. They are allotted enrolment numbers and work diaries are distributed to them to maintain a record of the hours contributed to social service as NSS volunteer.
- The College observes **Swachh Pakhwara** in August. Many activities are organised as part of pakhwara, i.e, taking the 'swachhtha oath', seminars on the theme of 'Swachh Bharat Abhiyaan,' awareness programmes and cleanliness drives in College, door-to-door campaigns in the adopted slum where leaflets and handouts are distributed to create awareness, cleanliness drive outside College, various competitions on the theme of 'Swachh Bharat Abhiyaan', Swachhtha Rally to spread awareness about cleanliness in the

vicinity of the College and adopted slum.

- **Self-defence Training Programme** for girls is part of the annual College calendar.
- **Gender sensitization programmes** are routinely organized by WDC.
- **Workshops/sentization programmes on Drug Abuse** held in collaboration with National Institute of Social Defence (Ministry of Social Justice and Empowerment) to sensitize students across South Campus. The College serves as a Nodal Centre to spread drug abuse awareness.
- **No Tobacco Day** is celebrated on 30<sup>th</sup> August every year.
- **Plantation drives** are organised on the occasion of Founders' Day on 3 August and on Teachers' Day on 5 September every year.
- **NSS Week** is organised in the third week of September and the week is concluded on the NSS day 24 September. Various Activities, Camps, Competitions, workshops are organised on each day of the week.
- **Collaborations with the organisation JAAGRUTI™** Waste Paper Recycling Services for recycling the paper waste of the college. The paper waste collected from various departments and offices is given to them for recycling purpose. In the first collection drive about 2 tons of paper was sent for recycling and now it has become a regular practice of the college.
- **Health Camps** are organised annually for the staff and students of the college. In 2017, health camp was organised in the adopted slum as well. Special health camp for female staff and students was also conducted this year.
- **Teaching children of the Adopted Slum:** NSS Unit of the College has adopted Sri Ram JJ Camp, a slum near the College. A large number of NSS volunteers are part of the education team, which has undertaken the task of guiding young minds under the name of **SEVADEEP**. To encourage their talent various competitions are organized.
- **Blood Donation Camp** is organised every year in the month of March.
- **Connecting Dreams Foundation--ARSD Chapter** began its initial journey by adopting the SDMC Primary School. They work towards improving the children's language and communication skills, and their mental and physical agility. They built a library in the school. They also strive to fulfil the dreams of these kids by conferring on them the small things that they wished they had. Out of some 76 dreams that were collected students were able to fulfill 45, and hope to attain the rest.
- Under the **DBT Star College Scheme**, outreach programmes are regularly conducted in neighbouring schools and on campus.
- **Vigilance Awareness week** is celebrated every year by holding talks, interactive sessions, and competitions.
- In addition to these activities the college keeps on organising talks, competitions, awareness programmes on various issues. Some of the issues are cancer, breast cancer, lifestyle diseases, road safety awareness, digital literacy campaign, motivational talks by eminent speakers, personality development programmes, self defence training programme for the girls of the college etc.
- The NCC unit of the College helps in the organization of Tree Plantation drives, blood donation camps, and also participates enthusiastically in the Swacch Bharat Abhiyan campaigns. In addition to the NCC, the Swacch Bharat Abhiyan Committee also assists the NSS in carrying out its mandate.

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	12.31 acers	0	---	12.31
Class rooms	48	12	College Fund	60
Laboratories	12	2	College Fund	14
Seminar Halls	1	1	College Fund	2
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	---	7	DU, UGC, DST	7
Value of the equipment purchased during the year (Rs. in Lakhs)	---	Rs. 50,65,395	DU, UGC, DST	Rs. 50,65,395
Others	---	---	---	---

#### 4.2 Computerization of administration and library

- Online portal for students' admission, attendance and internal assessment.
- Information related to faculty and students is available on website. Staff and students have their own log in IDs.
- Administrative records are largely online.
- Seating arrangements during exams are uploaded on website a day before.
- Library is on its way to fully digitization.
- The move towards a paperless office is in process.
- Students' fees, employees' salary, salary slip and other financial dealings are done online.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1,07,000	-	2481	Rs. 10,76,789	1,09481	-
Reference Books	3480	-	280	Rs. 1,12,002	3760	-
e-Books#	As per DULS & NLIST	Membership fee of NLIST Rs. 5000/- and DULS Subscription	31,35000+ (NLIST) 49,03582 (World E-Book Lib.)	-	80,38582	Membership fee of NLIST Rs. 5900/- and DULS Subscription.
Journals	428		40	73839	468	73839
e-Journals	As per DULS & NLIST	Membership fee of NLIST Rs. 5000/- and DULS Subscription	6000+ (NLIST), 43286 DULS 10000 (DOAJ)	Membershi p fee of NLIST Rs. 5900/- and DULS Subscription		NLIST and DULS
Digital Database	As per DULS & NLIST	Membership fee of NLIST Rs. 5000/- and DULS Subscription	53 (DULS), 22 (NLIST), 5(INFLIBNET), 1 (DOAJ), 1 (DOAI)	Membershi p fee of NLIST Rs. 5900/- and DULS Subscription	82	NLIST and DULS
CD & Video	301	-	17		318	-
Urkund Plagiarism Software	As per DULS	-	-	-	-	-
Others (specify) Wheel Chair	2	-	-	-	2	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	115	4	100	2	---	29	32	---
Added	946 (Laptop)	---	Wi-Fi Enabled	All	---	---	---	---
Total	1061	---	---	---	---	29	32	---

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

- Star College Scheme organizes Software Training Programmes and workshops to promote digital literacy and computer efficiency.
- 24X7 WiFi connectivity.
- 100 networked computers for easy Internet access.
- On-campus as well as remote INFLIBNET access via login ID and password.
- Laptops were distributed amongst first-year students for their benefit.
- With most administrative functions and student data management being taken online, ARSD is moving towards implementing a paperless office.
- 19 computers are available for the use of administrative and office staff, 17 in the Library and 3 in Science laboratories.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs. 14,87,880
ii) Campus Infrastructure and facilities	Rs. 1,183,8071
iii) Equipments	Rs. 27,97,268
iv) Others	Rs. 7,63,278
<b>Total :</b>	Rs. 1,68,86,497



## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- All important notifications and updates are available on the College website as well as College notice boards to ensure awareness as well as participation.
- All students have dedicated online accounts via which they can access information regarding attendance and internal assessment.
- All societies have notice boards and online pages to display information.
- The College Media Cell has a Facebook page that disseminates information about College events.

#### 5.2 Efforts made by the institution for tracking the progression

- The College has an alumni database and has also been collecting offline information to track student progression.
- Student Feedback system allows the College to track student advancement and career progression.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3540	139	11	0

#### (b) No. of students outside the state

1913

#### (c) No. of international students

15

Men	No	%	Women	No	%
	2520	68.36		1170	31.63

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2201	490	113	1009	4	3817	2122	489	106	946	16	3679*

\*Ph. D. Students are not included in this figure.

Demand ratio 1.11 Dropout % 6.4

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

NA
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No. of students beneficiaries

NA
----

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

NET	5	SET/SLET		GATE	37	CAT	
IAS/IPS etc	NIL	State PSC	12	UPSC	5	Others	436

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

- The Cell organized a talk on “Digital Marketing” in collaboration with the National Institute for Entrepreneurship and Small Business development (NIESBUD) on 23 January 2017 and offered a training course on developing entrepreneurial skills to students of all streams.
- ICICI Direct Centre for Financial Learning launched its fifth season of the virtual online trading game ‘Stockmind’ to give students an experience of trading in the stock markets. The event began on 24 January 2017 and went on for a week.
- The Popular lecture Series invited C.S. Nanda for a talk on “Unleash the Power within You: Be an Efficient Communicator” on 7 September 2017.
- The Commerce Department held a session on “Career Prospects and Job Opportunities in Commerce on 26 September 2017.
- An Internship Fair was held on 9 February 2018.
- The Placement Cell held a seminar organized by O.P. Jindal University on Global Careers in Law, Diplomacy, and Public Policy on 9 February 2018. In addition to the talk, a career counseling session also took place.
- A Study Skills workshop for students was organized on 23 February 2018.
- A resume-writing workshop was held on 27 March 2018.
- The Economics department organized sessions on “Career Options after Graduation” and “How to Crack GDs and Interviews” on 25 January 2018 and one on “Civil Services” on 27 March 2018.
- Faculty members also provide career guidance during mentoring sessions.
- Eminent alumni also provide career guidance to students.

No. of students benefitted

325
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## 5.7 Details of campus placement

	<i>On campus</i>	<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed
8	230	75

## 5.8 Details of gender sensitization programmes

1. The Women Development Cell organized the following programmes to promote gender sensitization:
  - An annual ten-day self-defense programme in collaboration with Crime against Women Cell, Delhi Police
  - Gender sensitization workshop addressed by SHO (South Campus), Mr. Anant Kumar Gunjan on the role of educational institutions and Indian police in curbing the menace of sexual harassment on 21 February 2017.
  - Talk on “Who needs feminism at all” by Dr. Ranjana Kumari, Director, Centre for Social Research on 8 March 2017.
  - Gender sensitization programme addressed by Mr. Anand Kumar Rai, ACP (South) and Mr. Rakesh Kumar Singh, alumnus and founder of Ride for Gender Freedom Cycle Yatra, to address issues of crime against women on 6 September 2017.
  - Talks by Ms. Monika Bharadwaj (Addl DCP, South West District) and Dr. Vebhuti Duggal (Asst. Professor, Ambedkar University) on women using “voices of their own” and the representation of work and women in popular cinema, respectively on 8 March 2018.
  - An Enactus exhibition, “*Kaushal Hunar se Atmanirbharta*,” in which three women artisans were honoured took place on 8 March 2018.
  - The College Dramatics Society, Rangayan, performed a play on women empowerment on 8 March 2018.
  - A one-day programme of self-defense and women safety training for female students of the College in collaboration with Delhi-based NGO Street Level Awareness Programme (SLAP) was held in the College on 27 March 2018.
2. The NSS Unit of the College invited Tanushree Pareek, the first woman combat officer to be commissioned in the 51-year history of the BSF, for an interactive session on 12 October 2017.
3. Apart from these events, the WDC in collaboration with other College societies routinely organizes film screenings, poster-making competitions and panel discussions with the objective women students through consciousness raising, higher education, and skill development.
4. Faculty members also sensitize students regarding contemporary gender issues during classroom discussions.

## 5.9 Students Activities

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

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	1008	11,54,900
Financial support from government	124	3,55,900
Financial support from other sources	66	1,43,700
Number of students who received International/ National recognitions	04	--

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

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

## Criterion – VI

### 6. Governance, Leadership and Management

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

##### **VISION**

The College is committed to a model of quality education that is equitable and leads to the holistic development of all stakeholders.

##### **MISSION**

The motto of our College is *Tejasvi-Naav-adhitam-astu* which is taken from Taittiriya Upanishad and means “may our learning be endowed with radiance.” Serving a wide cross-section of students, Atma Ram Sanatan Dharma College is committed to provide quality education in the fields of Humanities, Science, and Commerce, and enabling the all-round development of the students in its trust. The College is also dedicated to creating opportunities for its women students in a safe and nurturing environment. Our aim, therefore, is to work towards crafting a joyful ecosystem where students are galvanized to maximize their potential while cultivating their conscience.

##### **OBJECTIVES**

- Creating an institution in tune with contemporary demands.
- Developing core competencies in addition to valuable life skills.
- A strong focus on research-based activities.
- Placing strong emphasis on instilling in students a sense of social responsibility.
- Innovative teaching practices that include ICT.

#### 6.2 Does the Institution has a management Information System

Yes. The College has a software portal for students’ admission, attendance and internal assessment. Office has prepared and streamlined student data. Complete information related to faculty and students is available on website. Administrative records are largely online. Seating arrangements during exams are uploaded on website a day before. Students’ fees, employees’ salary, salary slip and other financial dealings are done online.

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

##### 6.3.1 Curriculum Development

- Some faculty members are on Academic committees and serve on Statutory Bodies of the University where they actively participate in devising and framing the curriculum.
- Electives/options prescribed in the syllabus are judiciously selected keeping in mind the areas of expertise of the faculty as well as the needs of the students.

### 6.3.2 Teaching and Learning

- The institution follows and adheres to the Academic Calendar of the University.
- Research-oriented, highly qualified, committed and stable workforce.
- Innovative teaching methods like group projects, seminars, group discussions, field trips, movie screenings, etc., are adopted to make teaching learning more effective and participative.
- Self-learning and lifelong learning are encouraged.
- Book club, literary, debating and departmental societies, talks and projects provide learning beyond curriculum.
- Critical thinking is encouraged through debates, College magazine and newsletters.
- Creativity is fostered through extra-curricular activities.
- Special focus on Undergraduate research aptitude.
- Faculty and students, through forums such as the Student Faculty Committee, mentorship programmes and contact periods, share space for dialogue and close interaction.
- Mechanism to make the entire learning experience socio-economically relevant.
- Internships, short-term classes, entrepreneurial opportunities and skill development activities to round-out skills learnt in the class.
- The Library is a rich resource center for printed and electronic resources with constant addition of latest publications. It is easily approachable and equipped with instruments and software for differently-abled.
- New practicals were introduced and lab manuals were prepared for the Science courses.
- Student feedback is collected and analyzed regularly to enhance teaching-learning.
- E-content and e-resources are created by faculty members.
- Hands-on training is provided to students in different fields.
- ICT usage to make teaching-learning more effective.

### 6.3.3 Examination and Evaluation

- Evaluation process is well communicated to the students through different means.
- Summative semester exams are conducted smoothly by Examination Committee.
- Seating arrangement is displayed on website a day before the exam to make it convenient for the students.
- Constant evaluation/assessment of the students' performance by class tests, open book tests, presentations, quizzes, etc.
- Decentralized system of evaluation for some papers at the College level.
- Internal Assessment is updated on a regular basis on the College website that the students can access through a dedicated portal. Software is used for transparency and effectiveness.
- Practical exams are conducted during the University prescribed time period by one external and internal examiner under the supervision of a Superintendent of Practical Exams.
- Mechanism is in place to address internal assessment grievances.
- The Moderation committee, by counter-checking Internal Assessment marks and getting them counter-signed by the students, ensures correctness and fairness.

#### 6.3.4 Research and Development

- Faculty members run 11 innovation and 7 star innovation projects that involve close to a 1000 undergraduate students in research.
- Along with these faculty members run 12 minor and major projects and have received funding from UGC, DST-SERB, ICMR, CSIR, Sahitya Akademi, among others.
- 40 in-house research projects have been undertaken under the DBT Star College Scheme.
- Along with 2 national and 1 international seminars, around 15 seminars, 35 talks as well as 27 workshops were organized at the institution level, for both staff and students, which speaks of a favourable and encouraging environment for research.
- The Centre for Innovation and Entrepreneurial Leadership (CIEL) receives proposals from students and the general public, vets them and recommends incubatees under the #StartUpIndia Scheme. 46 such proposals have been received and vetted.
- Research Co-ordination Committee to create awareness about various funding agencies, their schemes and to organize interactive sessions with eminent scholars.
- Adequate infrastructure, human resources, rich library and 24x7 Wi-Fi.
- Favourable and encouraging environment for research.
- College encourages faculty members to take study leave and duty leave to further their research interests and interact with other faculty members.
- 5 faculty members serve as doctoral advisors, guiding 11 doctoral candidates.
- Faculty and students regularly publish their research papers and articles in reputed national and international journals/magazines.
- 10 faculty members received research awards/recognitions.
- Library staff is also engaged in active research.

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

#### **LIBRARY**

- The Library is a rich resource center for printed and electronic resources with constant addition of latest publications. In 2017-18, the library procured 1364 books in various disciplines.
- The Library is easily approachable and equipped with instruments and software for the differently-abled.
- Annual footfall of 1.4 lakh speaks to the quality of its resources.
- Capacity of around 100 students and separate space for 30 faculty members.
- Subscription to the National Library and Information Service Infrastructure for Scholarly Content (NLIST) project of INFLIBNET, which provides remote access to e-resources.
- SOUL 2.0 automation for housekeeping operations and OPAC facility.
- Library is equipped with 8 PCs to access the e-resources of Delhi University Library System and 2 PCs to access OPAC.
- College library provides practical training to students of the Delhi Library Association each year.
- College library organized an Information Literacy Programme on e-resources, plagiarism and reference management tools in November 2017.
- Library staff is also engaged in active research.

#### **ICT**

- 24X7 WiFi connectivity.
- 25 classrooms fitted with projectors for multi-media assisted classroom teaching.
- Laptops are provided to the first year students.
- 4 computer laboratories fitted out with 115 computers where 80 have internet facility.

#### **PHYSICAL INFRASTRUCTURAL AUGMENTATION**

- A second seminar room has been built.
- Two new laboratories have been created.

### 6.3.6 Human Resource Management

- The College follows a decentralized management structure that ensures all stakeholders have a well-defined role to play and all resources are effectively used.
- Recruitment of new faculty provides stability to the workforce.
- The Principal, Staff Council and departmental committees, teachers-in-charge, the Administrative Officer, the Bursar, and student representatives ensure active monitoring of all College functioning.
- Annual self-appraisal of the staff is done.
- Alumni meetings are held regularly along with the annual alumni meet Confluentia.
- Faculty and staff attend self-development programmes habitually.



### 6.3.7 Faculty and Staff recruitment

As a constituent college of DU, recruitment policy is governed by University regulations.

### 6.3.8 Industry Interaction / Collaboration

- Frequent industrial visits, lectures by industry experts and field specialists are conducted under the Star College Scheme.
- The Placement Cell invites many companies for recruitment and holds training sessions/internship fairs/study sessions to prepare students for the competitive job market.
- One add-on course on “Mastering Stock Markets—Experiential Learning” in association with BSE Institute Ltd has been completed and 4 more will be on offer in the next year, certified by Microsoft, AIFMR and NIESBUD.
- Eminent writers, thinkers, artists, scientists and media personalities are invited by different associations and societies, enabling fruitful interaction.
- Industrial Collaborations—College has entered into MoUs with companies, NGOs, and governmental agencies such as BSE Institute Limited, AIFMR, NIESBUD, Jaagruti, PomPom and others, to offer training courses and other learning opportunities to students.
- Collaborations of NSS with Connecting Dreams Foundation.
- The College has entered into an MoU with the Society for Disability and Rehabilitation Studies to provide infrastructural, monetary as well as instrumental support to differently-abled students across South Campus.

### 6.3.9 Admission of Students

- College ensures wide publicity through different portals.
- Admissions are done on the basis of different cut-offs announced by College departments
- Admission process is managed at four levels, involving the department conveners, Admission Grievances Committee, Central Admission Committee and the Principal of the College.
- College admission policy fully complies with the reservation policies of the Government of India.
- 1% relaxation is given to women candidates.
- Additional seats are allotted to differently-abled (3%), foreign students (5%), wards of war widows (5%), sports and ECA (5%) and College and University ward cases.
- Under sports and ECA categories, trials are held and external experts are invited.

6.4 Welfare schemes for

Teaching	YES
Non teaching	YES
Students	YES

6.5 Total corpus fund generated

7.13 Crore

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	Departments
Administrative	No	NA	Yes	Governing Body

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

For UG Programmes

Yes

☐

No

☐

For PG Programmes

Yes

☐

No

☐

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

Not applicable

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

Not applicable

6.11 Activities and support from the Alumni Association

- Theatre workshop is conducted under the mentorship of distinguished alumni from the field of theatre.
- Interaction with alumni through annual alumni meetings, College orientation programme, and the annual alumni meet, *Confluentia*.
- Career counselling by eminent alumni.
- Involvement in IQAC.
- Financial support from the Alumni Association for 10 worthy but needy students.
- Prizes/scholarships for meritorious students introduced by alumni.
- Alumni offered landscaping services worth Rs. 25000/- to the College.

#### 6.12 Activities and support from the Parent – Teacher Association

NA

#### 6.13 Development programmes for support staff

- On 6 November 2017, the Skill Development and Entrepreneurial Cell conducted a skill development programme on “Practical Implications of GST,” for teaching and non-teaching staff.
- Software Training Programmes (STP) organized for the staff under the Star College Scheme.
- The College Library organised an **Information Literacy programme** on e-resources, Plagiarism and Reference Management tools in November 2017 to train faculty members in the access of e-resources, methods to avoid plagiarism and the management of references as well as bibliographies.
- A training programme on ‘Different Digital Methods’ was organised for staff and students by NSS on 12 January 2017.

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

- 12.31 acres wide, green, clean, well-maintained and eco-friendly campus.
- Rain water harvesting unit.
- Compost pit.
- MoU with Jaagruti paper recycling unit for waste paper management.
- MoU with Pom Pom for e-waste management.
- Awareness campaigns, cleanliness drives, *shramdaan*, etc., under Swachh Bharat Abhiyan.
- Movie screenings, talks and competitions on issues related to environment are conducted by the Eco Club.
- College recognized as a clean and green campus by WAGE as well as at the SAVE Summit held in the Capital in 2017.
- Tree plantation on every Teachers’ Day and Founders’ Day.
- Online admission process.
- Minimal usage of electricity in newly built, well-lit classrooms.
- Tree census done.
- No plastic zones on the campus.
- Well maintained herbal garden.
- Regular de-cluttering of offices and classrooms.
- In-house paper recycling unit.
- College students also participate in on/off-campus competitions and awareness programmes.

## Criterion – VII

### 7. Innovations and Best Practices

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

- Inter-disciplinary, collaborative, national/international seminars were conducted
- 4 Faculty Development Programmes were organized
- Complete Library digitization is under way
- Photography Society and Enactus were introduced
- A new College website and mobile application are under development
- E-content developed by faculty members
- New practicals were introduced in Science courses
- Lab manuals prepared
- Access and subscription to more e-resources
- ARSD Youth Conclave, a mega inter-college event was initiated by Nimbus, English Debating Society, which has become an annual event now
- The College has entered into an MoU with the Society for Disability and Rehabilitation Studies to provide infrastructural, monetary as well as instrumental support to differently-abled students across South Campus
- One add-on course completed and 3 new add-on courses initiated
- Feedback mechanism strengthened by introducing parents' feedback
- **Connecting Dreams Foundation--ARSD Chapter** began its initial journey by adopting the SDMC Primary School
- NSS Unit of the College has adopted Sri Ram JJ Camp, a slum near the College
- Vijnana Bharati, ARSD College STAR Scheme and Jawaharlal Nehru University, New Delhi stood in solidarity with the theme **Women for Science—Science for Women** and celebrated the **International Day for Women in Science** with a series of events and lectures dedicated to role of women and girls in science

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

**TEACHING-LEARNING**

- 4 Faculty Development Programmes conducted.
- 1 international and 2 national interdisciplinary seminars conducted.
- 15 seminars, 35 talks as well as 27 workshops were organized at the institution level, for both staff and students.
- 1 add-on course completed and 3 new add-on courses initiated.
- Feedback mechanism strengthened.
- E-content and e-resources developed by faculty members.
- New practicals were introduced in Science courses
- Lab manuals prepared
- Increase in field trips and excursion programmes.

**DEVELOPMENT PROGRAMMES/QUALITY ENHANCEMENT PROGRAMMES FOR STAFF AND STUDENTS**

- Women Development Cell conducted a ten-day self-defense training workshop in collaboration with Crime against Women Cell, Delhi Police for female student of the College from 28 August 2017.
- On 28 August 2017 a creative writing workshop was organized by Hindi Seminar.
- The Dramatics Society organized seven day theatre workshop on acting skills for its students from 22-29 August 2017.
- A motivational lecture, **Unleash the Power within You: Be an Efficient Communicator** by C.S. Nanda was organized by the Popular Lecture Series on 7 September 2017.
- The College Library organised an Information Literacy programme on e-resources, Plagiarism and Reference Management tools in November 2017 to train faculty members in the access of e-resources, methods to avoid plagiarism and the management of references as well as bibliographies.
- On 27 October 2017 workshop on 'The Basics of Photography' was organized by the Photography Society in collaboration with Nikon India.
- On 6 November 2017, Skill Development and Entrepreneurial Cell conducted a **skill development programme on "Practical Implications of GST"**.
- A month long production oriented workshop under the guidance of Professor Devendra Raj Ankur and Mr Shyam Kumar began on 26 December 2017 by Rangayan, the Dramatics Society.
- The Star College Scheme organized a workshop on Glassware Apparatus on 8 January, 2018 in association with Borosil Glass work Ltd.
- A one-day workshop on Molecular Modelling was organized on 23 January 2018 by the Department of Chemistry along with the Star College Scheme.
- In January 2018, a workshop on Personal Leadership Development was conducted by NCC. This workshop was conducted by Dr. Sushant Verma.
- A **one-day conference for Women and Girls in Science** on 9 February 2018 by the Star College Scheme in collaboration with Vijnana Bharati and JNU.
- The Computer Science Society also organised a workshop on Cyber Security on 26th Feb 2018 which was conducted by Mr. Devanshu Shukla, Founder, Hackveda.

- On 20 February 2018, in collaboration with the Star Scheme College, History department organised a workshop entitled Archives: Centres of Documentary Heritage.
- A Self Development Workshop was conducted by Nimbus, English Debating Society on 12 March 2018 by the very well known, Kunal Arora, Co-founder of The Education Tree and TEDx Speaker.
- A one-day programme of self-defense and women safety training for female students of the College in collaboration with Delhi-based NGO Street Level Awareness Programme (SLAP) was held in the College on 27 March 2018.

## RESEARCH

- More space for research was provided with the construction of 2 science laboratories.
- 7 star innovation projects, 11 innovation projects and 12 projects funded by other agencies such as DST-SERB, ICMR,UGC, and others are ongoing.
- 40 projects under Star College Scheme, involving 105 students, are in progress.
- Faculty members have published 280 research papers.
- 11 scholars are doing research under M.Phil./Ph.D. guides of the College.

## INCLUSIVITY, OUTREACH AND EXTENSION ACTIVITIES

- An Orientation Programme cum Talk for differently abled students was held on 19 September 2017.
- An inter-college bilingual debate competition on “*Viklangta: Ek Chunauti Ya Abhishap*” was held on the same day.
- Poster making competition on the theme '**Disability is not inability**' was conducted which was sponsored by the Indian Spinal Injuries Centre.
- Orientation Programme-cum-Talk for the North East students was held on 25 October 2017.
- Rainbow Fest—a North-East fest was celebrated on 13 March 2018.
- The College has entered into an MoU with the Society for Disability and Rehabilitation Studies to provide infrastructural, monetary as well as instrumental support to differently-abled students across South Campus.
- The College widened the reach of extension activities with the adoption of a slum.
- A free **Preventive Health Screening Camp** was organised for the residents of the adopted slum—Sri Ram JJ Camp—in collaboration with Apollo Tele Health Services in their locality.
- A **two-day health check-up camp** was organized on 22-23 February 2018 in collaboration with Doctor Lal Path Labs and PSRI Hospital, New Delhi.
- A special health check-up for female staff and students was conducted.
- To create awareness about the mother tongue a **street play ‘Jan Gan Man’** was performed and an **essay writing competition** was organised on the topic ‘*Matribhasha avam Sanskriti.*’
- Unity run, oath for unity to make students aware of their responsibilities as Indian citizens.

- Days of national significance like National Youth Day, Rashtriya Ekta Diwas, National Voter's Day and International Yoga Day were observed, inculcating values and responsibility in College staff and students.
- A talk was held on "Value Education and Success in Life" by Dr. S Lakshmi Devi, ex-principal of Shaheed Rajguru College of Applied Sciences for Women, on 12 January 2018.
- In fight against corruption many events like Integrity Pledge, essay writing competition, poster making competition, debate competition and talks were organized.
- No Tobacco Day was celebrated to create awareness about the bad effects of tobacco on 30 August 2017.
- One day workshop on 'Prevention of Drug Abuse among the Youth' was held on 18 September 2017 in collaboration with National Institute of Social Defence (Ministry of Social Justice and Empowerment) to sensitize the students of various colleges of South Campus.
- An inter-college debate competition on 'Drug Abuse: Disease or Choice' was held on 20 September 2017.
- On 12 October 2017, an interactive session was held with Miss Tanushree Pareek. She is the first woman combat officer to be commissioned in the 51-year history of the BSF.
- On 1 November, 2017, a Sensitisation Programme on 'Substance Abuse, Youth and Higher Education' was organised in collaboration with National Institute of Social Defense (Ministry of Social Justice and Empowerment).
- An inter-college painting competition was held on the theme 'Anti Drug Abuse and Illicit Drug Trafficking'.
- On 29 January 2018 in collaboration with Delhi Traffic Police and Samsung, a Road Safety Awareness Programme was organized.
- Talks by Ms. Monika Bharadwaj (Addl DCP, South West District) and Dr. Vebhuti Duggal (Asst. Professor, Ambedkar University) on women using "voices of their own" and the representation of work and women in popular cinema, respectively on 8 March 2018.
- An Enactus exhibition, "*Kaushal Hunar se Atmanirbharta*," in which three women artisans were honoured took place on 8 March 2018.
- The College Dramatics Society, Rangayan, performed a play on women empowerment on 8 March 2018.
- Gender sensitization programme addressed by Mr. Anand Kumar Rai, ACP (South) and Mr. Rakesh Kumar Singh, alumnus and founder of Ride for Gender Freedom Cycle Yatra, to address issues of crime against women on 6 September 2017.
- Talk on "Who needs feminism at all" by Dr. Ranjana Kumari, Director, Centre for Social Research on 8 March 2017.
- Gender sensitization workshop addressed by SHO (South Campus), Mr. Anant Kumar Gunjan on the role of educational institutions and Indian police in curbing the menace of sexual harassment on 21 February 2017.
- The Cell on 30 October 2017 conducted an Awareness Session on courses under PM Yuva Yojana.
- A gender sensitization workshop was held on 6 September 2017 by WDC.
- **An outreach programme** for Government School, Rajouri Garden, New Delhi students was organized on 29 January 2018 under Star College Scheme.



- **Blood Donation Camp** was held in association with Lion's Club on 26 March 2018

### **PROGRAMMMES ON CAREER COUNSELLING**

- Economics Society also conducted seminars on topics like “Career options after graduation” and “How to crack GD and interviews”
- The Commerce Association organized a seminar on 26 September 2017 on Career Prospects & Job Opportunities in Commerce.
- An Internship Fair was held on 9 February 2018.
- The Placement Cell held a seminar organized by O.P. Jindal University on Global Careers in Law, Diplomacy, and Public Policy on 9 February 2018. In addition to the talk, a career counseling session also took place.
- The Cell organized a talk on “Digital Marketing” in collaboration with the National Institute for Entrepreneurship and Small Business development (NIESBUD) on 23 January 2017 and offered a training course on developing entrepreneurial skills to students of all streams.
- ICICI Direct Centre for Financial Learning launched its fifth season of the virtual online trading game—Stockmind—to give students an experience of trading in the stock markets. The event began on 24 January 2017 and went on for a week.

### **OTHER**

- An e-data base is prepared of the pass-out students, faculty achievements and College activities.
- Youth Conclave organized by English Debating Society has become an annual event now.

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

- Rangayan
- Undergraduate Research and Innovation

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



#### 7.4 Contribution to environmental awareness / protection

College is aware of its duty towards the environment. It believes in the 3Rs – Reduce, Recycle and Reuse -- and inculcates the same in its students. Many activities are undertaken throughout the year to achieve the same.

- The Eco Club of the college did a film screening of *Inconvenient Truth* in the month of September 2017 to mark the World Ozone day. The film is based on causes and effects of Global Warming.
- In January, 2018 the club organised a talk by Mr. Sabyasachi a filmmaker at CMS Vatavaran, New Delhi, an expert in the field of making films on environmental issues in which he focused on the ways to combat global warming and other natural disasters.
- The Club also organized competitions like Best out of waste, poster making, etc., which were sponsored by DoE, GNCT, Delhi.
- Plantation drives are conducted regularly by NSS and NCC. Tree plantation on Teachers' Day and Founders' Day has become an annual event.
- In the attempt to declutter the campus, cleanliness drives are routinely undertaken by the NSS. This year, about 2 tons of paper waste was collected from various departments and office which was given to NGO Jaagruti Paper Recycling Unit for recycling purpose. College received reams of A4 sheets in return of the recycled paper.
- To keep the campus clean the Principal administered the **sanitation oath** to new students and staff in conformity with the vision of Clean India. **Swacchta pledge** to contribute 100 hours per year to the cleanliness of their surroundings and to refrain from littering in public places to achieve the goal of a "clean and green city". Swachhta rally and door to door campaign to spread awareness about cleanliness in the market and JJ clusters of Satyaniketan were held.

7.5 Whether environmental audit was conducted?

Yes

☒

No

☐

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

### STRENGTHS

- Inclusive environment and accessible, strategically-located campus well connected by metro and other public transportation services.
- Dedicated, research-oriented, highly qualified and stable workforce.
- Variety of courses/subjects.
- Learning beyond classroom and curriculum through exposure to research, entrepreneurship programmes, industrial visits, training programmes and extra-curricular activities.
- Strong student support system:
  - Scholarships and prizes for meritorious students.
  - Tutorials and extra assistance through Mentors/Contact Periods for academically weaker students.
  - Financial support and book aid to economically challenged students.
  - Platform to register their views, suggestions and complains through SFC.
  - Mentoring sessions and counsellor.
- A very rich and disabled-friendly library.
- Extensive outreach programmes conducted under NSS, NCC, Enactus and Rangayan.
- 15 highly active societies and 13 department seminars and associations providing platform for academic and extra-curricular activities.
- Strong undergraduate research climate.
- Exclusive North East annual fest Rainbow celebrating the uniqueness of the region.
- Established and renowned dramatic society Rangayan.
- Only DU college to have a Business Incubator on its premises.
- Dynamic Skill Development and Entrepreneurial Cell.
- Highly active Placement Cell.
- Employee Welfare Schemes.

### WEAKNESS

- ICT usage on campus not at full strength.
- Limited space/classrooms restricted the choices/electives offered in CBCS.
- National/international collaborations in teaching and research inadequately explored.
- Limited number of add on courses.

### OPPORTUNITIES

- Access wider cross-section of students through metro services.
- Complete digitization of office and library.
- Aim to become a Green Campus.
- Increase alumni contribution.
- Launch new add-on and vocational courses.
- Harness Solar power potential.
- Enhance opportunities for a multidisciplinary approach to teaching and research.

### THREATS

- Obtaining clearance from different agencies for infrastructure augmentation.

## 8. Plans of institution for next year

### TEACHING-LEARNING

- To conduct regular workshops/FDPs/seminars/conferences.
- To conduct inter-disciplinary national/international seminars.
- To organize skill based and vocational programmes.
- Extension of industrial visits/excursions/hands-on –training.
- More add-on courses.

### RESEARCH AND INNOVATION

- Provide opportunities for in-house projects.
- Active RCC.
- Enhance research funding and facilities.

### EXTENSION ACTIVITIES

- More plantation drives within and outside the College.
- Sensitization of masses about the protection and preservation of ecosystem through wall paintings, graffiti, leaflets and posters.
- Extension of reach of all activities.
- More donation drives.
- MoUs with NGOs.
- Constructive intervention in the fields of sanitation, conservation of water and energy, girl child education.
- New initiatives towards save-environment.

### INFRASTRUCTURE

- To complete ongoing projects.
- To establish Student Utility Center with provisions for stationary, phone recharge, scanning and printing and fax.
- Expand green cover of the campus.
- Install solar panels.
- Rainwater harvesting.
- Develop sitting space around the sports ground.

Name VIRENDER KUMAR ARORA Name DR. GIYANTOSH KUMAR JHA



Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC

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## **ABBREVIATIONS**

CAT - Common Admission Test

CBCS - Choice Based Credit System

COP - Career Oriented Programme

CPE - College with Potential for Excellence

GATE - Graduate Aptitude Test

NET - National Eligibility Test

SF - Self Financing

SLET - State Level Eligibility Test

UPSC - Union Public Service Commission

**ACADEMIC CALENDAR 2018-19**

<b>SEMESTER I / III / V</b>	
Classes Begin	20 <sup>th</sup> July, 2018 (Friday)
Mid-Semester Break	15 <sup>th</sup> October, 2018 (Monday) to 21 <sup>st</sup> October, 2018 (Sunday)
Classes begin after Mid-Semester Break	22 <sup>nd</sup> October, 2018 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	16 <sup>th</sup> November, 2018 (Friday)
Theory Examinations begin	30 <sup>th</sup> November, 2018 (Friday)
Winter Break	17 <sup>th</sup> December, 2018 (Monday) to 31 <sup>st</sup> December, 2018 (Monday)

<b>SEMESTER II / IV / VI</b>	
Classes Begin	1 <sup>st</sup> January, 2019 (Tuesday)
Mid-Semester Break	18 <sup>th</sup> March, 2019 (Monday) to 24 <sup>th</sup> March, 2019 (Sunday)
Classes begin after Mid-Semester Break	25 <sup>th</sup> March, 2019 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	29 <sup>th</sup> April, 2019 (Monday)
Theory Examinations begin	10 <sup>th</sup> May, 2019 (Friday)
Summer Vacations	26 <sup>th</sup> May, 2019 (Sunday) to 19 <sup>th</sup> July, 2019 (Friday)

## Best Practices

### DRAMATICS SOCIETY: RANGAYAN

The Dramatics Society of ARSD College 'Rangayan' continues to enthrall audiences with its splendid performances while creating awareness on important socio-political issues. The session began with the Nukkad Natak performance of Jan Gan Man on Founder's Day, 3 August 2017. The session started with holding of auditions of students for Rangayan and thereafter an orientation programme for freshers was organised on 17 August 2017. The chief guest on this occasion was Professor Devendra Raj Ankur, former director, National School of Drama and Dr Jaidev Taneja, an eminent theatre critic accompanied by the Principal, Dr G.K Jha and convener Ms Swati. The programme acquainted the freshers with the wonderful journey of Rangayan and the alumni students present encouraged our students to shed their inhibition, discover their talents and face life with utmost confidence.

The Dramatics Society organized seven day theatre workshop on acting skills for its students from 22-08-2017 to 29-08-2017 which was conducted by Professor Devendra Raj Ankur, Former Director NSD. About 70 students participated enthusiastically in the workshop and learnt the nuances of various aspects of theatre. He guided the students on how they can begin their journey into the field of theatre and the hard work and dedication required for the same. Dr V.K.Arora, Bursar ARSD College joined in the concluding ceremony and congratulated all students on successful completion of workshop. Certificates to all the participants were distributed.

On 20 September 2017 our students performed a Street play on 'Swachh Bharat, Swasth Bharat' in the Festival, Vimal Pravah, Meghdoot III, Sangeet Natak Akademi, Rabindra Bhavan. The performance was highly appreciated by everyone present and a memento was presented to the college in appreciation of the same.

Abhinay solo acting competition for freshers was organized on 25 August 2017. 45 students of first year participated enthusiastically and enacted various scenes related to social issues like dowry, acid attack, child sexual abuse, racism, Hindu-Muslim riots, historic characters of rani Laxmibai, Meerabai, Mangal Pandey. The first prize was bagged by Aman Saraf (B.Sc. Honors), second position by Kritika Singh (B.Com Programme) and the third position was shared by Vikas Rai (B.Sc.Honours) and Tanya Kalra (B.Com Programme).

The three day theatre festival "Rangsheersh Jaidev Theatre Natya Utsav" in honour of Dr Jaidev Taneja, the initial inspiration and founding member of the society was held on 6<sup>th</sup> and 7<sup>th</sup> February 2018 at Sri Ram Centre, Mandi House and on 8<sup>th</sup> February 2018 in the College campus. The month long production oriented workshop under the guidance of Professor Devendra Raj Ankur and Mr Shyam Kumar began on 26<sup>th</sup> December 2017. On the first day of

the festival, 6 february 2018 'Mrichkatik' a classical Sanskrit drama with a political sub-plot written by Sudraka and adapted by Mohan Rakesh was performed by alumni students of Rangayan, which was directed by Professor Devender Raj Ankur and Mrs Meeta Mishra. The chief guests for the event were Mr Mohan Mahirshi, renowned theatre person, Dr Dinesh Singh, ex- vice chancellor Delhi University and Mr Pawan Jaggi, Member College Governing body.

On the second day, 'Bichchu' written by Moliere, directed by Shyam Kumar and Himmat Singh Negi was performed by the college students. The chief guests on the occasion were Mr Diwan Singh Bajeli, writer and theatre critic and Mr Banwaari Taneja.

On the last day of the festival finals of the inter-college street play competition was held. The preliminary round took place on 1 february 2018. Twelve teams out of 45 teams qualified for the final round. The judges for the event were, Mr. Maneesh Minoja, a renowned theatre activist, Mr Sheokesh Mishra, Senior Assistant Editor of India Today and Mr Sangam Pandey, journalist and theatre enthusiast. The first position was secured by Navrang, the dramatics society of Institute of Home Economics, the second position by Sri Ram College of Commerce and third by Hansraj College. The huge participation in the event was evident of the popularity of the festival and the judges were greatly influenced with the various issues and social problems portrayed by the dramatics societies of various colleges.

This year Rangayan came up with production of three stage plays 'Dussman', 'Wasiyat' and 'Marnoprant' and one Street play 'Surname' which received good review. The students staged the play "Dussman" at Antaragini 2017, the annual culture fest of IIT Kanpur. The play written by Daya Prakash Sinha is a comedy of errors satirizing human error. The play 'Wasiyat' was staged at 'Natsamrat Natya Utsav 2018' and 'Sahitya Kala Parishad 2018'. This play written by Bhagwati Charan Verma is based on the present day scenario of the society where money matters over family members. The play received good reviews all over. The play 'Marnoprant' was staged at National Theatre Festival 2018 organised by Rashtriya Kala Manch. Rangayan participated in the stage and street play competition organized by Sahitya Kala Parishad by performing 'Wasiyat'(stage play) and 'Surname'(Street play). With hard work and dedication both the performances cleared the preliminary round and performed at the event.

The street play 'Surname' participated in various competition and bagged a number of prizes along with best actor awards, best music, best script, special mention and special appreciation. The play makes one acknowledge our father to be the wonderful man he truly is, and see him as a dad again. The play 'Surname' bagged FIRST POSITION at World University of design, Kalindi college, IIITD, Delhi Institute of Advanced Studies and Ambedkar Institute of Advanced Communication Technology and research. Rangayan received SECOND POSITION at Daulat Ram college, Vivekananda College, BITS Pilani, Bhaskaracharya College of Applied Sciences and Zakir Hussain College and bagged THIRD POSITION at St.Stephens college. The play was also performed at Kalagrit-The essence of Indian art, Saitan Theatre festival and Theatre Olympics at National School of Drama. Apart from participating in competitions at festivals of various colleges Rangayan also gave many public performances in places like Nehru



Nagar, Hauz Khas, Khan market, Faculty of arts etc. The play was appreciated and applauded by the audience in colleges like BVIMR, Institute of home economics, Daulat Ram college, Delhi college of arts and commerce, Indian Institute of law and management, Shaheed Rajguru college, Ramanujan College, St. Stephens college, Jamia Millia Islamia, University college of medical sciences to name a few. The play got best music award at New Delhi Institute of Management, best Script at Institute of home Economics and special appreciation by Ms. Shilpi Marwah at International Management Institute.







**BEST PRACTICES: UNDERGRADUATE RESEARCH AND INNOVATION**

**Atma Ram Sanatan Dharma College**  
**University of Delhi**  
**NIRF Rank 5 in Colleges Category**  
**Accredited Grade 'A' by NAAC**  
**STAR College Scheme**  
**(Department of Biotechnology, GoI)**



Website: <http://arsdstar.wixsite.com/starcollege>

**A Brief Report**

Chemistry, Physics, Biology and Mathematics are the four departments of the College that are being funded by the Department of Biotechnology, GOI, under the opportunity of the Star College Scheme. The Scheme enables faculty training, better curriculum initiatives and places special emphasis on the practical training of students who can succeed via access to specialized infrastructure and consumables. Visits and interaction programmes with institutes and universities outside Delhi are held and the students interested to be a part of this Scheme can register on the Star College Scheme website for regular updates.

The DBT Science Centre has also been established under the Scheme and equipped with various instruments of Chemistry, Physics and Biology. For better training and research work, laptops and printers are available with the latest software configuration in place. In-house research projects are being run by teachers and students giving training and hands-on research experience to undergraduate students. E-learning study materials and extended practicals are regularly conducted to impart extensive knowledge to students.

**List of programmes held under the schemes in the year 2017-2018:****1. Movie Screening on Quantum Chemistry, 31 July 2017:**

A talk along with a movie screening on the topic of Quantum Chemistry was held so as to increase the interest of students in the field and make learning fun. 80 students and 6 faculty members participated in the programme.

**2. Faculty Development programme on Multifunctional Materials for Energy Harvesting and Allied Devices, 10 November 2017:**



Department of Physics and Star college Scheme jointly organized a one-day Faculty Development Programme on Multifunctional Materials for Energy Harvesting. Eminent professors and scientists from the University of Delhi and National Physical Laboratory discussed the problems of energy crises and presented their on-going research work in the fields of energy harvesters to deal with these crises. More than 80 faculty members and research scholars attended the workshop. Prof. Vinay Gupta (Dean of Examinations, University of Delhi) delivered the keynote lecture on Nanostructures and thin film technology for energy harvesting applications. This was followed by Dr. Monika Tomar (University of Delhi) and Dr. Ashok Kumar (National Physical Laboratory, Delhi).

3. **Workshop on glassware apparatus, 8 January 2018:** A workshop on glassware apparatus was held in association with Borosil Glass work Ltd. Mr Uma Shankar Verma, Head of Education Department, Borosil glasswork, was the speaker of the workshop. He discussed the chemical aspects of manufacturing glass. One of the major highlights of the workshop was a hands-on display of usage and handling of some common laboratory glassware apparatus. He also addressed the students and the faculty regarding fake borosilicate glass and identification techniques. 150 students and 30 faculty members participated in the workshop.



4. **Movie Screening on Molecular Modelling, 8 January 2018:** Documentary screening and a discussion on the process of molecular modelling in conventional Chemistry was held to create awareness in students regarding molecular modelling and make learning interesting. 80 students and 10 faculty members attended the screening.
5. **Workshop on Molecular Modelling and Drug Designing, 23 January 2018:**  
A one-day workshop on Molecular Modelling was organised by the Department of Chemistry along with the Star College Scheme. It included an interactive workshop and

hands-on software training on molecular modelling considering the DSE-Molecular Modelling and drug design. 40 faculty members of ARSD College as well as other DU colleges and 80 students attended the workshop. The first session was chaired by Prof. Rita Kakkar, Department of Chemistry, University of Delhi. The students had a proactive learning experience through a hands-on software training session later on.



**6. Talk on Biodiversity in North East Region of India, 24 January 2018 :**

The Departments of Botany and Zoology organised a talk on Biodiversity of North East Region of India on 24 January 2018. The talk was focused on the flora and fauna of North East India. The North East is naturally and culturally diversity and is a biodiversity hotspot along the Indo-Myanmar border. It houses 70% of the world's orchids. Many more interesting facts were discussed in the talk.

**7. Outreach programme, 29 January 2018:** An outreach programme for school students was organized on 29 January 2018. 60 students from Government School, Rajouri Garden, New Delhi visited the College. There were four specific interactive academic sessions for students conducted individually by the faculty of Chemistry, Mathematics, Physics and

Botany. The school students were familiarised with experimental methods of Chemistry and Physics. There were given a new perspective on Biotechnology and Advanced Sciences. Fun with mathematics and number games were the highlight of the day.



**8. Excursion to Yakult Factory, 31 January 2018:**

A one-day visit was organised to give students industrial exposure and familiarise them with industrial techniques (89 students, 6 teachers). The students interacted with the staff of Yakult. The biochemical aspects of manufacturing Yakult (probiotic drink) commercially available in the Indian market were explained to the participants. The factory, comprising of seed unit, culture and mixing area as well packaging setup was integrated into a single segment. A few quality control and assessment methods were also explained to the participants. After the in-house tour, the scientific staff of the factory interacted with the students and enlightened the students regarding the origin of Yakult, its philosophy and need in current times.





9. **Faculty development programme on emerging trends in mathematics, 1 February 2018:** The seminar society (Department of Mathematics) and the Star College Scheme joined hands to conduct a one-day faculty development programme on emerging trends in Mathematics. 80 faculty members of ARSD College as well as other University colleges attended the programme. The eminent speakers included Dr. Vivek Kumar Agarwal, DTU, Dr. Jagdish Bansal, South Asian University, Dr. Manoj Diwakar, JNU and Dr Mansaf Alam, JMI.

10. **Tangentia'18:** Quaternion, the Mathematics Society of ARSD College organised its Annual festival Tangentia on 1-2 February 2018. There were 5 events—Shoot the Word, CricBid, picture mania, Sword of Gryffindor and Logic Master. The events required the application of logical reasoning and economic and marketing skills. It was a boost to the Mathematical Society and for the upcoming mathematicians of the College. Overall, the fest saw huge participation and massive crowds in all the events.



**11. Excursion to Mother Dairy Fruits and Vegetables Pvt. Ltd. Factory unit, 8 February**

**2018:** 49 students and 4 teachers visited the Mother Dairy plant located in Laxmi Nagar, New Delhi. the main aim of the trip was to impart knowledge to the students about the method of processing milk into various commercially available milk varieties and products. It was an opportunity for the student to grasp some household techniques to check adulteration in milk.



**12. Women for Science—Science for Women, One Day Conference, 9 February 2018:**

Vijnana Bharati, ARSD College (STAR Scheme), University of Delhi and Jawaharlal Nehru University, New Delhi, stood in solidarity with the theme and decided to celebrate the day with a series of events and lectures dedicated to role of women and girls in sciences.

The first event in this series was a one-day conference for Women and Girls in Science. The conference was focused specifically on the development of knowledge of women in the field of science and entrepreneurship. This conference was held to celebrate the International Day for Women in Science. Many rarely talked about issues were discussed. The conference marked the launch of a month-long programme to celebrate the International Day for Women and Girls in Science which included a two-day health camp in various colleges of the University of Delhi and culminated in the celebration of International Women's Day on 8 March.

The audience were privileged to have amongst them, eminent speakers and personalities who have all excelled in their own fields. The event was chaired by Shri A. Jayakumar,





Secretary General, Vijnana Bharati, Dr. Rama Jayasundar, AIIMS, Dr. Bindu Dey, Secretary, Technology Development Board and Miss Laxmi Menon, Entrepreneur. Other prominent speakers included Prof. Vibha Tandon (JNU), Dr. Sangeeta Nagar, TIFAC and Ms. Tripti Shinghal Somani, Founder – Stem ED, CEO (KGS Advisors).

The programme saw cultural performances at the end including a musical and an intense stage play named *Nari-shakti* that compelled the audience to reconsider the status of women in India.



13. **Comprehensive Vitamin-D assessment and Blood haemoglobin test for women and girls, 22 & 23 February 2018:** As part of a month-long programme, a two-day health check-up camp was organised in collaboration with Doctor Lal Path Labs and PSRI Hospital, New Delhi. The health camp was held with support from Vijnana Bharati and JNU. The second day of the camp concentrated on personal medication and consultation based on the reports as well as on the spot blood pressure, blood sugar and BMI analysis. One of the highlights of the two-day camp was interaction of women faculty and girl students with Dr. Rahul Manchanda (Gynae Endoscopic Surgeon, PSRI Hospital, New Delhi). This interaction helped women understand the importance of vitals like personal hygiene, self-management during menstruation, cancer and other women health issues. (Participants: 175 students, 50 teachers)



14. **One-day workshop on Archival Sciences, 20 February 2018:** The Star College team collaborated with the Department of History, ARSD College to organize a one-day workshop on Archival Sciences. The speakers Mr. Rajmani Shrivastava, Retd. Assistant Director of Archives, National Archives of India enlightened the students about the origin of archiving and the social aspects of archiving. Later, Dr. Sutapa Chakraborty shared an interactive session regarding scientific aspects and techniques used in creating and managing the Archives. (Participants: 80 students, 20 teachers)
  
15. **ChemCrown, 16-17 March 2018:** The Chemistry Society of ARSD College organised a two-day inter-college Chemistry festival, ChemCrown with the Star College as interim sponsor. There were seven events filled with both knowledge and fun using Chemistry. The first day featured three events—CricBid, a photography competition and Best out of Waste; the second day featured events such as Quiz, PctureMania, AdChem and ChemBola. These events emphasised the fun aspects of Chemistry along with enabling a learning experience. Addressing the students during the valedictory function, Dr. Rajeev Singh, Department of Chemistry, ARSD College, highlighted the fact that participation in such events builds personalities and guides one towards deciding what kind of a person one will become. Overall, the fest was a huge success. 300 students from the College, 60 students from other colleges, and 30 faculty members participated.





### INNOVATION PROJECTS DETAILS

S.No.	Name of Principal/ Co-Investigator	Title of the Project	Name of Funding Agency	Grant (Rs.)
1.	Dr. Rajeev Singh, Dr. Neeta Azad , Mr. Kapil Kumar <b>ARSD-302</b>	“Building a Future for Water: Cost effective Alternative Plan to YAP and GAP, Remedial and recovery”	University of Delhi	5 Lakhs
2.	Dr. Suman Dudeja, Mr. Bachan Meena Dr. Rakesh Malik <b>ARSD:IP-307</b>	“Synthesis of Nanostructured materials and their interaction with biological systems for nanomedicine and medical nanorobotics”	University of Delhi	5 Lakhs

S.No.	Name of Principal/ Co-Investigator	Title of the Project	Name of Funding Agency	Grant (Rs.)
3.	Dr.Sunita Bansal, Dr. Subash Chandra Mohapatra, Dr. Sangita Agrawal, Dr. Puneet Sehgal <b>ARSD:IP-306</b>	“Synthesis of transition metal nano-particles functionalized/decorated with graphene and other organic moiety for removal of impurities from air and water”	University of Delhi	4.5 Lakhs
4.	Dr. Prashant Singh, Dr. Bhaskar Pant, Dr. Amit Mittal <b>ARSD:IP-301</b>	“Noscipines encapsulated nanopolymers: Potent anti-cancerous agents”	University of Delhi	4 Lakhs
5.	Mr. Agam Dwivedi, Dr. Nisha Jha, Dr. Ashutosh Viswash Bandhu <b>ARSD:IP-310</b>	“Automatic Railway Gate Control System With High Speed Alerting and Intruders Sensation System”	University of Delhi	4 Lakhs
6.	Ms. Nidhi Bansal, Mr. Arun Kumar, Dr. Renu Agrawal <b>ARSD:IP-305</b>	“An Obstacle Detector Sensing Buzzer and Vibrator Controlled By Micro-controller for Blind and Deaf-Blind people”	University of Delhi	5 Lakhs
7.	Dr. Vinita Tuli, Manish Kumar, S. Shankar Dr. Ram Swarup Mahariya <b>ARSD:IP-304</b>	“Synthesis and Characterizations of Ferromagnetic-BaTiO <sub>3</sub> nanocomposites for Magnetoelectric properties”	University of Delhi	5.5 Lakhs
8.	Dr. S.N. Dubey, Dr. Surendra Singh, Mrs. Kokila Negi, Bal Krishan <b>ARSD:IP-303</b>	“Challenges of Urban Governance in the Peripheral Areas of Delhi: Local Self Government and Socio-Political and Economic Dev.”	University of Delhi	3.5 lakhs

S.No.	Name of Principal/ Co-Investigator	Title of the Project	Name of Funding Agency	Grant (Rs.)
9.	Dr. Anjali Gupta Dr. Manika Jain Mr. Ajeet Kumar <b>ARSD:IP-311</b>	“Reference group Influence on product Choices: A Study of young Consumers in India”	University of Delhi	4.5 lakhs
10.	Dr. Uma S. Singh Dr. Priyanka Kulhari Ms. Baljeetkaur Ms. Annupriya Arora <b>ARSD:IP-309</b>	“Technostress and its Impact on the Indian Youth: An Empirical Investigation”	University of Delhi	3.5 lakhs
11.	Dr. Sanjay Singh Baghel, Dr. Bhavnath Jha, Ms. Geetanjali Batra <b>ARSD:IP-308</b>	“Impact of Social Media on Indian Democracy”	University of Delhi	3.5 lakhs

## STAR INNOVATION PROJECTS

The University of Delhi has granted a sum of Rs. 1.95 crore for 7 innovation projects (duration 3 years) under the scheme Star Innovation Project (SIP) in the academic year 2015-16.

S.No.	Title of Project	P.I.	Budget Amount (lakhs)
1	Structural Dielectric Optical and Magneto-Electric properties of Multiferroic nanocomposites	Dr. Vinita Tuli	28.00
2	Study and Development of Novel Anti-bio-film compounds Curcumin and Boron Compounds	Dr. Suman Dudeja	16.60
3	Design And Synthesis Of Small Molecules Of Benzimidazole And Quinoline And Their Metal Complexes For Antimalarial And Catalytic Activities	Dr. Sunita Bansal	24.00
4	Archiving Gandhi's Buniyadi School: Towards An Inclusive And Sustainable School System	Dr. Indrajeet Kr. Jha	18.25
5	Reinventing Select Folk Theatre Forms Of North And East India: Towards A New Idiom Of Contemporary Theatre	Dr. Anamika Prasad	30.40

6	Study Of Fine Art Creativity, Optimistic Approach And Therapeutic Benefits	Dr. Suman Dudeja	17.60
7	An Alternative For Petrochemical Based Polymers: Synthesis Of Biobased/Semi-Biobased, Biodegradable, Photo-Functional & High Performance Polymers With Advanced Properties For A Sustainable Future	Dr. Rajeev Singh	20.15

**FACULTY RESEARCH PROJECTS****Research project for different funding agencies****Details of Faculty Research Project**

<b>S.No.</b>	<b>Name and Designation of Principal/ Co-Investigator</b>	<b>Title of the Project</b>	<b>Name of Funding Agency</b>	<b>Sanctioned Amount</b>	<b>Received Amount In Rs.</b>
1.	Dr.Sunita Bhagat	“Design and Strategic Synthesis of some Novel Marine Natural Products of Biological Importance”	<b>DST –SERB</b> (March 2015)	43 lakhs	35 lakhs
2.	Dr.Sunita Bhagat	“Design and Synthesis of Natural products isolated from E. Jambolana and its structural analogs for assessment of their antidiabetic potential in STZ induced diabetic rats”	<b>ICMR</b> (Collaboration with UCMS)	54 lakhs	21,24,906
3.	ARSD College	Innovation Project	<b>DU</b>	48,60,000	48,60,000
4.	ARSD College	Star Innovation Projects	<b>DU</b>	1.95 crore	91,60,000
5.	ARSD College	Star College Grant	<b>DBT</b>	3,58,000	3,58,000
6.	Dr. Arvind Kumar	“Synthesis of Half Metallic Heusler alloy Nanostructures and study of its interfaces with	<b>UGC start up grant</b>	10 lakhs	8,00,000

S.No.	Name and Designation of Principal/ Co-Investigator	Title of the Project	Name of Funding Agency	Sanctioned Amount	Received Amount In Rs.
		semiconducting substrates with and without swift heavy ion irradiation for spintronic applications”			
7.	Dr.Yogesh Kumar	“Design and optimization of performance parameters of hybrid capacitors using graphene (nano-carbons)/metal-oxide nano-composites electrodes with sodium ion based electrolytes”	<b>Science and Engineering Research Board, DST , Early Career Research Award scheme,</b>	21,59149	NIL
8.	Dr. Rakesh Malik	“Charge Transfer Mechanism in Hetero-Junction and Its Response to Gas Sensing”	<b>University Grants Commission</b>	10 lakhs	8,00,000
9.	Dr.Bhaskara Nand Pant	“Development of greener routes for the synthesis of xanthenes based hybrid hetrocycles and their biological/photophysical studies”	<b>UGC</b>	6 lakhs	6,00,000
10.	Dr.Raghvendra Pandey	Investigations and Development of the cost effective solid electrolyte for IT-SOFCs	<b>DST-SERB</b>	29,97,000	16,97,000
11.	Dr.Raghvendra Pandey	Olivine based materials for Li <sup>+</sup> ion	<b>UGC</b>	10 lakh	8,00,000



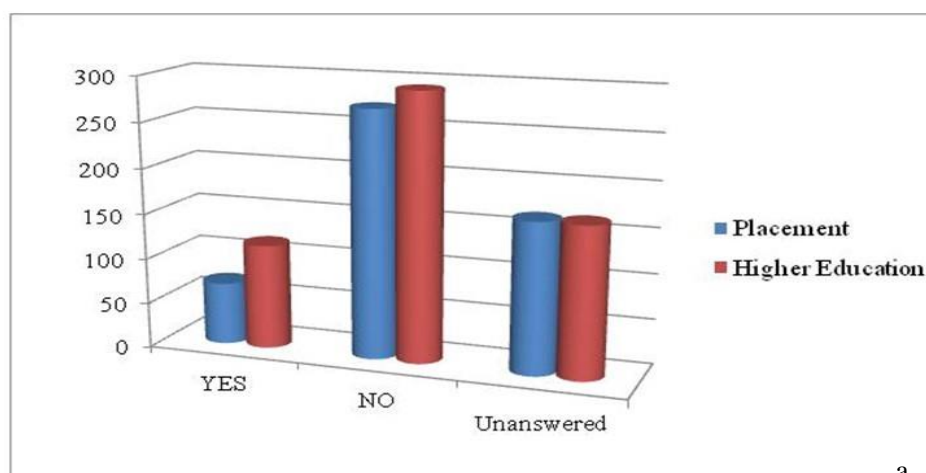
<b>S.No.</b>	<b>Name and Designation of Principal/ Co-Investigator</b>	<b>Title of the Project</b>	<b>Name of Funding Agency</b>	<b>Sanctioned Amount</b>	<b>Received Amount In Rs.</b>
		Batteries			
12.	Dr. Manisha Upadhyay	UGC-BSR startup grant	<b>UGC</b>	10 lakh	NIL
13.	Mr. S. Subramanian	Preparation..composi te	<b>CSIR</b>	4146800	NIL
14.	PIO, ARSD College	PM Yuva Yojana	<b>GOI</b>	1,54,000	NIL

## STUDENTS FEEDBACK ANALYSIS

# Analysis of Student Feedback Forms - 2017

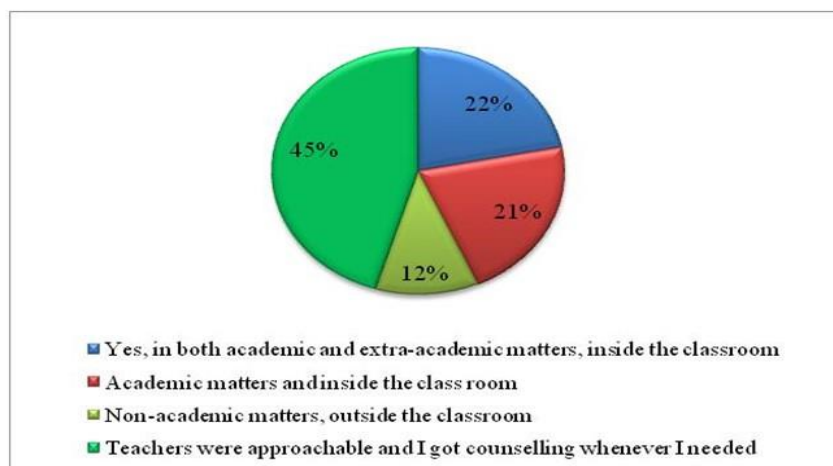
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## Placement offer/admission in Higher Education



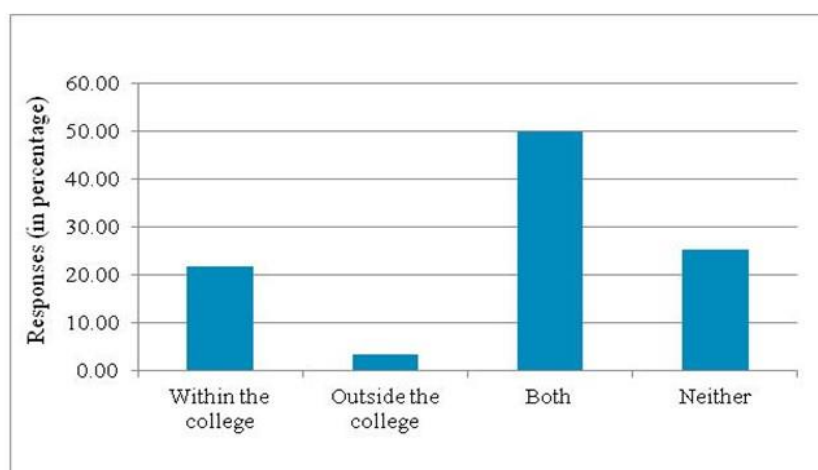
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## Counseling in addition to regular classroom teaching



fppt.com

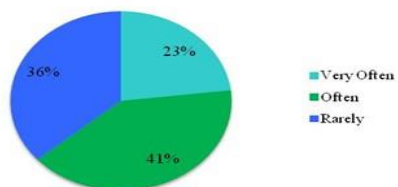
## Teachers encouragement to participate in activities



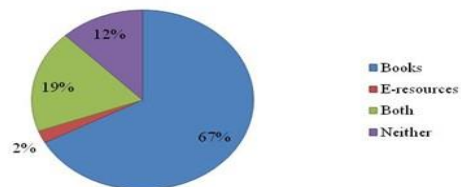
fppt.com

## College Library

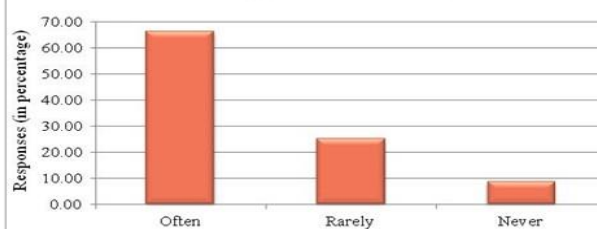
Frequency of Visit to the College Library



Purpose of visit to the library

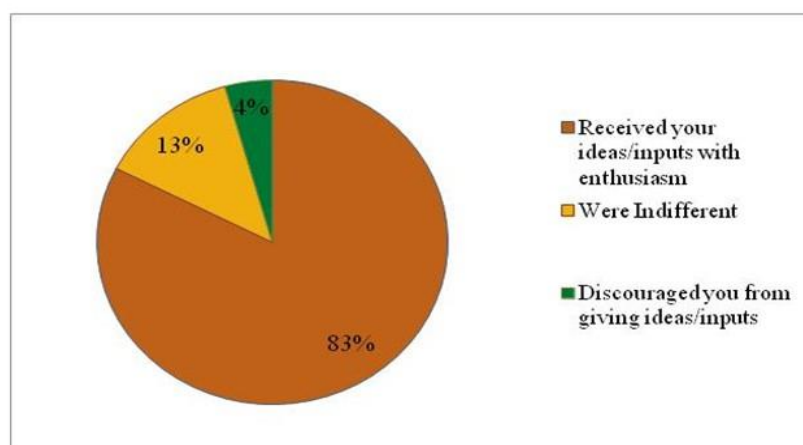


Teachers encouragement to use Library Resources



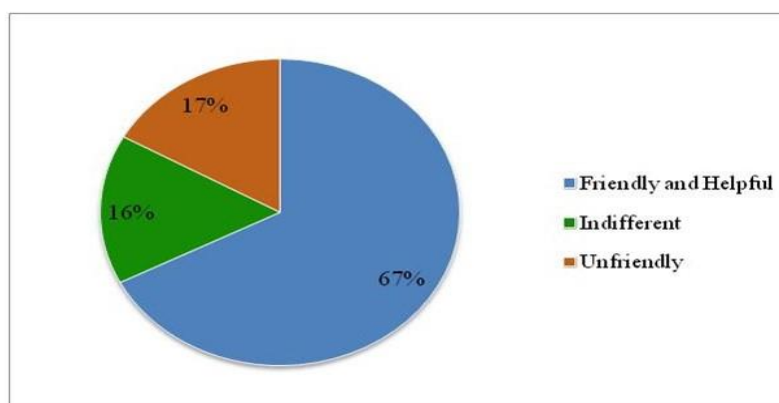
fppt.com

## Teachers during classroom teaching



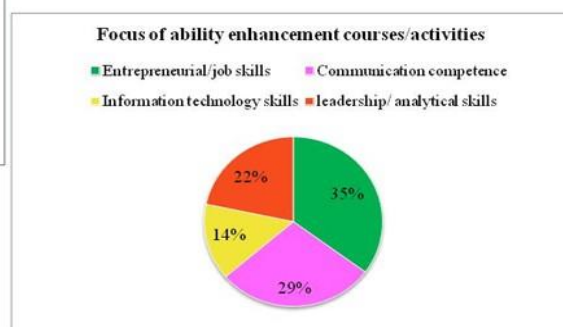
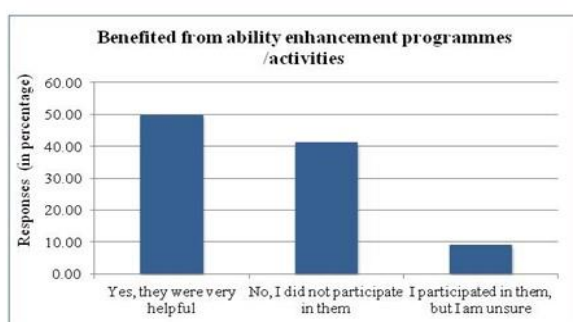
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## Administrative Staff Rating



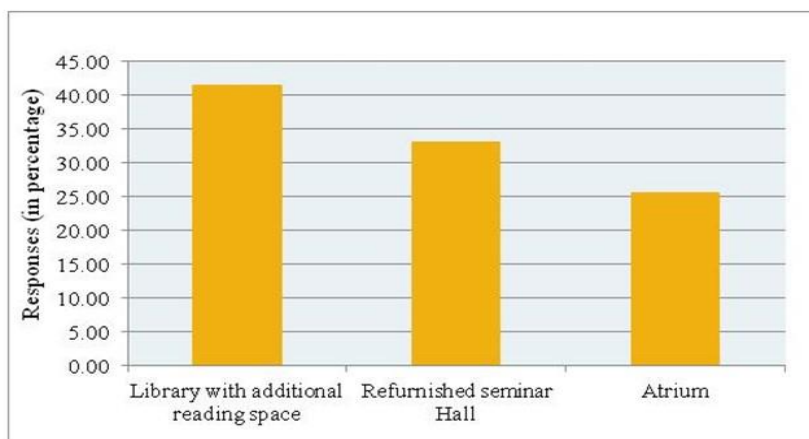
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## Ability enhancement programmes /activities



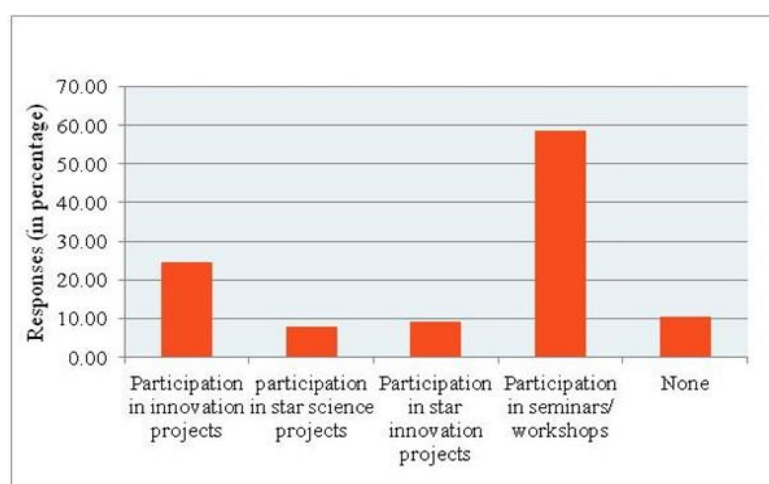
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## Most Useful Recent infrastructural augmentations



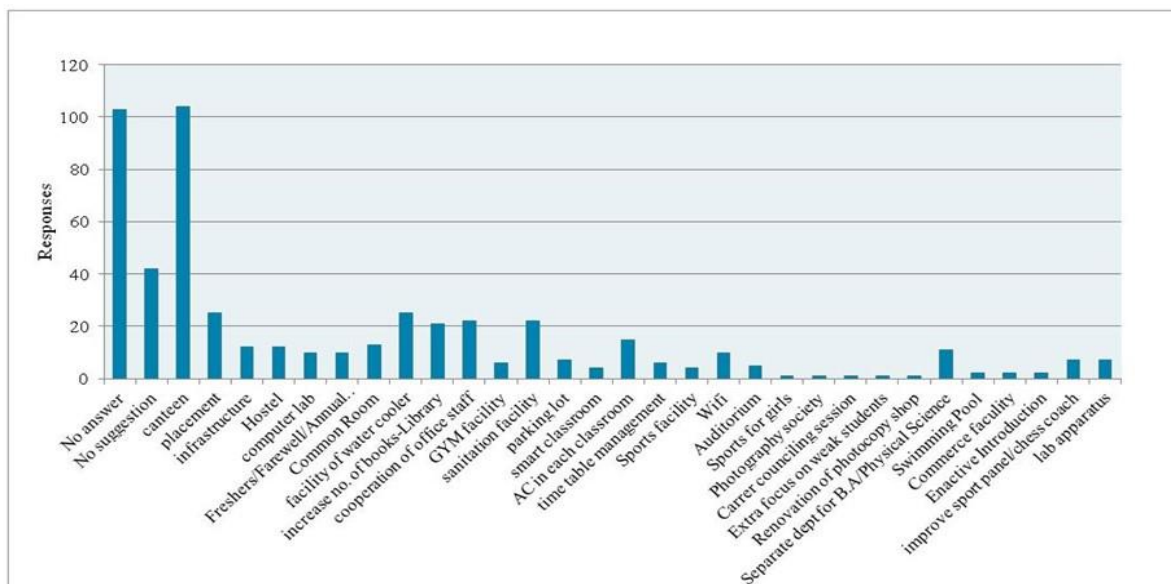
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## Research activities undertaken by students



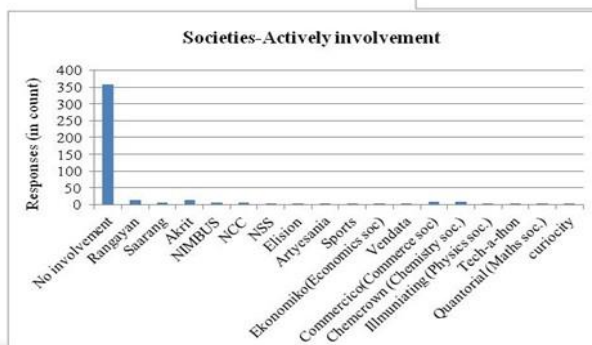
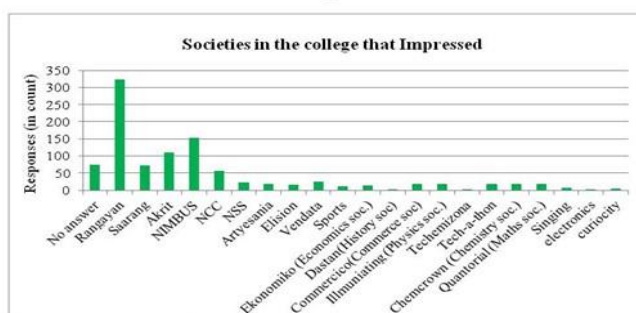
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## Change/facility like to see in college



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## Societies in the college



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## Future Plan

