

The Annual Quality Assurance Report (AQAR) of the IQAC (2017-18)

Part – A

1. Details of the Institution

1.1 Name of the Institution

DAV College Amritsar

1.2 Address Line 1

Katra Sher Singh

Address Line 2

I/S Hathi Gate

City/Town

Amritsar

State

Punjab

Pin Code

143006

Institution e-mail address

davasr@yahoo.com

Contact Nos.

0183-2553377, 2534971

Name of the Head of the Institution:

Dr Rajesh Kumar

Tel. No. with STD Code:

0183-2291577

Mobile:

91-8968294466

Name of the IQAC Co-ordinator:

Prof. Rajneesh Popi

Mobile:

91-8968611000

IQAC e-mail address:

davasr@yahoo.com

1.3 NAAC Track ID

PBCOGN12514

1.4 Website address:

www.davcollegeasr.org

Web-link of the AQAR:

www.davcollegeasr.org/AQAR2017-18.doc

1.5 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|----------------|-------|-----------------------|-----------------|
| 1 | 1 st Cycle | A ⁺ | 91.05 | Sept. 21, 2005 | Five Years |
| 2 | 2 nd Cycle | A | 3.20 | May 1, 2015 | Five Years |
| 3 | 3 rd Cycle | | | | |
| 4 | 4 th Cycle | | | | |

1.6 Date of Establishment of IQAC :

17.01.2015

1.7 AQAR for the year

July 01, 2017 – June 30, 2018

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. **AQAR 2015-2016 Dated_(28/12/2016)**
- ii. **AQAR 2016-2017 Dated_(17/11/2017)**
- iii. **AQAR 2017-2018 Dated_(01/10/2018)**

1.9 Institutional Status

University _____ State ☐ Central ☐ Deemed ☐ Private ☒

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒Regulatory Agency approved Institution Yes ☐ No ☒

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

| | | | | | | |
|------------------|--------------|-------------------------------------|----------|-------------------------------------|---------|-------------------------------------|
| Financial Status | Grant-in-aid | <input checked="" type="checkbox"/> | UGC 2(f) | <input checked="" type="checkbox"/> | UGC 12B | <input checked="" type="checkbox"/> |
|------------------|--------------|-------------------------------------|----------|-------------------------------------|---------|-------------------------------------|

| | | | | |
|-------------------------------|---------|-------------------------------------|----------------|--------------------------|
| Grant-in-aid + Self Financing | Totally | <input checked="" type="checkbox"/> | Self-financing | <input type="checkbox"/> |
|-------------------------------|---------|-------------------------------------|----------------|--------------------------|

1.10 Type of Faculty/Programme

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

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

Others (Specify) Computer Science, Journalism & Mass Communication

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

Guru Nanak Dev University,
Amritsar

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

Autonomy by State/Central Govt. / University No

University with Potential for Excellence

-

UGC-CPE

✓

DST Star Scheme

Star College in Life Sciences, DBT

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 | 05 |
| 2.2 No. of Administrative/Technical staff | 02 |
| 2.3 No. of students | 02 |
| 2.4 No. of Management representatives | 01 |
| 2.5 No. of Alumni | 02 |
| 2. 6 No. of any other stakeholder and community representatives | 0 |
| 2.7 No. of Employers/ Industrialists | 01 |
| 2.8 No. of other External Experts | 01 |
| 2.9 Total No. of members | 14 |
| 2.10 No. of IQAC meetings held | 04 |

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff Students Alumni Others

3. Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State - Institution Level

(ii) Themes

Skill Development

2.14 Significant Activities and contributions made by IQAC

Annexure-I

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 |
|----------------|--------------|
| Annexure-II | |

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

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

Management ☒ Syndicate ☐ - Any other body ☐ -

Provide the details of the action taken

After presenting the AQAR to the management i.e DAVCMC, New Delhi and upon receiving their approval in respect of the recommendations of the IQAC the plans and initiatives are implemented for the betterment of the staff both teaching and non-teaching and active participation of other stakeholders like the parents, the alumina , the industry etc. is sought.

Annexure-I

NATIONAL CONFERENCE, WORKSHOPS & SEMINARS

1. **Department of Biotechnology** received grant of **Rs 26 Lakhs** from Department of Science & Technology (**DST**), Govt. of India to organize two DST Sponsored **INSPIRE** Internship Camps on Nov. 03-07, 2017 at DAV College, Amritsar, India.
2. **Department of Bio Technology** organized **International Biodiversity Day** on 28 May 2018 in collaboration with **Punjab Biodiversity Board** and received funding of Rs 20,000/
3. **Department of Bio Technology** conducted Intra-Department Science Festival “**Explore**” on 17th August, 2017. Students of the department participated with full zest and zeal in the host of events like Brain worm, Catch the dash, Aage Kuan Peeche Khai and Unleash the Secret. The main motive of the festival was to carve out the hidden talent among the students and appreciate their hard work. In addition, free books were distributed to the students who brought laurels to the college by securing merit positions.
4. **P G Department of Physic** Conduct written Exam Coordinator for state level camp (level-II), Punjab & Chandigarh of **VIDYARTHI VIGYAN MANTHAN-2017-18 organized by VIBHA, NCERT, MHRD and Vigyan Parsar DST**, Govt. of India on 4th Feb. 2018 at DAV College, Amritsar, Punjab, India.
5. **P G Department of Physic** organized **National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)** held on April 11th, 2018 at DAV College, Amritsar.
6. **PG Department of History** organized UGC Sponsored International Seminar on Mahatma Gandhi as perceived by his Contemporaries at DAV College, Amritsar on March 10, 2018
7. **PG Department of History** organized Seminar on “Mahatma Gandhi as perceived by his Contemporaries” at DAV College, Amritsar on March 17, 2017
8. **The PG Department of History/Travel and Tourism** organized a talk on ‘Cancer Awareness’ on October 28, 2017 by Dr. Kapil Kumar ((MS, FICS, FAIS) BLK Super Specialty Nanavati Hospital, Mumbai). In his talk he discussed and explained the students with the help of ppt about the general causes of occurrence of cancer and measures for the prevention of this disease
9. **The PG Department of History/Travel and Tourism** On October 2nd, 2017 the department celebrated Gandhi Jayanti at Cutting and Tailoring Centre (Guru Nanakpura) by distributed sewing machines and bags to the students.
10. The faculty members of **PG Department of History/Travel and Tourism** Prof. Shilpi Seth, Prof. AmandeepKaur, Prof. SumeerKaur addressed the students under different topics like Women Trafficking, Heritage Walk of Amritsar, An introduction to Tourism in the month of September 2017.

11. **The PG Department of History/Travel and Tourism** celebrated Martyrdom day of Mahatma Gandhi on January 30, 2018 by delivering lectures to students..
12. **Department of Sanscrit** organized Bhagat Puran Singh memory on July 7, 2017.
13. **Department of Sanscrit** organized Film Screening on Mharishi Dyanand on March 27, 2018 . More than 85 Students from department participated in IQ Test and they taken pledge to remain Drug free India and world.
14. **Department of Sanscrit** organized various social activates like Grow Tree, Save Life, Go green Go clean campaign.
15. P G Department of Computer Sc. & IT along with Ministry of Communication and IT, Govt. of India remotely organized **International Webinar (Pre–event)** ceremony as runup events at **5TH GCCS 2017** on four Identified themes on **“CYBER 4 ALL” on November 23, 24, 2017.**
16. P G Department of Computer Sc. & IT has collaborative with International consortium like **Adobe Inc., UNESCO and GCSF**; Department participated at “Global Cyber Secirity Forum” and successfully organized International day celebration (ILD) on September 8, 2017

Annexure-II

IQAC has been continuously encouraging the teaching departments to engage in research work and avail of the grants offered by the UGC to upgrade their know-how. The department of history was sanctioned two chairs under UGC Scheme:

1. PG Department of History organized **‘Gandhian Studies Centre’ and ‘Ambedkar Studies Centre’** under the UGC Sponsored Epoch Making Socio Thinkers of India during 12th plan period 2013-17.
2. PG Department of History sanctioned two innovative centres: **Gandhian Studies Centre** (UGC Sponsored Epoch Making Social Thinkers of India during XII Plan Period 2013-14 to 2016-17) and **Ambedkar Studies Centre** (UGC Sponsored Epoch Making Social Thinkers of India during XII Plan Period 2013-14 to 2016-17).
3. P G Department of Computer Sc. In association with **ISOC** set up Remote Node to organize 25 Years of Internet Society using **Web Casting mode** on September 19, 2017. Students participated and discussed internet governance issues and solutions
4. **P G Department of Physic** organized **National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)** held on April 11th, 2018 at DAV College, Amritsar.

5. **Department of Biotechnology** received grant of **Rs 26 Lakhs** from Department of Science & Technology (**DST**), Govt. of India to organize two DST Sponsored **INSPIRE** Internship Camps on Nov. 03-07, 2017 at DAV College, Amritsar, India.
6. **Department of Biotechnology** organized **International Biodiversity Day** on 28 May 2018 in collaboration with **Punjab Biodiversity Board** and received funding of Rs 20,000/

Annexure-III

Admission Schedule

| | |
|---|-----------------------------------|
| Normal Dates of Admission by the College | July 25, 2018 |
| Admission by the College with Late Fee of the Rs.100/- | July 26, 2018 – August 01, 2018 |
| Admission with late Fee of Rs.200/- but with the permission of the Dean Academic Affairs | August 02, 2018 – August 16, 2018 |
| Admission with late Fee of Rs.1000/- but with the permission of the Vice-Chancellor | August 17, 2018 – August 23, 2018 |
| Admission with late Fee of Rs.5000/- but with the permission of the Syndicate GNDU | August 24, 2018- August 31, 2018 |

Academic Calendar

| | |
|---|------------------------------|
| Semester I-III-V-VII | July, 2018 to December, 2018 |
| Semester II-IV-VI-VIII | January, 2019 to June, 2019 |
| Co-Academic Calendar | |
| Enrolments of Cadets to NCC and NSS | Till July 31, 2018 |
| Talent Search Competition for CCA | Till July 31, 2018 |
| Enrolments of Players in various Teams/Games | Till July 31, 2018 |
| Sports and Athletic Meet | Feb 2019 |
| Prize Distribution Function | March 2019 |
| Convocation Function | March 2019 |
| Preparatory Holidays for Univ Exams 2018/2019 | As per Univ. Notification |

Plan of Action

IQAC advised the various teaching departments to organize workshop/symposia for the students to sharpen their skills to raise their confidence level so that they are better placed for employability.

Achievements

As per the decision made in the meeting of IQAC regarding skill development of the students, the various teaching departments organized such seminars so that the students are more confident and better placed for employability. **Part – B**

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | 0 | 0 | 0 | |
| PG | 10 | 0 | 0 | |
| UG | 12 | 0 | 0 | |
| PG Diploma | 1 | 0 | 0 | |
| Advanced Diploma | 1 | 0 | | |
| Diploma | 1 | 0 | | |
| Certificate | 1 | 0 | | |
| Others | | | | |

| | | | | |
|-------------------|-----------|--|---|--|
| Interdisciplinary | | | | |
| Innovative | | | | |
| Total | 26 | | 0 | |

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

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 24 (12 * 2) |
| Trimester | Nil |
| Annual | Nil |

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

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

Annexure-iv

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

As and when received from the University

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

The College was sanctioned two Chairs 'Gandhian Studies Centre' & 'Ambedkar Studies Centre' under the UGC Sponsored Epoch Making Socio Thinkers of India during 12th plan period 2013-17.

Annexure-iv

Feedback from the employers i.e., DAV College Managing Committee, New Delhi is continuously communicated to the employees of the college through the Principal by the Administrative Office. Any issue requiring view of the employees is discussed threadbare in the meetings of academic council and staff council of the college. Feedback from the students is communicated either directly to the Principal or College Registrar or Prof-In-Charge Administration or mentoring sessions of the students or scholars from or any other platform of the students. Feedback from the students regarding discipline is discussed in the Discipline Maintenance Committee headed by Prof-In-Charge Administration. Feedback regarding teaching learning process or university work or any other issue is addressed by the College Registrar with the help of College Principal. Feedback from the alumni association is taken care of by the Principal or the Academic Council of the College.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 90 | 26 | 64 | - | - |

2.2 No. of permanent faculty with Ph.D.

41

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

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|---|----------------------|---|------------|---|--------|---|-------|---|
| R | V | R | V | R | V | R | V | R | V |
| 11 | - | 0 | 0 | 0 | 0 | - | - | 0 | |

??? Note that Punjab Govt. as imposed a ban on recruitment of vacant aided posts since 2002. The college, however, makes adhoc appointments against these posts.

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil

Nil

89

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|-----------------------------|---------------------|-----------------|-------------|
| Attended Seminars/Workshops | Total 44 | Total 32 | 2 (Phy) |
| Papers | Total 55 | Total 9 | |
| Resource Persom | | 1 (bt) 1(Chem) | 1 (bt) |

Annexure-v

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

| |
|--------------------|
| Annexure-vi |
|--------------------|

2.7 Total No. of actual teaching days

| |
|-----|
| 180 |
|-----|

During this academic year

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

| |
|----|
| No |
|----|

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

| | | |
|----|---|---|
| 08 | - | - |
|----|---|---|

2.10 Average percentage of attendance of students

| |
|----|
| 75 |
|----|

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Division | | | | |
|------------------------|--------------------------------|----------|-------|-------|---------------|--------|
| | | I % | II % | III % | Distinction % | Pass % |
| BCA Sem II | 109 | 27.52 | 14.67 | 4.09 | | 42.62 |
| BCA Sem IV | 92 | 51.08 | 17.39 | Nil | | 71.29 |
| BCA Sem VI | 96 | 54.16 | 13.54 | Nil | | 67.30 |
| BSCIT Sem II | 29 | 27.58 | 13.79 | Nil | | 41.86 |
| BSC IT Sem IV | 31 | 41.93 | 25.80 | Nil | | 67.74 |
| BSC IT Sem VI | 28 | 67.85 | 25 | Nil | | 92.85 |
| B.Com Regular Sem-II | 292 | 48.97 | 25 | 0.34 | | 74.31 |
| B.Com Regular Sem-IV | 327 | 112 | 138 | 14 | | 80.73 |
| B.Com Regular Sem-VI | 294 | 43.53 | 40.47 | 2.38 | | 86.39 |
| BBA Sem II | 93 | 15.5 | 23.65 | 15.5 | | 53.76 |
| BBA Sem IV | 80 | 45 | 31.25 | 3.75 | | 67.14 |
| BBA Sem VI | 63 | 23.8 | 14.28 | 73.17 | | 76.43 |
| BSC NM Sem II | 33 | 10 | 7 | 3.03 | | 54.54 |
| BSC NM Sem IV | 32 | 30.30 | 21.21 | Nil | | 90.62 |
| BSC NM Sem VI | 47 | 82.97 | Nil | Nil | | 82.97 |
| BSC CS Sem II | 47 | 17.02 | 15 | 2.12 | | 79.41 |
| BSC CS Sem IV | 34 | 64.70 | 31.09 | Nil | | 25 |
| BSC CS Sem VI | 34 | 85.29 | Nil | Nil | | 85.29 |
| BSC Med Sem II | 33 | 21 | 6 | Nil | | 61.29 |
| BSC Med Sem IV | 25 | 63.63 | 18.18 | Nil | | 80 |
| BSC Med Sem VI | 22 | 72.72 | Nil | Nil | | 72.72 |
| BSc BT Sem II | 15 | 66.6 | 13.33 | Nil | | 28.57 |
| BSc BT Sem IV | 18 | 44.44 | 22.22 | Nil | | 88.23 |
| BSC BT Sem VI | 17 | 70.58 | 17.64 | Nil | | 81 |
| BJMC Sem II | 30 | 15 | 10 | 2 | | 81.81 |
| BJMC Sem IV | 29 | 93.10 | 3.57 | Nil | | 96.55 |
| BJMC Sem VI | 21 | 80.95 | 14.28 | Nil | | 95.23 |
| BSc Eco. Sem II | 44 | 22.72 | 18.18 | 2.27 | | 43.18 |
| BSc Eco. Sem IV | 24 | 50 | 16.66 | 16.66 | | 83.33 |
| BSc Eco. Sem VI | 31 | 41.93 | 35.48 | 6.45 | | 83.87 |
| BMM Sem II | 15 | 11 | Nil | Nil | | 81.88 |
| BMM Sem IV | 8 | 73.33 | Nil | Nil | | 100 |
| BMM Sem VI | 9 | 100 | Nil | Nil | | 100 |
| BMM Sem VIII | 22 | 100 | Nil | Nil | | 100 |
| BA Sem II | 203 | 6.89 | 15.76 | 15.76 | | 32.36 |
| BA Sem IV | 115 | 6.89 | 15.76 | Nil | | 73.9 |
| BA Sem VI | 54 | 42.59 | 5.55 | Nil | | 48.14 |
| PGDCA | 23 | 60.86 | 17.39 | Nil | | 78.26 |

| | | | | | | |
|--------------------|-----|-------|-------|-------|--|-------|
| MSc Comp Sc Sem II | 20 | 60 | 70 | Nil | | 80 |
| MSc Comp Sc Sem IV | 12 | 75 | Nil | Nil | | 75 |
| MSc Math Sem II | 112 | 37.5 | 26.78 | Nil | | 3.57 |
| MSc Math Sem IV | 98 | 42.14 | 16.66 | Nil | | 61.22 |
| MSc Phy Sem II | 20 | 55 | 5 | Nil | | 60 |
| MSc Phy Sem IV | 20 | 85 | 5 | Nil | | 90 |
| M. Com Sem II | 37 | 78.37 | 10.81 | Nil | | 89.18 |
| M. Com Sem IV | 53 | 71.61 | 13.20 | Nil | | 84.90 |
| MA Eng Sem II | 11 | Nil | 6 | 1 | | 63.63 |
| MA Eng Sem IV | 5 | 60 | 40 | Nil | | 100 |
| MA Punjabi Sem II | 11 | 27.27 | 67.63 | Nil | | 100 |
| MA Punjabi Sem IV | 4 | 25 | 75 | Nil | | 100 |
| MA Hindi Sem II | 5 | 100 | Nil | Nil | | 100 |
| MA Hindi Sem IV | 5 | 100 | Nil | Nil | | 100 |
| MA Eco Sem II | 20 | 86.66 | 6.66 | 6.66 | | 75 |
| MA Eco Sem IV | 15 | 60 | 67.14 | 33.33 | | 93.33 |
| MA History Sem Ii | 7 | 42.85 | 4 | Nil | | 100 |
| MA History Sem IV | 10 | 50 | 20 | Nil | | 70 |

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

IQAC monitors teaching learning process in various programmes by analyzing the data obtained from Administrative Office and suggesting remedial measures.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|---------------------------------------|
| Refresher courses | 2 |
| UGC – Faculty Improvement Programme | |
| HRD programmes | |
| Orientation programmes | 1 |
| Faculty exchange programme | |
| Staff training conducted by the university | 3 |
| Staff training conducted by other institutions | 1 |
| Summer / Winter schools, Workshops, etc. | 1 |
| Others (Pre-PHD Work) | 9 , 4(CS), 1(Chem), 4 (Phy), 1 (Hist) |

Annexure-vii

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 | 61 | 26 | 5 | 58 |
| Technical Staff | 25 | 13 | 0 | 0 |

Annexure-V

PAPERS PRESENTED

1. **Political Science Department:** Prof. Surinder Kumar published an article titled 'जनता की अदालत में सर्वोच्च न्यायालय' in Dainik Jagran on 29.01.2018
2. Department of Botany: Prof. Amanjot Kaur Presented two papers on "Ideals of the servants of God in NWFP of British India" and "The present status of renewable sources of energy in India: A review" at UGC sponsored international seminar on Mahatma Gandhi as perceived by his contemporaries March 10, 2018 at DAV College, Amritsar and National Conference on Recent trends in advanced materials and applications (RTMA-2018) April 11, 2018 .G. Dept. of Physics, DAV College, Amritsar, India.
3. izks ¼MkW½ vuhrk izHkkdj v/;{k} fgUnh foHkkx 'kks/k i= Mh,-oh-dkyst ve`rlj eas 10 ekpZ 2018 dks ,d fnolh; varjjk"Vªh; laxks"Bh eas ^xka/kh th dh izkalfxdrk** 'kh"kZd ls 'kks/k i= i<+k
4. izks¼MkW½ lhek 'kekZ f=fnol; varjjk"Vªh; IEesy 5&6&7 tuojh 2018 dk dksydÜk eas gqvka ftleas ^fons'kh olq/kk eas fgUnh dk iBu ikBu** 'kh"kZd ls 'kks/k i= i<+kA
5. Mh,-oh dkyst ve`rlj eas 10 ekpZ 2018 dks ,d fnolh; varjjk"Vªh; laxks"Bh eas ^ekÂuyky prqosZnh ij xka/kh th izHkko** 'kh"kZd ls 'kks/k i= i<+k
6. P G Department of History : Dr. Vishav Bandhu "Mahatma Gandhi as perceived by his Contemporaries" seminar on Mahatma Gandhi as perceived by his Contemporaries, organized by PG Department of History, DAV College, Amritsar on March 17, 2017
7. Prof. Dr. Shilpi Seth Presented paper in International Conferences/Seminars "Significant Role Played by Kasturba Gandhi (Ba) in the life of Mahatma Gandhi" seminar on Mahatma Gandhi as Perceived by His Contemporaries, organised by PG Department of History, DAV College, Amritsar on March 10, 2018.
8. Dr. Babusha Maingi Presented paper in International Conferences/Seminars "Poverty Eradication and People's Empowerment through Gandhian Philosophy" seminar on Mahatma Gandhi as Perceived by his Contemporaries, organized by PG Department of History, DAV College, Amritsar on March 10, 2018.
9. Dr. BabushaMaingi also presented paper in National Seminars: Seminar on "Life and Philosophy of Guru Nanak's Bani Modern Perspective",organised by Guru Nanak Studies, Guru Nanak Dev University, Amritsar, November 22-23, 2017
10. Prof. Munish Singh Paper Presented in International Conferences/Seminars "Differences within Consensus: A study of Gandhi and Patel Correspondences" seminar on Mahatma Gandhi as Perceived by his Contemporaries, organized by PG Department of History, DAV College, Amritsar on March 10, 2018.
11. "The Nanakana Sahib Massacre (1921): Revisited" organized by Punjab History Conference, Punjabi University, Patiala on March 23-24, 2018

12. Prof. AmandeepKaur Criterion Paper Presented in International Conferences/Seminars “Gandhi and Ambedkar on Untouchability” seminar on Mahatma Gandhi as Perceived by his Contemporaries, organized by PG Department of History, DAV College, Amritsar on March 10, 2018
13. Prof. Ravi Sharma Presented Paper in the national Conference on Recent trends in advance materials and applications on dated 11th April 2018.
14. Also delivered a Practical Session in the Inspire Programme’ of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017.
15. Completed Pre Ph.D course work in Chemistry at Sant Baba Bhag Singh University Kathar Distt. Hoshiarpur
16. Prof. Viaks Behl of Commerce Department completed Pre-PHD work in commerce at Sant Baba Bhag Singh University Kathar Distt. Hoshiarpur
17. Deliverd a talk as resource person on In-Service Course of PGT Chemistry on 28-5-2018 at KV-2 RCF Hussainpur (Kapurthala) on Nucleophilicity E Nucleophilic Substitution Reaction.
18. Prof. JJM Presented Paper on the topic Sol-gel Synthesis, Characterization and properties of silver nano Particles in the national Conference on Recent trends in advance materials and applications on dated 11th April 2018.
19. Organized an activity on the topic ‘Sharpening of MCQ Skill for entrance exam’ on 24th Feb. 2018 to prepare degree students for competitive exams.
20. Delivered a Practical Session in the Inspire Programme’ of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017
21. Organized Students Centric competition on the topic ‘Theoretical Aspects of Experimental Chemistry’ on 26th Oct. 2017 for benefiting students in forthcoming examinations and interviews.
22. Delivered a Practical Session in the Inspire Programme’ of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017
23. Prof. Rajesh Mittu Presented Paper on the topic ‘Environment Protection by Green Chemistry’ in the national Conference on Recent trends in advance materials and applications on dated 11th April 2018.

24. Dr. Munish Gupta Dr. Munish Gupta published paper entitled “Li doping induced physico-chemical modulations in Cd ferrite ($\text{Cd}_{1-x}\text{Fe}_x\text{O}_4$) synthesized using aqueous ammonia assisted co-precipitation route” in the journal Materials Science and Engineering B 227 (2018) 1-8.
25. Delivered a Practical Session in the Inspire Programme’ of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017
26. Dr. Raghu Raj Dr. Raghu Raj Published Papers on the topic:
 - (i) 4-Aminoquinoline-chalcone/-N-acetylpyrazoline conjugates: Synthesis and antiplasmodial evaluation in the journal European Journal of Medicinal Chemistry, 2017, Volume 138, Pages 993-1001; DOI: [10.1016/j.ejmech.2017.07.041](https://doi.org/10.1016/j.ejmech.2017.07.041).
 - (ii) Recent advances (2015–2016) in anticancer hybrids in the journal European Journal of Medicinal Chemistry, 2017, Volume 142, Pages 179-212; DOI: [10.1016/j.ejmech.2017.07.033](https://doi.org/10.1016/j.ejmech.2017.07.033)
27. Presented Paper in the national Conference on Recent trends in advance materials and applications on dated 11th April 2018.
28. Presented Poster Presentation in 7th National Symposium on Advances in Chemical Sciences on 26th March 2018
29. Prof. Mehak Sharma delivered a Practical Session in the Inspire Programme’ of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017.
30. Dr Vikas Gupta was conferred with best paper award for his research work entitled “Elevated levels of MMP-2 in ESRD” in International Conference on Clinical Research 2017 organized by Baba Farid University of Health Sciences and Research on 8th - 9th September 2017.
31. Dr Vikas Gupta delivered a guest lecture on “Genetically Modified Organisms “in DBT sponsored Popular Lecture Series at Swami Satyanand College, Amritsar on 22 February 2018.
32. Dr Rupinder Kaur delivered a talk,” Biotechnology: A revolutionary Science “ in DST INSPIRE Science camp at Baba Farid Institute of Science and Technology, Bathinda on June 29, 2018. (National Level)

33. Political Science Department: Prof. Surinder Kumar, HOD, attended 01 International Seminar and 01 National Seminar during the period.
34. International Seminar 'Mahatma Gandhi as perceived by his Contemporaries' organised by PG Department of History, DAV College, Amritsar on 10.03.2018.
35. NAAC Sponsored National Seminar (Multi-Disciplinary) on Academic and Administrative Audit in Higher Education on January 19, 2018 organised by DAV College, Jalandhar under the aegis of IQAC.
36. Dr. Gaurav Sharma, Assistant Prof. attended 01 International Seminar and 01 National Seminar during the period.
37. International Seminar 'Mahatma Gandhi as perceived by his Contemporaries' organised by PG Department of History, DAV College, Amritsar on 10.03.2018.
38. Three Days National Seminar on 'Contemporary Challenges to Social Sciences' (28.03.2018 to 30.03.2018) organised by Faculty Development Centre, Guru Nanak Dev University, Amritsar.
39. Prof. (Dr.) Gagandeep Raizada: Presented a paper entitled, "Gandhi and Ambedkar: A Discussion" in the International Seminar on Mahatma Gandhi as perceived by his Contemporaries' at DAV College, Amritsar, on March 10, 2018
40. Zoology Department: Dr. Rajni Khanna presented and published papers at; Attitudes towards Environmental Concerns in DGHE Sponsored National Seminar on Waste Management in India : A Challenge to Cleanliness organized by Chemistry and Life Sciences Departments, Arya Kanya Mahavidyalaya, Shahabad Markanda (Haryana) on February 16, 2018.
41. A Comparative Study of Educational Ideas of Tagore and Gandhi in One Day International Seminar on Mahatma Gandhi as Perceived by his Contemporaries organized by PG Department of History /Travel & Tourism : Under the Aegis of Gandhian Studies Centre UGC Sponsored Epoch Making, DAV College, Amritsar on March 10, 2018.
42. Mosquito Repellants and Human Health in National Conference on Recent Trends in Advanced Materials and Applications (RTMA – 2018) organized by PG Department of Physics and Electronics, DAV College, Amritsar on April 11, 2018.

43. Dr. Neeraj Gupta from Zoology Department presented paper "Use of fish scales as a tool for research" G- Journal of Environmental Science & Technology 4(6):105-107. Neeraj Gupta, 2017, "Ultrastructure of the scales of *Channa punctatus*: A fresh water fish," G- Journal of Environmental Science & Technology, 3(6), 121-124.
44. Prof. Sameer Kalia (HOD) Paper Presented in Conferences: Participated and Presented paper in "National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)" held at DAV College Amritsar, (India) on April 11th, 2018.
45. Presented a paper in 4th National Conference on Current Advances in Physical Sciences on March 22, 2018 at PG dept. of Physics, Khalsa College, Amritsar, India
46. Dr Neeru Gupta Paper Presented in Conferences: Participated and Presented paper in "National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)" held at DAV College Amritsar, (India) on April 11th, 2018.
47. Dr. Ajay Kumar Paper Presented in Conferences participated and Presented paper in the "ICSTTC-2018: International Conference on Science and Technology: Trends and Challenges" held at Ludhiana, Punjab, India on April 16th – 17th, 2018.
48. Participated and Presented paper in "National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)" held at DAV College Amritsar, (India) on April 11th, 2018.
49. Participated and Presented paper in "7th National Symposium on Advances in Chemical Sciences" held at Guru Nanak Dev University, Amritsar (India) on March 26th -27th, 2018.
50. Induced Dipole-Dipole Coupling Between Two Atoms At A Migration Resonance International Conference on Condensed Matter & Applied Physics, (ICC 2017) November 24–25, 2017 Govt. Engineering College, Bikaner
51. Wigner function: A measure of non-classicality of quantum states National Conference on current advances in physical sciences (CAPS-2018) March 22, 2018 P.G. dept. of Physics, Khalsa College, Amritsar, India
52. Decoherence in open quantum systems. National conference on Recent Trends in Advanced Materials and Applications (RTMA-2018) April 11, 2018 P.G. dept. of Physics, DAV College, Amritsar, India.
53. Dr Manpreet Kaur Papers Presented a paper Effect of modifier on structural properties of phosphate glasses at National conference on functional materials for device applications (NCFMDA-2018) Guru Nanak Dev University, Amritsar on March 9-10, 2018

54. Presented a paper on “Effect of titanium dioxide on the properties of phosphate glasses” at 3rd National Conference on Current Advances in Physical Sciences (CAPS – 2017) on March 31, 2017 at Khalsa College Amritsar.
55. Presented a paper on Evolution of Higg’s Boson at National Conference on Recent trends in advanced materials and applications (RTMA-2018) at P.G. Dept. of Physics, DAV College, Amritsar, India, on April 2018
56. Dr Narinder arora Papers Presented a paper entitled “Electrical, mechanical and thermally stable nano-dispersed PMMA based polymer gel electrolytes” in 4th National Conference on Current Advances in Physical Sciences on March 22, 2018 at PG dept. of Physics, Khalsa College, Amritsar, India
57. Presented a paper entitled “Conductivity improvement of gum acacia based gel electrolytes containing NH₄Cl” in National Conference on recent trends in advanced materials and applications (RTMA-2018) on April 11, 2018 at DAV College, Amritsar, India.
58. Participated as incharge of discipline committee and conducted physics practical’s in the Internship Camp under INSPIRE programme, Department of Science and Technology, Govt. of India, held on Nov. 03-07, 2017 at DAV College, Amritsar, India.
59. Dr. Vibha Chopra Papers presented I.H.Dhadade, S.J. Dhoble, and S.V. Moharil. Synthesis, photoluminescence and thermoluminescence of YAlO₃:Eu³⁺ phosphor; National Conference on recent trends in Synthesis & Characterization of Futuristic material in Sciences for the devepolment of Society (NCRTFMDS-2018), Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College, Sakharkherda, Dist- Buldana, (M.S.) (13 January 2018).
60. V. Chopra,.; Synthesis of Nanocrystalline MgB₄O₇: Dy for high dose radiation dosimetry; 4th National Conference on current advances in Physical Sciences (CAPS-2018), Khalsa College Amritsar (22 March 2018)
61. Vibha Chopra; Effect of ion beam and photons on TLD phosphors for accidental dosimetry. National conference on Functional Materials for Device Applications (NCFMDA-2018) GNDU, Amritsar (10 March 2018)
62. Vibha Chopra. Study of impact of ions in Li₂B₄O₇ using SRIM/TRIM Software. *National conference on ‘Recent trends in advanced materials and applications (RTMA-2018)’* held on 11 April 2018 at DAV College, Amritsar
- 63.
64. Vibha Chopra and S. J. Dhoble. TL behavior of nanocrystalline Li₂B₄O₇: Cu exposed to 50 MeV Li³⁺ ion beam International Symposium on Functional Materials (ISFM-2010): Energy and biomedical applications. Chandigarh University; Hotel Shivalik View, Chandigarh (13-15 April 2018).

65. Vibha Chopra. Participated in 63rd accelerator User Workshop and presented BTR 3 Proposal entitled ‘ To develop an emergencydosimeter for accidental situation using thermoluminescence technique. Held on 16-18 december 2017 at Inter University AcceleratorCentre, New Delhi
66. Dr. Jagdish Kaur Conferences Attended: Presented a research paper in National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018) held on April 11th, 2018 at DAV College, Amritsar.
67. Presented a research paper in 4th National Conference on Current Advances in Physical Sciences (CAPS-2018) held on March 22nd, 2018 at Khalsa College, Amritsar
68. Prof Meetu Singh Papers presented a research paper in National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018) held on April 11th, 2018 at DAV College, Amritsar.
69. Presented a research paper in 4th National Conference on Current Advances in Physical Sciences (CAPS-2018) held on March 22nd, 2018 at Khalsa College, Amritsar.
70. Prof Sania Arora presented and published Paper on “Digitization of hotels in phase of Demonetization during 2-day International Conference held at GGN Institute of Management and Technology, Ludhiana, Punjab
71. Dr Vikas GuptaDr. Vikas Gupta was conferred with best paper award for his research work entitled “Elevated levels of MMP-2 in ESRD” in International Conference on Clinical Research 2017 organized by Baba Farid University of Health Sciences and Research on 8th - 9th September 2017. (International level)
72. Dr Vikas Gupta delivered a guest lecture on “Genetically Modified Organisms “in DBT sponsored Popular Lecture Series at Swami Satyanand College, Amritsar on 22 February 2018. (State level)
73. P G Department of Physics: Prof. Sameer Kalia (HOD) Participated and Presented paper in “National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)” held at DAV College Amritsar, (India) on April 11th, 2018.
74. Prof. Sameer Kalia (HOD) Presented a paper in 4th National Conference on Current Advances in Physical Sciences on March 22, 2018 at PG dept. of Physics, Khalsa College, Amritsar, India
75. Prof. Neeru Gupta Participated and Presented paper in “National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)” held at DAV College Amritsar, (India) on April 11th, 2018.

76. Prof Ajay Kumar Participated and Presented paper in the “ICSTTC-2018: International Conference on Science and Technology: Trends and Challenges” held at Ludhiana, Punjab, India on April 16th – 17th, 2018.
77. Prof Ajay Kumar Participated and Presented paper in “National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)” held at DAV College Amritsar, (India) on April 11th, 2018.
78. **Prof Ajay Kumar** Participated and Presented paper in “**7th National Symposium on Advances in Chemical Sciences**” held at Guru Nanak Dev University, Amritsar (India) on March 26th -27th, 2018.
79. **Prof Manpreet Kaur** Presented a paper Effect of modifier on structural properties of phosphate glasses at National conference on functional materials for device applications (NCFMDA-2018) Guru Nanak Dev University, Amritsar on March 9-10, 2018
80. Presented a paper on “Effect of titanium dioxide on the properties of phosphate glasses” at 3rd National Conference on Current Advances in Physical Sciences (CAPS – 2017) on March 31, 2017 at Khalsa College Amritsar.
81. Presented a paper on Evolution of Higg’s Boson at National Conference on Recent trends in advanced materials and applications (RTMA-2018) at P.G. Dept. of Physics, DAV College, Amritsar, India, on April 2018
82. **Prof. Narinder arora** Presented a paper entitled “Electrical, mechanical and thermally stable nano-dispersed PMMA based polymer gel electrolytes” in 4th National Conference on Current Advances in Physical Sciences on March 22, 2018 at PG dept. of Physics, Khalsa College, Amritsar, India
83. Presented a paper entitled “Conductivity improvement of gum acacia based gel electrolytes containing NH₄Cl” in National Conference on recent trends in advanced materials and applications (RTMA-2018) on April 11, 2018 at DAV College, Amritsar, India.
84. Participated as incharge of discipline committee and conducted physics practical’s in the Internship Camp under INSPIRE programme, Department of Science and Technology, Govt. of India, held on Nov. 03-07, 2017 at DAV College, Amritsar, India
85. Prof. Vibha Chopra, I.H.Dhadade, S.J. Dhoble, and S.V. Moharil. Synthesis, photoluminescence and thermoluminescence of YAlO₃:Eu³⁺ phosphor; National Conference on recent trends in Synthesis & Characterization of Futuristic material in Sciences for the development of Society (NCRTFMDS-2018), Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College, Sakharkherda, Dist- Buldana, (M.S.) (13 January 2018).
86. Prof V. Chopra,.; Synthesis of Nanocrystalline MgB₄O₇: Dy for high dose radiation dosimetry; 4th National Conference on current advances in Physical Sciences (CAPS-2018), Khalsa College Amritsar (22 March 2018)
87. Prof Vibha Chopra; Effect of ion beam and photons on TLD phosphors for accidental dosimetry. National conference on Functional Materials for Device Applications (NCFMDA-2018) GNDU, Amritsar (10 March 2018)

88. Lovepreet Kaur and Vibha Chopra. Study of impact of ions in Li₂B₄O₇ using SRIM/TRIM Software. National conference on 'Recent trends in advanced materials and applications (RTMA-2018)' held on 11 April 2018 at DAV College, Amritsar
89. Prof Vibha Chopra and S. J. Dhoble. TL behavior of nanocrystalline Li₂B₄O₇: Cu exposed to 50 MeV Li³⁺ ion beam International Symposium on Functional Materials (ISFM-2010): Energy and biomedical applications. Chandigarh University; Hotel Shivalik View, Chandigarh (13-15 April 2018).
90. Prof Vibha Chopra. Participated in 63rd accelerator User Workshop and presented BTR 3 Proposal entitled 'To develop an emergency dosimeter for accidental situation using thermoluminescence technique. Held on 16-18 December 2017 at Inter University Accelerator Centre, New Delhi.
91. Prof Meetu Singh Presented a research paper in National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018) held on April 11th, 2018 at DAV College, Amritsar.
92. Prof Meetu Singh presented a research paper in 4th National Conference on Current Advances in Physical Sciences (CAPS-2018) held on March 22nd, 2018 at Khalsa College, Amritsar.
93. Prof Sania Arora Presented and published Paper on "Digitization of hotels in phase of Demonetization during 2-day International Conference held at GGN Institute of Management and Technology, Ludhiana, Punjab.
94. Prof Sania Arora Published Paper on "Digitization of hotels in phase of Demonetization during 2-day International Conference held at GGN Institute of Management and Technology, Ludhiana, Punjab. (ISBN NO 978-93-85835-81-0)
95. Published Paper on "Communication Strategies for promotion of hotel industry in Punjab Journal Academia and Society February 2018 (ISSN NO 2393-9419)
96. Prof. (Dr.) Gagandeep Raizada presented a paper entitled, "Gandhi and Ambedkar: A Discussion" in the International Seminar on Mahatma Gandhi as perceived by his Contemporaries' at DAV College, Amritsar, on March 10, 2018
97. Dr. Rajni Khanna presented papers at; Attitudes towards Environmental Concerns in DGHE Sponsored National Seminar on Waste Management in India : A Challenge to Cleanliness organized by Chemistry and Life Sciences Departments, Arya Kanya Mahavidyalaya, Shahabad Markanda (Haryana) on February 16, 2018.
98. A Comparative Study of Educational Ideas of Tagore and Gandhi in One Day International Seminar on Mahatma Gandhi as Perceived by his Contemporaries organized by PG

Department of History /Travel &Tourism : Under the Aegis of Gandhian Studies Centre
UGC Sponsored Epoch Making, DAV College, Amritsar on March 10, 2018.

99. Mosquito Repellants and Human Health in National Conference on Recent Trends in Advanced Materials and Applications (RTMA – 2018) organized by PG Department of Physics and Electronics, DAV College, Amritsar on April 11, 2018.
100. Prof. R.K.Jha Participation 3-Day Seminar on “scientific and Technical Terminology Commission” Organised by Ministry Of Human Resource Development, New Delhi, October 10-12, 2018.
101. Prof. Ashu Vij A review on Geodesic on a developable International Conference and 14th biennial conference of ISIAM February 2-4, 2018 at GNDU. Amritsar.
102. Prof. Ashu Vij Moral philosophy of non-violence of Mahatma Gandhi and Abdul Gaffar Khan UGC sponsored international seminar on Mahatma Gandhi as perceived by his contemporaries March 10, 2018 at P.G. department of History, D.A.V. College, Amritsar
103. Prof. Dr. Vikram Sharma Nonuniform MRA in Sobolev space International Conference and 14th biennial conference of ISIAM February 2-4, 2018 at GNDU. Amritsar.
104. Prof. Sania and from department of commerce and management attended International seminar organized by Department of History.
105. Prof. Taman from department of commerce and management attended International seminar organized by Department of History.
106. Prof. Kapil Goyal, Presented paper in International Conference at Ferozepur Engineering College, Ferozeshah on August 25, 26, 2018.

Annexure-vi

The working of the teaching departments is completely decentralized in the college. All the decisions regarding teaching learning process in any subject are taken at the departmental level. Subject Co-ordinator is appointed wherever there is more than one teacher teaching the same subject. He/She coordinates with other teachers for uniform implementation of teaching learning process in all the sections. Senior most teachers teaching a class is appointed as Class Co-ordinator. Schedule of work is distributed to all the students of the college and it is strictly followed by all the teachers. Decisions regarding remedial / merit classes are taken by Principal on recommendation of College Registrar and concerned Head of the Department. All this leads to improvement of the teaching learning process.

2.13 Initiatives undertaken towards faculty development

Annexure-vii

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|--|
| Refresher courses | 1 (BT), 1 (Phy) |
| UGC – Faculty Improvement Programme | |
| HRD programmes | 1(History) |
| Orientation programmes | 1(Hist) |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | 1(Phy) |
| Summer / Winter schools, Workshops, etc. | 1 (Chem) |
| Others (Pre-PHD Work) | 12 (Chem) , 1 (Eco) , 1 (Commerce), 3 (CS) |

Annexure-vii

(FDP/WORKSHOP/SEMINAR)

| No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
|---|--|--|
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| Refresher Course in Physics; University of Jammu; Jammu | 01 (Dr Neerja Kalia) | 03-24 August 2017 |
| Short term course on ‘Safety Aspects in the Research Application of Ionizing Radiation RA-49 | 01 (Dr Vibha Chopra) | 22-30 January 2018 |
| General Orientation Course organized by Human Resource Development in Guru Nanak Dev University | 01(Dr. Shilpi Seth) | June 17 to July 13, 2017 |
| Awarded Ph.D. degree in the field of Economics and Business entitled, “An Empirical Analysis of the Impact of Intellectual Property Rights on Indian Trade” | 01 (Dr) Gagandeep Raizada | 31/05/2018 |
| Participated in 7 day National Workshop on Animal Cell Culture organized by HRDC, GNDU, Amritsar | 01 Dr. Munish Gupta | 8 th -14 th May 2018 |

| | | |
|---|---|-------------------------------------|
| Attended workshop entitled “scientific workshop on principales, chemical and biological applications of nmr” to be held at , GNDU,Amritsar | 01Dr. Raghu Raj | 13-03-2018 to 17-03-2018. |
| Faculty Development Programme on Effective use of ICT in Transforming Traditional Learning and Development of MOOCs organized by Thapar University, Patiala | 02Prof. Vinod Malik and Prof. Rohit Sharma | 01-06-2018 to 03-06-2018 |
| Refresher Course entitled “ Experimental approaches to Molecular Microbiology and Cell Biology ” School of life sciences, Manipal University, Manipal | 02Dr Vikas Gupta | 20 November 2017 to 2 December 2017 |
| Two days Workshop Organized by Department of Science & Technology, Govt. of India at New Delhi during International Conference on “ Global Conference on Cyber Space ”GCCS -2017. | 01 Prof. Kapil Goyal | Nov. 23-24, 2017 |
| Three Days National Seminar on ‘Contemporary Challenges to Social Sciences’ organised by Faculty Development Centre, Guru Nanak Dev University, Amritsar | 01 Dr. Gaurav Sharma | 28.03.2018 to 30.03.2018 |
| | | |

Criterion – III

3. Research, Consultancy and Extension

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

The affiliating University, Guru Nanak Dev University, Amritsar doesn't allow college faculty to act as guide/co-guide of Ph.D scholars. But on the suggestion of IQAC, many science departments have established Research labs and some teachers are working as guide or co-guide for Ph.D or M.Phil students of other Universities. Also IQAC promotes the participation of teachers in seminars / conferences.

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|--------------------------|------------|-----------|
| Number | | 1(BT), 1(Chem) | | 2 |
| Outlay in Rs. Lakhs | | 22,41,180, 19.65 Lakh | | - |

Dr Rupinder Kaur:-

1. Awarded major research project entitled, “Sustainable management of heavy metal pollution for better health with cost effective green clean and eco-friendly technology” vide sanction no- SP/YO/099/2017 (G) at a total cost of Rs.22, 44,180 from DST, New Delhi.

Submitted

1. Creating Awareness among school children of district Amritsar about eco-wash techniques through participatory media approach submitted to NCST, DST, New Delhi.
2. Creating Awareness among Women and Adolescent Girls of Slums in Amritsar on Nutrition, Preventive Health Measures & Hygiene through Training, Motivational & Educational sessions submitted to NCSTC, DST, New Delhi

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|--------------------|-----------|
| Number | 1 | 1 | 6 | 1 |
| Outlay in Rs. Lakhs | 1,15000 | 6 Lakhs | 105000+1375 000 | 6 Lakhs |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 49 | 44 | - |
| Non-Peer Review Journals | 59 | 38 | - |
| e-Journals | 0 | - | - |
| Conference proceedings | 0 | 7 | - |

Annexure-viii

3.5 Details on Impact factor of publications

Range Average h-index Nos. in SCOPUS

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

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|-------------------------------|----------------------------|---------------------------------|---------------------|
| Major projects | 2016-17, 3 Years (Chem) | SERB, Delhi, | 4 Lakhs 19.65 Lakh (Chem) | 1035000/- (Chem) |
| | 2014-18 4 Years (Phy) | BRNS-Mumbai | 898700 | |
| Minor Projects | | | | |
| Interdisciplinary Projects | - | - | - | - |
| Industry sponsored | - | - | - | - |
| Projects sponsored by the University/ College | - | - | - | - |
| Students research projects (other than compulsory by the University) | 04(BT) | - | - | - |
| Any other(Specify) | 02(BT) | - | - | - |
| Total | | | 1298700 | |
| | | | | |

3.7 No. of books published i) With ISBN No.

16

Chapters in Edited Books

11

ii) Without ISBN No. NIL

Annexure-ix

Annexure-ix

Books Published

Papers published in edited books

Dr. VishavBandhu

1. **Relevance of Mahatma Gandhi in the Contemporary World** (edited) VishavBandhu published by Bookman Publication, Delhi, 2017. ISBN:978-93-86713-09-4.
2. **Historical Perspectives on gender issues in contemporary world** (edited) VishavBandhu published by Bookman Publication, Delhi, 2018. (in press)

Prof. Shilpi Seth

Papers Published in Books with ISBN Number

1. “Gandhi’s Views on Vernacular Language”, VishavBandhu (ed.), *Relevance of Mahatma Gandhi in the Contemporary World*, Bookman Publications, Delhi, 2017. **ISBN: 978-93-86713-09-4.**
2. “Status of Women in India”, VishavBandhu (ed.), *Historical Perspectives on gender issues in contemporary world*, Bookman Publication, Delhi, 2018. (in press)

Dr. BabushaMaingi

1. “Partipolitics in India 1947-2000”, Dr. RupamJasmeetKaur (ed.), *Contemporary India: Issues and Challenges (An Interdisciplinary Approach)*. (In Process of Publication)

Prof. Munish Singh

1. “The Last Battle of Mahatma 1946-1948”, VishavBandhu (ed.), *Relevance of Mahatma Gandhi in the Contemporary World*, Bookman Publication, 2017. **ISBN: 978-93-86713-09-4.**
2. “The History of Prostitution in India: A Study of Ancient to Colonial Period”, VishavBandhu (ed.), *Historical Perspectives on gender issues in contemporary world*. (in press)

Prof. AmandeepKaur

1. “Kudaisan: IkSamikhiya”, VishavBandhu (ed.), *Historical Perspectives on Gender Issues in the Contemporary India*, Bookman Publication, Delhi, (Under Publication).

Dr. Vibha Chopra Publications

1. The Importance of Ionizing Radiations for Thermoluminescence Dosimetry. **Vibha Chopra** and S. J. Dhoble, **Name of Book:** Ionizing Radiation: Advances in Research & Applications, **Editor:** Tamar Reeve, **Published By:** Nova Science Publisher Inc., New York. **ISBN:** 978-1-53613-539-8, **Chapter** -1, **pp**-1-72.
2. Structural and Luminescence Characteristics of $\text{LiNa}_{3-x}\text{P}_2\text{O}_7:x\text{RE}^{3+}$ Tricolor-Emitting Phosphors for White-Light Emission. B. Deva Prasad Raju, N. John Sushma and **Vibha Chopra**, **Name of Book:** Phosphors: Synthesis and applications, **Editors:** Sanjay J. Dhoble, B. Deva Prasad Raju, Vijay Singh, **Published By:** Pan Stanford Publishing Pte Ltd., Singapore. **ISBN:** 978-981-4774-49-9. **Chapter** -3, **pp**- 83-108
3. Optical Analysis of RE^{3+} ($\text{RE} = \text{Eu}^{3+}, \text{Tb}^{3+}, \text{Sm}^{3+}, \text{and Dy}^{3+}$): $\text{Ca}_2\text{Gd}_2\text{W}_3\text{O}_{14}$ Phosphors. S. Sailaja, **Vibha Chopra**, S. J. Dhoble, and B. Sudhakar Reddy, **Name of Book:** Phosphors: Synthesis and applications, **Editors:** Sanjay J. Dhoble, B. Deva Prasad Raju, Vijay Singh, **Published By:** Pan Stanford Publishing Pte Ltd., Singapore. **ISBN:** 978-981-4774-49-9. **Chapter** -7, **pp**-183-218

Dr. Gaurav Sharma

Chapters in Edited Books

1. 'Panchayati Raj in India: Gandhian Perspective' in Rajesh Kumar & Vishwa Bandhu (Eds. 2017). *Debating Gandhi*. Patiala: Twenty First Century. ISBN:9789385449956
2. 'Relevance of Gandhi's Ideas on Gender Equality' in Rajesh Kumar & Vishwa Bandhu (Eds. 2017). *Relevance of Mahatma Gandhi in the Contemporary World* Delhi: Bookman. ISBN:9789386713094

Prof. (Dr.) Gagandeep Raizada

1. Published a research paper on "Evolution of Intellectual Property Rights at International Level, in the book Recent Advances in Business and Economics", June (2017), ISBN No: 978-93-86256-90-4

Prof. Dr. Vishav Bandhu

1. **Relevance of Mahatma Gandhi in the Contemporary World** (edited) VishwaBandhu published by Bookman Publication, Delhi, 2017. ISBN:978-93-86713-09-4.
2. **Historical Perspectives on gender issues in contemporary world** (edited) VishavBandhu published by Bookman Publication, Delhi, 2018. (in press)

Dr. Anita Mahajan

Dr. Anita Mahajan published one book in Physical Chemistry for undergraduate Students. ISBN No 978-93-86655-02-8

Prof. Ravi Sharma has published **3 Book** in (Organic & Inorganic Chemistry for under graduated Students with Kapila Publications and **2 Practical Chemistry Books** for UG students with S. Dinesh Publications

2 CProf. JJ Mohindru has published three Books in Physical & Inorganic Chemistry for undergraduate students with Kapila Publications.

Dr. Raghu Raj

1 Edited a Book Chapter entitled “Anti-Malarial Drug Discovery: New Enzyme Inhibitors” in **Wiley-VCH**, 2017, Pages 277-296; DOI: 10.1002/9783527805921.ch11.

Political Sc.

Dr. Gaurav Sharma

1Legislative Support by Dr. SS Nanda & Dr. Gaurav Sharma (2017). Jalandhar: Modern Publishers. ISBN:9789351849766

2 Public Opinion and Survey Research by Dr. SS Nanda & Dr. Gaurav Sharma (2017). Jalandhar: Modern Publishers. ISBN:9789351849919

Dr. NeerajGutpa

1 Evaluation of Punjabi Diabetic of Population for Thyroid Dysfunctioning., Lambert Academic Publication , ISBN : 978-620-2-00819-8

Prof. Kapil Goyal

1 Digital Commerce 2.0 and Its Applications by Kalyani Publishers ISBN:978-93-272-9538-2

Prof. Balram Singh Yadav

1 Introduction to Web Technologies: ABS Publication 2017 ISBN:978-81-70721802

3.9 For colleges

Autonomy

☐

CPE

☒

DBT Star Scheme

☒

INSPIRE

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Any Other (specify)

SERB,BARC,DST

3.10 Revenue generated through consultancy

Rs. 3,95,000/

The students of BCA/BSc(IT) and MSc(CS) are required to submit a Project Report based on different languages. For the convenience of students the department also runs crash courses of Android Development, ASP.NET. VB.NET and PHP for the students of BCA-VI Sem/BSc(IT)-VI Sem and MSc(CS)-IV Sem for the preparation of their project reports.

The department conducted online entrance test of SRM University, Tamilnadu on 16 & 17 April, 2018. More than 70 computer systems were used in 4 laboratories of the department. 38000/, and Crash Course conducted for 102 students * 3500= 3,57,000.

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|---------------------------|-------|------------|------------------|
| Number | 01 (History) | 01 (Physics) | 0 | 0 | 1 (Computer Sc.) |
| Sponsoring agencies | UGC | BARC, Mumbai, UGC/College | | | College |

Annexure-x

Annexure-x

P G Department of History organized UGC Sponsored, **International seminar** on “**Mahatma Gandhi as perceived by his Contemporaries**”, on March 10, 2018

P G Department of Physics and Electronics organized “**National Conference on Recent Trends in Advanced Materials and Applications (RTMA-2018)**” held at DAV College Amritsar, (India) on April 11th, 2018.

P G Department of Computer Sc. & IT along with Ministry of Communication and IT, Govt. of India remotely organized **International Webinar (Pre-event)** ceremony as runup events at **5TH GCCS-2017** on 4 Identified themes on “**CYBER 4 ALL**” on **November 23, 24, 2017**.

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

21

Annexure-xi

1. Dr Rupinder Kaur department delivered a talk,” Biotechnology: A revolutionary Science “ in DST INSPIRE Science camp at Baba Farid Institute of Science and Technology, Bathinda on June 29, 2018.(National Level)
2. Dr Vikas Gupta delivered a guest lecture on “Genetically Modified Organisms “in DBT sponsored Popular Lecture Series at Swami Satyanand College, Amritsar on 22 February 2018.
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- 5 Qjoh 2018 eas vk;Z txr~ ^izfrf"Br lekpkj i= vk;Z izknsf'kd izfrfuf/k lHkk] u;h fnYyh] ds mnwZ laLdj.k eas vuwfnr 'kks/kkysÂA fo"k; % ;qx nz"Vk iz.ksrk ,oa izfrf"Br dye;ksxh% egkRek vkuan Lokeh

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1- 7 flracj dks fgUnh foHkkx ds varxZr fo|kfFkZ;ksa }kjk i= [ysÂu@Hkk"K.k](mailto:ysÂu@Hkk) izfr;ksfxrk, j djokbZ xbZA

2- 12 flracj dks ^ikfjHkkf"kd 'kCnkoyh** izfr;ksfxrk IEiUu djokbZ xbZ rFkk ^fgUnh jkstxkjsUeqÂ** fo"k; ij O;k[k;ku djok;k x;kA ftleas xq:ukud nso fo'ofok; ve`rlj ds fgUnh foHkkx ds MkW-lquhy dqekj eq[;oDrk ds :i eas mifLFkr gq;sA

Prof. Ravi Sharma

1. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017
2. Delivered a talk as resource person on In-Service Course of PGT Chemistry on 28-5-2018 at KV-2 RCF Hussainpur (Kapurthala) on Nucleophilicity E Nucleophilic Substitution Reaction

Prof. JJM

3. Organized an activity on the topic 'Sharpening of MCQ Skill for entrance exam' on 24th Feb. 2018 to prepare degree students for competitive exams.
4. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017

Prof. Rajesh Mittu

5. Organized Students Centric competition on the topic 'Theoretical Aspects of Experimental Chemistry' on 26th Oct. 2017 for benefiting students in forthcoming examinations and interviews.
6. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017

Dr. Munish Gupta

7. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017.

Dr. Raghu Raj

8. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017

Prof. Mehak Sharma

9. Delivered a Practical Session in the Inspire Programme' of DST, Govt. of India, organized by DAV College, Amritsar from 3rd -7th Nov. 2017

Prof. Shilpi Seth acts as Expert

10. Visited MKD DAV Public School, Atari as an expert of Social Sciences Interview in June 2018.
11. Editor of Social Sciences Section in the college Magazine "Indradhanush" in the session 2018 DAV College, Amritsar.

Dr. Baboosha delieverd Invited Lectures

12. "Urbanisation in Dhariwal Town" lecture delivered at HKMV College, Dhariwal on February 09, 2018 and "Village to town Formation of Dhariwal Town" lecture delivered at HKMV College, Dhariwal on August 14, 2017
13. Appointment as a **Paper Setter and Examiner** at Khalsa College, Amritsar on July 27, 2018.

Prof. Munish Singh

14. Member of *Board of advisor* to the Research Journal of “**Sikhs: Past & Present**”
(Research journal of G.N. Research institute, Birmingham, ENGLAND) July 2018. ISSN 2517-7613
15. **Prof. Surinder Kumar**, HOD was invited as Panelist by All India Radio, Jalandhar in a panel discussion on ‘National Integration’ broadcasted on 25.11.2017 from 0900 hrs to 0930 hrs.
16. **Prof. Surinder Kumar**, HOD was invited in a talk on ‘Caste Politics’ by Dainik Jagran, Jalandhar on 08.01.2018 and same was published in Dainik Jagran newspaper on 09.01.2018.
- 19 **Prof. Vikram Sharma** organized Live Webinar for Post graduate Students during International conference GCCS- 2017 on Nov 23, 24.
- 20 **Prof.R.K.Jha** acted as Resource Person at **INSPIRE** Internship Camp November 3-7, 2017 by DST, Govt. Of India
- 21 **Prof Madan Mohan** acted as Resource Person **INSPIRE** Internship Camp November 3-7, 2017 by DST, Govt. Of India

3.13 No. of collaborations

International/National/Any other

P G Department of Computer Sc. & IT has collaborative with International consortium like **Adobe Inc., UNESCO and GCSF**; Department participated at “Global Cyber Security Forum” and successfully organized International Literacy Day (ILD) on September 8, 2017.

P G Department of Computer Sc. & IT along with Ministry of Communication and IT, Govt. of India actively participated in **GCCS Webinar (Pre-event)** ceremony as runup events at **5TH GCCS 2017** on November 23, 24 on Identified themes on “**CYBER 4 ALL**”

GCCS Team is organising world wide webinars
on 4 identified themes on

CYBER4ALL

| Date | Name of the Speakers | Theme | Topic |
|-------------|---|----------------------------|--|
| 1 November | Srivatsan Parthasarathy Partner, Deloitte | Cyber4Growth | Cyber Risk & Security |
| 8 November | Prof. Dr. Deepak B. Phatak IIT, Bombay | Cyber4Digital Inclusion | Digital Inclusion for differently abled persons in India |
| 15 November | Raj Samani Chief Scientist, McAfee | Cyber4Security | Appetite for Destruction |
| 16 November | David Homa Director, Harvard Business School | Cyber4Diplomacy | Digital Initiatives |

2018-9-9 13:39

3.14 No. of linkages created during this year

15

1. P G Department of Commerce and Management in collaboration with “**SEBI Certified Stock Exchange Workshops**” organized workshop on November, 2017 and February, 2018.
2. P G Department of Commerce and busuiness management created **Young Inverstor Forum**. More than 30 students joined the forum

Department of Bio-Technology

1. Students of B.Sc Biotechnology Sem-V conducted research and presented their research work-:

Poster session of International Conference on Clinical Research 2017 organized by Baba Farid University of Health Sciences and Research on 8th-9th September 2017. Overall 03 projects were undertaken out of which 02 bagged positions.
2. First prize was bagged by Riya Kapoor, Tarandeep, Pooja and Tania for poster entitled “screening of Anti- microbial activity of leaf extract of Pongamia pimata against bacterial and fungal species”.

3. Second prize was bagged by Manpreet, Rohit, Jaspreet and Gurpreet for poster entitled “Analysis of Ethno Botanical, Anti Bacterial and Anti Fungal potential of leaf extract of Terminalia arjuna”
4. Ashima Ghatak, Rebekah Amar, Upasna Mahajan presented paper entitled,” to test the potency of Azadirachta Indica Linn. leaf extract to resist the effectiveness of bacteria and fungi at different concentrations of extract.
5. Poster presentation in “Techzone Science Fest” organized by Shanti Devi Arya Mahila College, Dinanagar dated 24th October 2017
6. Second prize was bagged by Karanvir Singh and Yuvraj Singh poster entitled “Antimicrobial activity of leaf extract of Eucalyptus globules. L”

Any Others:-

| Name of event | Date | Funding Agency | Amount |
|---|--------------------|---------------------------|----------|
| INSPIRE Science Camp (Five Days) | To be held in 2018 | DST, Govt of India | 13 Lakh |
| International Biodiversity Day | 28 May 2018 | Punjab Biodiversity Board | 20,000/- |

| | | | | |
|--|-----------------|---------------------------------|-------------------------------|-------------------------------|
| Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc., | | | | |
| Name of the capability enhancement scheme | | Date of implementation | Number of students enrolled | Agencies involved |
| Remedial Coaching to B.Sc. Sem-I and students of B.Sc. (N.M./C.Sci.) Sem III & V having compartment in Physics | | ----- | 25 | ----- |
| | | | | |
| No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | | | |
| Title of the professional development programme | | Number of teachers who attended | | Date and Duration (from – to) |
| Refereshar Course in Physics; University of Jammu; Jammu | | 01 (Dr NeerjaKalia | | 03-24 August 2017 |
| Short term course on ‘Safety Aspects in the Research Application of Ionizing Radiation RA-49 | | 01 (Dr Vibha Chopra) | | 22-30 January 2018 |
| | | | | |
| Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: | | | | |
| Year | Name of teacher | Name of conference/ | Name of the professional body | Amount of |

| | | | | |
|------|-------------------|--|--------------------------------------|---------|
| | | workshop attended for which financial support provided | for which membership fee is provided | support |
| 2018 | Dr. NarinderArora | National Conference on Current Advances in Physical Sciences, Khalsa College, Amritsar | DAV College, Amritsar | 500/- |

P G Department of Physics and Electronics collaboration;

| Collaborations | | | | |
|--|--|---|-----------------------------|---------------------|
| Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | | |
| Nature of Activity | | Participant | Source of financial support | Duration |
| Research | | Dr. Ajay Kumar | BRNS | 4 years (2014-2018) |
| Research | | Dr. NarinderArora | -No- | 2017 onwards |
| | | | | |
| Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | | |
| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration (From-To) | Participant |
| Research | Radiation Protection, Environment Radioactivity, Dosimetry | NIT, Jalandhar | 2013-Contd | Dr. Ajay Kumar |
| Research | Radiation Protection, Environment Radioactivity, Dosimetry | GNDU, Amritsar | 2013-Contd | Dr. Ajay Kumar |
| Research | Radiation Protection, Environment Radioactivity, Dosimetry | PTU, Jalandhar | 2013-Contd | Dr. Ajay Kumar |
| Research | Radiation Protection, Environment Radioactivity, Dosimetry | Guru Kashi University, TalwandiSabo | 2015-Contd | Dr. Ajay Kumar |
| Research | Preparation and Characterization of gel electrolytes: Applications | G.G.D.S.D. College, Hoshiarpur | 2014-Contd | Dr. NarinderArora |
| Research | Preparation and Characterization of gel electrolytes: Applications | Thapar institute of Eng. and Tech., Patiala | 2014-Contd | Dr. NarinderArora |
| Research | Preparation and Characterization of gel electrolytes: Applications | Khalsa College, Amritsar | 2014-Contd | Dr. NarinderArora |
| Sharing of Research Facilities | Synthesis of Radiation dosimeters | University of Ports Mouth-UK | 2018 onwards | Dr Vibha Chopra |
| Sharing of Research | Synthesis of Radiation dosimeters | Free State University; SouthAafrica | 2017 onwards | Dr Vibha Chopra |

| | | | | |
|--------------------------------|-----------------------------------|--|--------------|-----------------|
| Facilities | | | | |
| Sharing of Research Facilities | Synthesis of Radiation dosimeters | RTM Nagpur University, Nagpur | 2015 onwards | Dr Vibha Chopra |
| Sharing of Research Facilities | Synthesis of Radiation dosimeters | Radiochemistry Division; BARC, Mumbai | 2016 onwards | Dr Vibha Chopra |
| Sharing of Research Facilities | Synthesis of Radiation dosimeters | Inter University Accelerator Centre, New delhi | 2008 onwards | Dr Vibha Chopra |
| Sharing of Research Facilities | Synthesis of Radiation dosimeters | Guru Nanak Dev University, Amritsar | 2008 onwards | Dr Vibha Chopra |

| Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc., | | | |
|--|------------------------|-----------------------------|-------------------|
| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved |
| Remedial Coaching to B.Sc. Sem-I and students of B.Sc. (N.M./C.Sci.) Sem III & V having compartment in Physics | ----- | 25 | ----- |

3.15 Total budget for research for current year in lakhs:

From funding agency

SEPB Delhi,
BRNS Mumbai

From Management of University/College

Need based

Total

1298700

3.16 No. of patents received this year

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

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

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

Awarded Travel Grant to attend international Symposium in Tiawan from DST, INDIA

| <i>Name of full time teachers receiving awards from state level, national level, international level</i> | <i>Designation</i> | <i>Name of the award, fellowship, received from Government or recognized bodies</i> |
|--|----------------------------|--|
| Dr Vibha Chopra | Assistant Professor | Young Scientist Award (by: Venus International Foundation, Chennai) |

3.18 No. of faculty from the Institution who are Ph.D Guides

2

Faculty who are Ph.D Guides: - 1. Dr. Ajay Sharma, Department of Physics.

1. Dr. Narinder Arora. Physics Dept.

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

3

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

JRF 2 SRF 2 Project Fellows 01 Any other 01

Any Other (Technical Assistant)- Sumit Sharma is working on project entitled “A Comprehensive study on natural radiations levels in the environs of Jammu & Kashmir areas of North West Himalyas, India” worth Rs 34, 81,550/- from Department of Atomic Energy BRNS Secretariat (Mumbai) sanction to Dr. Ajay Sharma.

Vikas Behl, Assistant Professor, PG Department of Commerce & Management

Topic: Changing Features of the Retail Industry in India and China: A Comparative Study
Amount Sanctioned Rs: 1,05,000. Duration 2 Years

3.21 No. of students Participated in NSS events:

| | | | |
|------------------|----------------------------------|---------------------|----------------------------------|
| University level | <input type="text" value="45"/> | State level | <input type="text" value="80"/> |
| National level | <input type="text" value="Nil"/> | International level | <input type="text" value="Nil"/> |

3.22 No. Of students participated in NCC events:

| | | | |
|------------------|----------------------------------|---------------------|----------------------------------|
| University level | <input type="text" value="200"/> | State level | <input type="text" value="Nil"/> |
| National level | <input type="text" value="10"/> | International level | <input type="text" value="Nil"/> |

No. of Awards won in NSS:

| | | | |
|------------------|----------------------------------|---------------------|----------------------------------|
| University level | <input type="text" value="02"/> | State level | <input type="text" value="Nil"/> |
| National level | <input type="text" value="Nil"/> | International level | <input type="text" value="Nil"/> |

3.24 No. of Awards won in NCC:

| | | | |
|------------------|----------------------------------|---------------------|----------------------------------|
| University level | <input type="text" value="200"/> | State level | <input type="text" value="Nil"/> |
| National level | <input type="text" value="10"/> | International level | <input type="text" value="Nil"/> |

3.25 No. of Extension activities organized

| | | | |
|------------------|----------------------|---------------|---------------------------------|
| University forum | <input type="text"/> | College forum | <input type="text" value="25"/> |
| NCC | <input type="text"/> | NSS | <input type="text"/> |
| | | | |
| | | | Any other <input type="text"/> |

A departmental activity “To Explore” was organized one day Intra-Department Science Festival “**Explore**” on 17th August, 2017 August Students of the department participated

with full jest and zeal in the host of events like Brain worm, Catch the dash, Aage Kuan Peeche Khai and Unleash the Secret. The main motive of the festival was to carve out the hidden talent among the students and appreciate their hard work. In addition, free books were distributed to the students who brought laurels to the college by securing merit positions

Department of Political Science celebrated the NATIONAL VOTERS' DAY on 25.01.2018 in collaboration with NSS Department, DAV College, Amritsar.

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

Annexure-xii

3.4 Details on research publications

| | International | National | Others |
|--------------------------|----------------------|----------|--------|
| Peer Review Journals | 1 (Pol Sc), 40 (Phy) | 10 (Phy) | - |
| Non-Peer Review Journals | 10 | - | - |
| e-Journals | 0 | - | - |
| Conference proceedings | 0 | 5 | - |

Annexure-viii

Annexure-viii

Department of Botany.

Research Publications in National /International Journal

1. **Department of Political science:** Dr. Gaurav Sharma published paper titled ‘Trends and Turbulence in the Emergence of Global Political Economy’ In: **World Wide Journal of Multidisciplinary Research and Development: E-ISSN 2454-6615 (IF: 4.25)**
2. **Department of Physics:** Prof. Sameer Kalia (HOD) published following papers
3. Mobility modulation in low carrier concentration organic semiconducting thin films by varying disorder parameters Sameer Kalia, Aman Mahajan, C. G. Ghansyam, and R. K. Bedi Citation: **Journal of Applied Physics** 121, 225501 (2017)....**Peer reviewed, ISSN: 1089-7550, Impact Factor: 2.1**
4. Anisotropic charge transport properties in boron sub phthalocyanine chloride thin films Sameer Kalia, Aman Mahajan, C. G. Ghansyam, A. K. Debnath, Vibha Saxsena, D. K. Aswal, and R. K. Bedi, **Journal of Applied Physics** 121, 095501 (2017).... **Peer reviewed, ISSN: 1089-7550, Impact Factor: 2.1**
5. Deepawali Arora, ,...Sameer Kalia, Neerja kalia...D.P. Singh, Effect of dilute concentrations of Sm on the temperature dependent electrical and dielectric properties of ZnO, **J. Amer. Ceramic Society**; 101 (2018).
6. **Narinder Arora***, Viney Sharma, Rajesh Kumar, Rajiv Kumar. Conductivity modification of gum acacia based gel electrolytes. *Emerging Materials Research*, 7(2) (2018) 89-94, <https://doi.org/10.1680/jemmr.17.00011>.
7. **Narinder Arora***, Simranjit Singh, Rajiv Kumar, Rajesh Kumar, Anita Kumari. Ionic conductivity, SEM, TGA and rheological studies of Nano-dispersed silica based polymer

gel electrolytes containing LiBF_4 . *Solid State Ionics* – 317C (2018) 175-182. DOI: 10.1016/j.ssi.2018.01.02

8. Effect of nano-dispersed silica on the ion-conducting behavior of PMMA-based polymer gel electrolytes containing LiPF_6 . “*Ionics*”: The Science and Technology of Ionic Motion, 2017. DOI: 10.1007/s11581-017-2038-5. **Peer reviewed, ISSN: 0947-7047, Impact Factor: 2.062.**
9. Manpreet Kaur, Ajay Kumar, Rohit Mehra and Rosaline Mishra(2018)Human health risk assessment from exposure of heavy metals in soil samples of Jammu district of Jammu & Kashmir, India. *Arabian Journal of Geosciences*<https://doi:10.1007/s12517-018-3746-5>. (IF = 0.86).
10. Amanjeet Singh, Ajay Kumar and Suneel Kumar (2018) Seasonal variation of indoor radon-thoron levels in dwellings of four districts of Haryana, India. *Science and Technology for the Built Environment*.<https://doi.10.1080/23744731.2018.1500395>. (IF = 1.183)
11. Sumit Sharma, Ajay Kumar, Rohit Mehra and Rosaline Mishra (2018) Assessment of Soil Gas Radon and Exhalation Studies in Lower Himalayan Region of Jammu and Kashmir State, India.July 2018 *Pure and Applied Geophysics*<https://doi:10.1007/s00024-018-1944-4>.(IF = 1.65).
12. Manpreet Kaur, Ajay Kumar, Rohit Mehra, Rosaline Mishra, and Navjeet Sharma (2018) Assessment of primordial and anthropogenic radionuclide contents in the soil samples of lower Himalayas of Jammu & Kashmir, India. *Journal of Radioanalytical and Nuclear Chemistry* 317(2): 1165-1174 (IF = 1.81).
13. Manpreet Kaur, Ajay Kumar, Rohit Mehra and Rosaline Mishra (2018)Comparative study of $^{222}\text{Rn}/^{220}\text{Rn}$ progeny concentration and estimation of age-dependent dose due to inhalation of radon progeny for different body organs. *Human and Ecological Risk Assessment* 24(2): 534-550 (IF = 1.31).
14. Sumit Sharma, Ajay Kumar and Rohit Mehra (2018) Age-Dependent Inhalation dose due to exposure of short lived progeny of radon and thoron for different age groups in Jammu & Kashmir, Himalayas. *Radiation Protection Dosimetry*<https://doi:10.1093/rpd/ncy084> (IF=0.82).
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27. **Ajay Kumar**, Raman Vij, Amit Sarin and Priya Kanwar (2017) Radon and Uranium concentration in drinking water sources along the fault line passing through Reasi District, Lesser Himalayas of Jammu and Kashmir State, India. **Human and Ecological Risk Assessment** <https://doi:10.1080/10807039.2017.1336426>. (IF = 1.31)
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67. Meetu Singh, Neerja Sharma, H.S. Paras, N.S. Hans, Amit sarin, Antioxidative potential of *Phyllanthus emblica* for oxidation stability of Biodiesels, Environmental progress and sustainable Energy (Accepted)
68. **Prof Sania Arora** Published Paper on “Communication Strategies for promotion of hotel industry in Punjab Journal Academia and Society February 2018 (ISSN NO 2393-9419)
69. Published Paper on “Digitization of hotels in phase of Demonetization during 2-day International Conference held at GGN Institute of Management and Technology, Ludhiana, Punjab. (ISBNNO 978-93-85835-81-0)
70. Published Paper on “Communication Strategies for promotion of hotel industry in Punjab Journal Academia and Society February 2018 (ISSN NO 2393-9419)
71. **Prof. (Dr.) Gagandeep Raizada** Papers published in UGC approved journals: Published a research paper on “Impact of Intellectual Property Rights on International Trade: Evidence from India”, in Journal of Intellectual Property Rights (CSIR Publication), Volume 22(4), July 2017, ISSN: 0971-7544
72. Published a research paper on “Intellectual Property Rights and the Position of Third World”, in Kautilya-Haryana Economic Journal, Vol. 7(1), July 2017, ISSN: 2249-2879.
73. **Dr Rupinder Kaur** from Department of Biotechnology published paper “Effect of Gamma Irradiation on Cyto-morphology, Total Phenolic content and Antioxidant activity of *Calendula* J. of Hill Agriculture”, 8(4):395-402
74. **Dr. Neeraj Gupta** (2017) Use of Fish Scales as a Tool for Research: Review - Journal of Environmental Science and Technology, 4(6), 105 – 107.
75. **Neeraj Gupta (2017)** Ultrastructure of the Scales of *Channapunctatus*: A Fresh Water Fish in Journal of Environmental Science and Technology, 3(6), 121 – 124

76. **Prof. Kapil Goyal** from Department of Computer Sc. & IT published one paper in Referred International Journal on ITSI Transactions on Electrical and Electronics Engineering (ITSI-TEEE) ITSI-TEEE ISSN Print: 2320-8945 on Digital Banking.
77. **Prof. Rama Bhardwaj** and Hardeep Singh. (April, 2018). Modeling the effects of Intellectual Capital on Decision Making – A Study of Interaction Moderation with Knowledge Management Process. International Journal of Computer Applications, 180(35), 37-58.
78. **Prof. Rama Bhardwaj** and Hardeep Singh. (July, 2018). Prevalence of Knowledge Management in E-Governance. Journal of Management Outlook, 8(1), 3-14 [IARC Impact FACTOR=0.661]
79. **Prof. Sunny Thukral** published a paper in Journal of ZENITH International Journal of Multidisciplinary Research titled, “Data Filtration in Neuro-Fuzzy System using Matlab”. ISSN 2231-5780, Vol.-8 (6) June-2018, pp. 188-197.
80. **Prof. Renu Sharma** published a paper titled “Survey of Challenges in Development of IOT (Internet of Things)”, March-2018
81. **Assistant Prof. Renu Sharma** published a paper in Journal of International Journal of Advanced Research in Computer Science titled, “Survey on Interoperability issues in Development of Smart Homes”. April-2018.
82. **Assistant Prof. Renu Sharma** published a paper in Journal of International Journal of Computer Sciences and Engineering titled, “Security issues in IOT enabled Health Monitoring”. Vol.-6, Issue-5, May-2018.
83. Prof. Amanjot Kaur published paper in “Nutritional and Medicinal value of *Moringa oleifera*” **International Journal of Scientific Research in Biological Sciences (ISROSET)** “Vol.5, Issue.3, pp. 46-50, June (2018) ISSN/ISBN No. 2347- 7520
84. Prof. Amanjot Kaur International Journal for Research in Engineering Application & Management (IJREAM) Vol-04, Issue-04, July 2018 An overview of Phytoremediation: An environmental friendly ISSN/ISBN 2454-9150

Department of Mathematics

85. International Journal of Mathematical Archive (IJMA) UGC Sr No. 47756, On Geometric Interpretation of the Simplex Method: A Review pp. 213-218, 2229- 5046.
86. International Journal of Statistics and Applied Mathematics (IJSAM) UGC Sr. No. 64336, An alternative of converting feasible solution into basic feasible solution of linear programming problem pp 50-53, 2456-1452
87. International journal of scientific research in mathematical and statistical sciences UGC Sr. No.63061, Bulk queue model with two phase's service, unreliable server and m phase of repair, 2348-4519
88. International Journal for Research in Engineering Application & Management (IJREAM) UGC Sr. No.64077, Refinements and generalizations of Gauss Lucas theorem, 2454-9150

Annexure-ix

Books Published

Dr. Ashu Vij

| MATHEMATICS | | | 01 | | | |
|-------------|-----------------------|-------------------------------------|----------------------------|--|--|--------------|
| Sr. No. | Title of book | Publisher | ISSN/ ISBN No. | No. of co- authors and Date of publication | Whether you are the main author | API Score |
| 1. | Numerical Analysis | Shrama Publications Jalandhar | ISBN-978-93- 81261-60-6 | 03 co-authors | No | 4.5 |
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Papers published in edited books

Prof. Dr. Gagan Deep from Economics Department Published a research paper on “Evolution of Intellectual Property Rights at International Level, in the book Recent Advances in Business and Economics”, June (2017), ISBN No: 978-93-86256-90-4

Prof. Dr. Vibha Chopra from Physic Dept. Published 03 Chapters in Edited books

Prof. Dr. Vishav Bandhu

Relevance of Mahatma Gandhi in the Contemporary World (edited) VishwaBandhupublished by Bookman Publication, Delhi, 2017. ISBN: 978-93-86713-09-4.

Historical Perspectives on gender issues in contemporary world (edited) VishavBandhu published by Bookman Publication, Delhi, 2018. (In press)

Dr. Anita Mahajan published one book in Physical Chemistry for undergraduate Students

Prof. Ravi Sharma has published 3 Book in (Organic & Inorganic Chemistry for under graduated Students with Kapila Publications and 2 Practical Chemistry Books for UG students with S. Dinesh Publications

Prof. JJ Mohindru has published three Books in Physical & Inorganic Chemistry for undergraduate students with Kapila Publications.

Dr. Raghu Raj

Edited a Book Chapter entitled “Anti-Malarial Drug Discovery: New Enzyme Inhibitors” in **Wiley-VCH**, 2017, Pages 277-296; DOI: 10.1002/9783527805921.ch11.

Political Sc. Books with ISBN

1. Legislative Support by Dr. SS Nanda & Dr. Gaurav Sharma (2017). Jalandhar: Modern Publishers. ISBN:9789351849766
2. Public Opinion and Survey Research by Dr. SS Nanda & Dr. Gaurav Sharma (2017). Jalandhar: Modern Publishers. ISBN:9789351849919

Chapters in Edited Books

3. ‘Panchayati Raj in India: Gandhian Perspective’ in Rajesh Kumar & Vishwa Bandhu (Eds. 2017). *Debating Gandhi*. Patiala: Twenty First Century. ISBN:9789385449956
4. ‘Relevance of Gandhi’s Ideas on Gender Equality’ in Rajesh Kumar & Vishwa Bandhu (Eds. 2017). *Relevance of Mahatma Gandhi in the Contemporary World* Delhi: Bookman. ISBN:9789386713094

Dr. NeerajGutpa

Evaluation of Punjabi Diabetic of Population for Thyroid Dysfunctioning.

Papers Published

Dr. Neeraj Gupta

2017 – Use of Fish Scales as a Tool for Research: Review - Journal of Environmental Science and Technology, 4(6), 105 – 107.

2017 – Ultrastructure of the Scales of *Channapunctatus*: A Fresh Water Fish in Journal of Environmental Science and Technology, 3(6), 121 – 124.

Prof. Kapil Goyal

Book Publication:

1. Digital Commerce 2.0 and Its Applications by Kalyani Publishers ISBN:978-93-272-9538-2

Prof. Balram Singh Yadav

Book Publication:

1. Introduction to Web Technologies: ABS Publication 2017 ISBN:978-81-70721802

Prof. Dr. Neeraj Gutpa

Evaluation of Punjabi Diabetic of Population for Thyroid Dysfunctioning.

Papers Published

2017 – Ultrastructure of the Scales of *Channapunctatus*: A Fresh Water Fish in Journal of Environmental Science and Technology, 3(6), 121 – 124

Books Published with ISBN

Prof. Vikram Chowdary

| S. No. | Title of the Book | Type of Book | Publisher | ISBN No. |
|--------|--|--------------|----------------------------|------------------------|
| 1 | Business Economics | Text Books | Raj Publishers, Jalandhar, | ISBN 978-93-84772-08-6 |
| 2 | Statistics for Business | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-32-1 |
| 3 | Business Statistics | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-13-0 |
| 4 | Managerial Economics | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-09-3 |
| 5 | Macro Economics | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-05-5 |
| 6 | International Economics and Public Finance | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-17-8 |
| 7 | Micro Economics | Text Book | Raj Publishers, | ISBN 978-93-84772- |

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|----|-------------------------------------|-----------|----------------------------|------------------------|
| | | | Jalandhar, | 30-7 |
| 8 | Quantitative Methods for Economists | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-15-4 |
| 9 | Statistical Analysis for Business | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-34-5 |
| 10 | International Business | B.Com III | Raj Publishers, Jalandhar, | ISBN 978-93-84772-43-7 |
| 11 | Quantitative Techniques I | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-42-0 |
| 12 | Quantitative Techniques II | Text Book | Raj Publishers, Jalandhar, | ISBN 978-93-84772-14-7 |
| 13 | Quantitative Techniques-III | Text Book | Raj Publishers, Jalandhar | ISBN 978-93-84772-42-0 |
| 14 | Quantitative Techniques-IV | Text Book | Raj Publishers, Jalandhar | ISBN 978-93-84772-14-7 |
| 15 | Quantitative Techniques-V | Text Book | Raj Publishers, Jalandhar | ISBN 978-93-84772-31-4 |
| 16 | Quantitative Techniques-VI | Text Book | Raj Publishers, Jalandhar | ISBN 978-93-84772-19-2 |

| Name | Name of Book | Class | University | ISBN No. |
|-------------------|------------------------------|--------------|------------|-------------------|
| Dr. Anita Mahajan | Kapila 's Physical Chemistry | B.Sc-III Sem | GNDU | 978-93-86655-02-8 |

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|--------------------|-------------------------------|--------------|--------------------|-------------------|
| | | | University | |
| Prof. Ravi Sharma | Kapila Organic Chemistry | B.Sc-I Sem | Punjabi University | 978-93-86655-03-5 |
| | Kapila Organic Chemistry | B.Sc-III Sem | Punjabi University | 978-93-86655-04-2 |
| | Kapila Organic Chemistry | B.Sc-V Sem | Punjabi University | 978-93-86655-05-9 |
| | Kapila Inorganic Chemistry | B.Sc-III Sem | Punjabi University | 978-93-86655-08-0 |
| | Kapila Inorganic Chemistry | B.Sc-V Sem | GNDU University | 978-93-86655-00-4 |
| Prof. J J Mohindru | Kapila 's Inorganic Chemistry | B.Sc-I Sem | Punjabi University | 978-93-86655-06-6 |
| | Kapila 's Physical Chemistry | B.Sc-III Sem | Punjabi University | 978-93-86655-10-3 |
| | Kapila 's Inorganic Chemistry | B.Sc-I Sem | GNDU University | 978-81-925888-5-8 |
| | Kapila 's Inorganic Chemistry | B.Sc-II Sem | GNDU University | 978-81-925888-3-4 |
| | Kapila 's Inorganic Chemistry | B.Sc-IV Sem | GNDU University | 978-81-925888-7-2 |
| | Kapila 's Physical Chemistry | B.Sc-III Sem | GNDU University | 978-93-86655-02-8 |
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Annexure-xii

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

1 **Women Empowerment and Grievances redressal** Cell of college, conducted various activities under the dynamic leadership of Associate Professor, Punjabi department **Dr.Parveen Thakur**.

2. Women Empowerment and Grievances Redressal cell of DAV College, Amritsar has a prized and precious space in district administration's ventures to work for the cause of women. Dr (Mrs.) Parveen Thakur attended one workshop on the sexual harassment of women at workplace (Prevention, Prohibition and Redressal) that was organized by city administration on Oct 3, 2017 at Govt. Senior secondary school (girls) mall road, Amritsar.
3. Rashtrapati Awardee Mdm Swaraj Grover , incharge, daily free family counselling cell amritsar delivered a talk entitled "Women Empowerment and Higher education" under the aegis of women empowerment and grievances redressal cell on Oct 24,2017 .
4. The women cell also celebrated the International Women Day on March 8, 2000 Mrs. Sonali Giri, Commissioner, Nagar Nigam, Amritsar was the chief guest while Mrs. Lakshmi Kanta Chawla was the guest of honour. The youth icon Mrs. Giri remained the heart throb of the audience while the motherly figure Dr. Chawla touches their heart with warmth.
5. Under the able guidance and Patron ship of our principal Dr. Rakesh Kumar, the activities of the cell is creating everlasting impact upon the minds of girls in particular and the youth in general.
6. Legal literacy cell of the college under the table guidance of Dr. Rakesh Kumar celebrated "No Tobacco Day" on March 31 2000 by organizing an essay writing competition in all three languages that is English, Hindi and Punjabi.
7. The untiring efforts of MRS Praveen Thakur convenor of the cell were honoured by students who came in huge number to participate. The winners are awarded by Mr. Sumit Makhan (P.C.S.) CJM cum secretary legal literacy authority, Amritsar.

Red Ribbon Club of college, has conducted various activities under the dynamic leadership of Associate Professor, Computer Sc. & IT department **Prof. Harsimran Anand**

Activities of Red Ribbon Club during the Session 2017-2018

| Title of the Activity | Organising Unit / agency / collaborating agency | Number of teachers co-ordinated such activities | Number of students participated in such activities |
|---|--|---|--|
| 1. Essay Writing Competition on the theme "Blood Donation" held on 12/02/2018 | Organised by Red Ribbon Club, DAV College Amritsar and funded by Punjab State AIDS Control Society | 1. Associate Prof Kapil Goyal 2. Associate Prof Harsimran Singh Anand (Nodal Officer) 3. Assistant Prof Renu Sharma | 80 |
| 2. Poster Making Competition on the theme "AIDS Awareness" held on 09/03/2018 | Organised by Red Ribbon Club, DAV College Amritsar and funded by Punjab State AIDS Control Society | 1. Associate Prof Kapil Goyal 2. Associate Prof Harsimran Singh Anand (Nodal Officer) 3. Assistant Prof Renu Sharma | 61 |
| 3. Declamation Contest on the theme "Blood Donation" held on 28/03/2018 | Organised by Red Ribbon Club, DAV College Amritsar and funded by Punjab State AIDS Control Society | 1. Associate Prof Kapil Goyal 2. Associate Prof Harsimran Singh Anand (Nodal Officer) 3. Assistant Prof Renu Sharma | 20 |

National Service Scheme (NSS) of college has conducted various activities under the dynamic leadership of Associate Professor, Economics department **Dr. Ritu Arora**.

Prof Ritu Arora , NSS Incharge perform varipus activities

| Title of the Activity | Organising unit/agency/collabo | Number of teachers co- | Number of Students participated in such activities |
|-----------------------|--------------------------------|------------------------|--|
|-----------------------|--------------------------------|------------------------|--|

| | rating agency | ordinated such activities | |
|----------------------------|--------------------------|---------------------------|----|
| Road Safety Awareness Camp | Traffic Police, Amritsar | 04 | 80 |
| One Day Yoga Camp | Bharat Swabhiman Trust | 04 | 45 |

Activities of P G Department of Physics

1. An **Educational Visit** was organized for post graduate students of department to the Physics Department and Emerging Life Sciences Department of Guru Nanak Dev University on Oct. 14, 2017.
2. A **Quiz Competition** was organized by the department on Oct. 24, 2017 for the students of undergraduate classes (B.Sc.- NM/ CS). Around 120 students appeared for screening test and 12 were selected for final rounds on basis of their performance in written test.
3. Dr. Vivek Walia (**Scientist**) from Taiwan University visited Physics department on Nov. 13, 2017. Dr. Walia shared his research work and findings on the earthquakes.
4. Series of lectures on Quantum Physics - **Quanthalon** was organized for students' of M.Sc. (Physics) Semester I and B.Sc. (CS/ NM) Semester IV on February 8, 2018.
5. A **Slogan Writing Competition** was organized by department for UG & PG students on February 15, 2018.
6. An **Essay Writing** competition on "Impact of Physics on Life" was organized by department for UG & PG students on February 27, 2018.
7. A **Model Making** competition was organized by department for B.Sc. students' on occasion of National Science Day February 28, 2018.
8. A **National Conference** on Recent Trends in Advanced Material and applications (RTMA-2018) on April 11, 2018.

Activities of P G Department of MCVP

GUEST LECTURE ON 'CHANGING TRENDS & JOB AVENUES IN MEDIA'

(JULY 17, 2017)

1. A guest lecture on 'Changing Trends & Job Avenues in Media' was organized by the department of Mass Communication & Video Production on 17 July. Ekta Suri, Senior Principle Correspondent & Anchor (Zee Business & Zee News, Mumbai) was the keynote speaker at the event. Ekta Suri who has been associated with the various media organizations like NDTV & CNBC etc and also an alumni of DAV College elaborated on the importance of Social Media in today's world and told the students about the various and new job opportunities available in the world of social media.

CREATIVE WRITING CONTEST (AUGUST 12, 2017)

2. Department of Mass Communication and Video Production, DAV College Amritsar organized Creative Writing Contest "Excel Your Creative Skills" on August 12, 2017. This event was conducted in series of two sessions. Students of BJMC and BA MCVP participated during the event. Munish Devgan, producer, Aaj Tak was the key speaker of this event. He briefed about importance of creative writing skills in field of journalism to students and he also emphasized on the fact that creative writing is base foundation to any story. In this writing contest students were provided with different newspapers and students were given task to do analysis of various news stories and they were suppose to write letter to editors and send it on the spot to various newspaper organizations.

INTER DEPARTMENT MEDIA FEST (SEPTEMBER, 9, 2017)

3. The Department of Mass Communication & Video Production organized a one-day Inter-Department Media Fest on September 9, 2017 in which students of various departments of the College participated with zeal and enthusiasm. The main objective of the event was to find out hidden talent among students so that they can successfully choose the most suited platform for them in years to come. There were a total of twelve categories in the festival against which students competed. The events included Falsie fire, Radio Jockey, Debate, Photography, Ad Mad, Song Prediction, Interview, Caption Writing, News Reading, Mobile Film Making and Choreography. Mr. Harnek Singh Aulakh, Actor & Director and owner of Paparazzi Films was the chief guest on the occasion and other experts were Rajiv Sharma, Reporter ABP, Anuj Sharma, Reporter Dainik Bhaskar, RJ Vishesh from 98.3 Red FM who also adjudged few events.

SHORT DOCUMENTARY FILM SCREENING (OCTOBER, 28, 2017)

4. The Department of Mass Communication and Video Production organized Screening of short documentary films followed by post discussion. These documentary films were produced and directed by Charanjeet Singh Teja who is presently working as Staff Correspondent, in The Tribune, Amritsar. During the session, 5-6 Short documentaries based on various social issues like farmer suicide in Punjab, Language and social issues were screened. During the second session, Post discussion was held in which various queries of students were resolved by him.

DEBATE AND PANEL DISCUSSION COMPETITION "LETS DEBATE" (November 10, 2017)

5. The Department of Mass Communication and Video Production organized Inter department Debate and Panel Discussion Competition "Lets Debate". Dr Parminder Singh, Former Head, Department of English, GNDU, Dr Rajesh Kumar, Principal DAV College, and various other personalities from field of Journalism were among the team of panelists. During the Panel discussion, importance of censorship and its other aspects were discussed. During the second session, Debate competition was organized which was based on topics "Censorship of Media" and "Man is born free but he is in chains everywhere". Students from different departments of the College participated in the event.

WORKSHOP ON “HOW TO MAKE RADIO LINKS” (26, February, 2018)

6. The Department of Mass Communication & Video Production organized one day workshop on “How to make Radio Links”. RJ Vishesh Chabra, 93.5 Red FM was the Chief Guest during the event. He acquainted the students about various topics like Radio Link, How to make radio Links. He also told about programming. He told students that most important thing in the radio is its content. Students also explored the best of the talent and practiced their writing and speaking skills by writing scripts for radio. The students also performed some exercises on voice modulation.

WORKSHOP ON “STUDIO LIGHTS AND PRODUCTION LIGHTS” (March, 05, 2018)

7. Department of Mass Communication & Video Production organized one day workshop on “Studio Lights and Production lights”. Gaurav Kumar, Independent Film Maker was the chief Guest during the event. He is currently running his own production house “Film Your Film” in Amritsar. Gaurav Kumar briefed about various topics like Exposure Triangle, Usage of Hard Light and Soft Light, Need of Colour Temperature, Techniques of 3-Point Lightening System, Usage of Reflectors and Diffusers etc.

LECTURE CUM WORKSHOP ON “HOW TO CONDUCT INTERVIEWS” (MARCH, 13, 2018)

8. The Department of Mass Communication & Video Production organized one day lecture cum Workshop on “How to Conduct Interviews”. Supreet Singh Kahlon, PTC News, New Delhi was the resource person during this event. Supreet Singh Kahlon briefly defined about various aspects of Interviewing. He also elaborated about how to build rapport with your interviewer and about various interviewing techniques like combating biases, using structured interviews and pre-interview preparation skills during the event.

Activities of P G Department of History

The PG Department of History/Travel and Tourism organized a talk on ‘Cancer Awareness’ on October 28, 2017 by Dr. Kapil Kumar ((MS, FICS, FAIS) BLK Super Specialty Nanavati Hospital, Mumbai). In his talk he discussed and explained the students with the help of ppt about the general causes of occurrence of cancer and measures for the prevention of this disease.

- i.) On October 2nd, 2017 the department celebrated Gandhi Jayanti at Cutting and Tailoring Centre (Guru Nanakpura) by distributed sewing machines and bags to the students.
- ii.) Lecture delivered by HOD Dr. VishavBandhu on the topic ‘An introduction to the History’ to the students of B.A. 1stsem and M.A. History classes on August 12, 2017 in the college seminar room ‘Manthanam’.
- iii.) The faculty members of PG Department of History/Travel and Tourism Prof. Shilpi Seth, Prof. AmandeepKaur, Prof. SumeerKaur addressed the students under

different topics like Women Trafficking, Heritage Walk of Amritsar, An introduction to Tourism in the month of September 2017.

iv.) Celebrated Martyrdom day of Mahatma Gandhi on January 30, 2018 by delivering lectures to students..

Invited Lectures

i.) Dr. Kapil Kumar (MS, FICS, FAIS) BLK Super Specialty Nanavati Hospital, Mumbai.

No. of Social Initiatives taken by students

1. Prepared Documentary on “Historical Amritsar and A Tours Destination”
2. Delivered A Talk on Emerging Trends in Tourism in City Amritsar; Rural Toursm, Medical Tourism.
3. Tree Plantation drive to promote “Eco-tourism”
4. Delivered a talk on “Hygiene and Sanitation for Girls”

Guiding the Village Women on Self Employment as an extension lecture in remote areas

Invited Lectures

1. “Urbanisation in Dhariwal Town” lecture delivered at HKMV College, Dhariwal on February 09, 2018.

“Village to town Formation of Dhariwal Town” lecture delivered at HKMV College, Dhariwal on August 14, 2017

Collaboration

Linkage with institutions for project work of research facilities etc. during the year

1. Work as Research Assistance on the topic “**Media Coverage,, Local Reactions and Globalization as examine through International responses in Britain and the Common wealth to the death of the late Princess Diana in August 1997**” under *Dr. Joanna Lewis*, Department of International History, Sardinia House Sardinia Street, **The London School of Economics**, London, with the grant amount of 400 pound (Rs. 34200). Duration one month July to August 2017

Extension Activities and Institutional Social Responsibility.

1. Organized Quiz Competition on World Tourism Day.
2. Organized Heritage Walk of Amritsar.
3. Organized Awareness drive in Remote areas on different Social issues.
- 4, Education Classes to remote area students.
5. Awareness Drive Procession.
6. Heritage Walk of Amritsar

Extension Activities and Institutional Social Responsibility.

1. Organized Quiz Competition on World Tourism Day.
2. Organized Declamation Contest.
3. Organized Paper Reading Contest.

4. Organized Heritage Walk of Amritsar.
5. Organized Awareness drive in Remote areas on different Social issues.
6. Literacy Drive Programmes in Mustfabad, Mahal and Verka Village
7. Quiz Competition under Gandhian Studies Centre.
8. Education Classes to remote area students.
9. Declamation Contest and Paper Reading Contest.
10. Awareness Drive Procession.
11. Heritage Walk of Amritsar.
12. Organized Quiz Competition on World Tourism Day.
13. Organized Declamation Contest.
14. Organized Paper Reading Contest.
15. Organized Heritage Walk of Amritsar.
16. Organized Awareness drive in Remote areas on different Social issues.

PG Department of Mathematics

| Nature of Activity | Participant | Source of financial support | Duration |
|--|-------------------|-----------------------------|----------------|
| Guest lecture by Prof. K. L. Tejpal (Department of Mathematics, MIT Chicago) . | M.Sc Math Classes | DAV College,Amritsar | Oct 30, 2017 |
| Guest Lecture Delivered by Prof.S. Dharamraja (Department of Mathematics, IIT, Delhi). | M.Sc Math Classes | DAV College,Amritsar | March 10,2018. |

Activities of Bio Technology Departments

1. Students of B.Sc Biotechnology Sem-V conducted research and presented their research work:-

(A) Poster session of International Conference on Clinical Research 2017 organized by Baba Farid University of Health Sciences and Research on 8th-9th September 2017.Overall 03 projects was undertaken out of which 02 bagged positions.

(i) First prize was bagged by Riya Kapoor, Tarandeep, Pooja and Tania for poster entitled “screening of Anti- microbial activity of leaf extract of Pongamia pinnata against bacterial and fungal species”.

(ii) Second prize was bagged by Manpreet, Rohit, Jaspreet and Gurpreet for poster entitled “Analysis of Ethno Botanical, Anti Bacterial and Anti Fungal potential of leaf extract of Terminalia arjuna”

(iii) Ashima Ghatak, Rebekah Amar, Upasna Mahajan presented paper entitled,” to test the potency of Azadirachta Indica Linn. leaf extract to resist the effectiveness of bacteria and fungi at different concentrations of extract.

(B) Poster presentation in “Techzone Science Fest” organized by Shanti Devi Arya Mahila College, Dinanagar dated 24th October 2017

(i) Second prize was bagged by Karanvir Singh and Yuvraj Singh poster entitled “Antimicrobial activity of leaf extract of Eucalyptus globules. L”

A departmental activity “To Explore” was organized one day Intra-Department Science Festival “**Explore**” on 17th August, 2017. Students of the department participated with full zest and zeal in the host of events like Brain worm, Catch the dash, Aage Kuan Peeche Khai and Unleash the Secret. The main motive of the festival was to carve out the hidden talent among the students and appreciate their hard work. In addition, free books were distributed to the students who brought laurels to the college by securing merit positions

Any Others:-

| Name of event | Date | Funding Agency | Amount |
|---|--------------------|---------------------------|----------|
| INSPIRE Science Camp (Five Days) | To be held in 2018 | DST, Govt of India | 13 Lakh |
| International Biodiversity Day | 28 May 2018 | Punjab Biodiversity Board | 20,000/- |

P G Department of Mathametics

| Name of the scheme | Number of benefited students by Guidance for Competitive examination | Number of benefited students by Career Counselling activities | Number of students who have passed in the competitive exam | Number of students placed |
|--------------------------|--|---|--|---------------------------|
| UGC-NET and GATE Classes | 25 | 25 | 02 | |

2. Literacy Drive Programmes in Mustfabad, Mahal and Verka Village.
3. Workshop on stock exchanges in Collaboration with SEBI Resource Person
4. Workshop on XBRL Workshop on E-Filing

Department of Zoology Activities

1. With a motive to encourage students for active & mass participation in annual sports meet of the college i.e. FEB 17-18, 2018, an online Slogan Writing Competition was conducted on Feb 14, 2018 among students of BSc Medical & Biotechnology. The themes were: **“YES TO SPORTS & NO TO DRUGS”** and **“ENCOURAGING SPORTS AMONG GIRLS”**. Prof Renu Chauhan judged the slogans and the slogans of Kripi (sem vi medical), Diksha (sem vi medical) & Nitika (sem iv biotech) were judged first, second & third respectively.
2. Complementing the Ramsar Convention Theme for 2018 “Wetlands for Sustainable Urban Future”, the Department of Zoology celebrated World Wetlands Day on February 03, 2018. More than seventy students of B.Sc. Medical participated in the Declamation Contest & Poster Presentation. Dr. Rajni Khanna, Head of the Department requested all to take pledge to protect and conserve the Wetlands & the Environment. Principal Dr. Rajesh Kumar awarded prizes to the Winning Students.



3. Complementing the Global world AIDS Awareness, 2017 Campaign promoting the theme **“Right to Health”**, the Deptt arranged a short documentary movie. **“Zare Si**

Galti” for faculty members of the College on December 02, 2017. Principal Dr. Rajesh Kumar appreciated the Department for their efforts. Vice-Principal, Dr. Bandhu, Staff Secretary Dr. B B Yadav, Office Bearers and all the teachers of the College were present on the occasion.



4. The Department motivated the students of B.Sc. Medical Sem-V student to observe **Vigilance Week, Nov 2017** – A Project of Central Vigilance Commission, New Delhi. The students pledged and committed to uphold highest standards of honesty and integrity and to follow probity and rule of law in all walks of life.
5. The Department organized a **Confidence Building Exercise** for the students of B.Sc. Medical Semester-III on October 24, 2017. A declamation was held on Current & Social Issues – **Mobiles in Classrooms, Declining Interest in Classrooms studies and Absentees, Social Media, Morning Salutation and our Elders – our Assets**. The exercise also made them aware and sensitized to these issues.



6. The students of B.Sc.Medical participated in the marathon “**Run For Martyrs**” “**Run For Police**” – **A Tribute to Martyrs from Amritsar Police** organized by Amritsar Police on October 22, 2017 at Guru Nanak Stadium, Amritsar. The Police Authorities awarded medals and certificates to the runners.

7. The Dept. organized **Student Seminars** for B.Sc.(Med) Sem-V on October 12, 2017. The student teachers deliberated upon Lethal Genes, Sex Linked Inheritance, Inborn Errors of Metabolism and Genetic Code & its characteristics. Principal Dr. Rajesh Kumar congratulated the deptt for organizing such seminars and awarded certificates to the participants.



8. **World Animal Day** was observed on October 04, 2017. The celebration was marked with sensitizing the students of B.Sc. Medical and Biotechnology with a comic animated movie on honeybees entitled **Bee Movie** produced by Dream Works Animation. The picture gave a message that every organism plays an important role in the ecosystem and ecosystem sustainability can be achieved only by cooperation among various organisms. Principal Dr. Rajesh Kumar also emphasized every individual's role especially animals' & plants' for the well-being of the society as a whole.



9. **LIVE WEBCAST Session of PM Modi' Students' Leader Convention Speech at Vighyani Bhawan, New Delhi** Sept 11, 2017 .rincipal Dr Rajesh Kumar chaired the live webcast session



10. Dr Rajni Khanna HOD Zoology organized a live webcast session of **PM Modi's Students' Leader Convention Speech at Vigyan Bhawan, New Delhi** in commemoration of the 125th anniversary of Swami Vivekananda's famous address at the World Parliament of Religions in Chicago. The PM launched his NEW INDIA initiative on this occasion. PM also batted for innovation and promoting skills among youth and asked them to work for a **NEW INDIA, A YOUNG INDIA**.
11. BSC MED SEM I & III Students deliberated upon Young India, A New India vision with Principal Dr Rajesh Kumar who also endorsed PM's vision for their right education, career & spiritual growth. Dr Daizy Sharma, Dr Neeraj Gupta, Dr Ashish, Prof Amanjot Prof Kapil Goel Prof Renu Chauhan & Prof Nihita attended the live session.

12. Sankalp Se Siddhi Campaign

Sept 01-07, 2017

To forward the initiative of Hon'ble Prime Minister Sh Narendra Modi for A New India movement from 2017-2022, a Sankalp Se Siddhi (Attainment through Resolve) was organized. Dr Rajni Khanna, HOD, Zoology & Prof Kapil Goyal Deptt of Computer Science motivated the students of BSc Med Sem V to take pledge for A Clean India, A Poverty Free India, A Corruption Free India, A Terrorism Free India , A Communilism Free India and A Casteism Free India.

Principal Dr Rajesh Kumar congratulated the participants for their positive attitude in making NEW YOUNG INDIA. Principal also awarded certificates to the students.



13. Guest lecture on Vector-Borne Diseases

Aug 05, 2017

Dr Madan Mohan, Distt Epidemiologist, Civil Surgeon Office, Amritsar

Dr Rajni Khanna introduced & highlighted the achievements of Dr Madan Mohan. Principal Dr Rajesh Kumar welcomed the resource person & advised the students to take precautionary measures to protect themselves from various diseases prevalent in the rainy season. Dr Madan deliberated upon role of various mosquitoes as vectors that spread malaria, chickenguniya & dengue etc and their control. Dr Neeraj Gupta motivated the students to interact with the speaker over various issues of Vector-Borne Diseases. Dr Daizy Sharma, Dr Anita, Dr Rajni, Dr Ashish and Prof Renu Chauhan attended the lecture.



14. Akansha of B.Sc.Medical Sem-VI got first prize in Post-making and 2nd Prize in Debate on GST organized by MCVP Dept. She also got 2nd Prize in Inter College Poster Presentation on Climate Change organized by Khalsa College, Amritsar on February 22, 2018.
15. Zapherjeet of B.Sc.Medical Semester- VI got first prize in General Quiz organized by English Department. He also bagged first prize in Shudh Rachne organized by Punjabi Department.



16. Manjot Kaur received first prize in Slogan Writing on the topic – Independence Day being organized by Botany Department. She also got 2nd prize in Shudh Likhaee by Punjabi Department.
17. Puneet and Muskaan of BSc Medical sem vi bagged first and second prize in **POSTER MAKING** organized by Red Ribbon Club of the college.

Report – World Environment Day, 2018

The World Environment Day-2018 was observed in DAV College Amritsar. The series of events started with an awareness rally against Plastic Pollution- the theme of WED, 2018. More than two hundred students of various streams, about thirty faculty members and lab staff attended the rally. It was led by Principal Dr. Rajesh Kumar, Dr. Daizy Sharma, HoD Botany and Dr. Rajni Khanna, HoD Zoology. The students and staff carried placards with various slogans to save environment and beating plastic pollution.

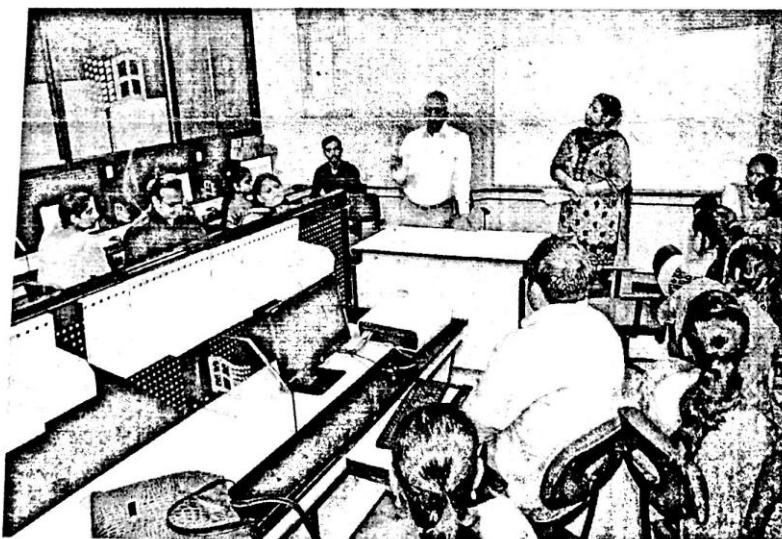
It was followed by an Environment Hawan on June 01, 2018. As per Vedic traditions, Hawan serves twin purpose of cleaning the environment and invoking the blessings of Almighty. About 300 people including Advocate Sudarshan Kapoor, the chief guest, Principal Dr. Rajesh Kumar, teaching and non-teaching staff attended the Hawan.

In the next leg of celebrations, on the spot Poster Competition was organized for school students on June 02, 2018. About 70 students from neighbouring institutions participated in the event. The theme for poster competition was "Environmental Protection". The winners of the competition were awarded trophies and certificates by the Principal Dr. Rajesh Kumar and the guest speaker for the function, Dr. M.S. Bhatti, Head Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar along with Heads of Botany and Zoology Departments of the College.

Through a power point presentation, Dr. Bhatti deliberated upon "Environmental Issues Concerning Amritsar". The students participated enthusiastically and interacted with the resource person.

Ms. Ishupinder Kaur, State Project Officer, attended the celebrations on behalf of Punjab State Council for Science and Technology (PSCST), Chandigarh. The College acknowledges the financial and technical support rendered by PSCST Chandigarh, for organizing these events and creating awareness about environmental issues among the students and general masses.

Department of Zoology organized a workshop on the theme “ **How to create a Power-Point Presentation**” for the students of B.Sc. Med Sem-VI on March 16-17, 2018. This is the initiative aimed at equipping and training the students in this method of effective communication with the audience and it will go a long way in the times to come. Prof. Manik Mehra, Asst. Prof. PG Dept. of Computer Science & IT conducted the workshop. Prof. Dr. Rajni Khanna HoD welcomed & thanked Principal Dr. Rajesh Kumar for his all time support & motivation for the conduct of such activities. Dr. Rajni Khanna also thanked Prof. Manik Mehra for providing indepth knowledge and know-how of the Power-Point presentation. Principal Dr. Rajesh Kumar appreciated the dept for organizing this skill enhancing activity. At the end of the 2nd day of workshop, every student was able to make one's own customized Power-Point presentation. Dr. Rajni Khanna thanked the faculty members especially Prof. Renu Chouhan for making this workshop happen.



P G Department of English

1. The department organized a Workshop on Resume Writing on September 09, 2017
2. An address of Alumnus Mr. Kaushal Khanna was organized by the department along with Alumni Association of the college.
3. The department also organized Extempore Speech Contest on September 15, 2017
4. The department organized Picture Perception Test on October 30, 2017.
5. The department organized On the Spot Essay Writing Competition on Problem of India and solution on November 01, 2017.

6. The department organized Declamation Contest on November 02, 2017.
7. The department organized Commonly Misspelt Word Contest on March 21, 2018.
8. The department organized Word Association Test on March 23, 2018

List of Activities Organized by PG Department of CS & IT

1. Name of the activity- Online Governance Quiz

Date of the Activity- July 25th 2017

Brief Description- Digital aspirants of PG Department of CS & IT, DAV College Amritsar successfully participated in “Online Governance Quiz” contest covering various initiatives taken by Govt. of India on:

- Digital India
- Make in India
- Smart India
- Startup India
- Swach Bharat Abhiyan

Students applauded with e-certificates from MyGov.in (official portal of PMO) of India for their achievements.

2. Name of the activity- Live Webinar on Mobile Governance

Date of the Activity- August 05, 2017

Brief Description -PG Department of CS & IT organized live Webinar on Mobile Governance on August 05, 2017 at Mind Venture Lab. Students from BSc(IT), BCA and MSc(CS) participated and collaborated real time on following topics:

- (i) Mobile as a mass media
- (ii) Mobile for good governance
- (iii) Mobile for social goods and education scenario
- (iv) E-commerce ethics and regulatory trends

This webinar was organized in collaboration with Digital Empowerment Foundation, New Delhi.

3. Name of the activity- Celebration of International Literacy Day

Date of the Activity- September 08, 2017

Brief Description - PG Department of CS & IT in collaboration with UNESCO Celebrated International literacy day on 8th September, 2017. The theme of the event was 'Literacy in the digital world'. The students of BSC (IT), BCA, BDMM and MSC(CS) participated in various activities that include:-

1. Screening of Documentary Films
2. Multimedia Presentations.
3. Poster Design.
4. Debate on Internet Blackout



4. Name of the activity- Live Webcast Talk on NEW INDIA- VIBRANT INDIA by Honorable PM of India.

Date of the Activity- September 11, 2017

Brief description- A live webcast was broadcast at Mind Venture Lab where the Honorable Prime Minister of India delivered Inspirational talk on NEW INDIA- VIBRANT INDIA (YUVA BHARAT- NAYA BHARAT). More than 100 students from PG Dept of CS & IT attended and deliberated upon issues like:

1. Digital India
2. Startup India
3. Standup India

4. Make in India

5. Name of the activity- Live Webinar on Digital Divide

Date of the Activity- September 19, 2017

Brief description- To celebrate the 25TH anniversary of Internet Society, A celebration node was established at our college in which a live panel on DIGITAL DIVIDE was conducted by ISOC Delhi Chapter. The students of PG Dept of CS & IT discussed, ideated and curated the ISOC vision on Internet Blackout and Safe Use of Internet in South Asia. The following panelists were present during the live panel discussion:

1. OSAMA MANZAR from DEF
2. Mr. RAKESH SINHA , Additional Secretary from MPITGOI
3. Mrs. AMRITA from CCOAI
4. Mr. RAJESH from ISPAI

Students from BSC (IT) Final year asked the panellist about the future of Internet in India.

Department of Sanscrit

1. Department of Sanscrit paid tribute to Bhagat Puran Singh on July 7, 2018.
2. Department of Sanscrit on dated March 23, 2018 celebrated Film on Maharishi Dyanand and more than 89 students take part in IQ Test. Stuedents also taken pledge for Drug Free India.

Department of Sanscrit taken initiative for social awareness campaign like

3. Grow Tree, Save Environment
4. Swash India, Swachat India
5. Go green , Go clean

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 | 7784.59 Sq.mt. | 445.77 sq.mt | UGC | 8230.36 Sq.mt |
| Class rooms | 78 | | | |
| Laboratories | 35 | | | |
| Seminar Halls | 02 | | | |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | | | | |
| Value of the equipment purchased during the year (Rs. in Lakhs) | | | | |
| Others | | | | |

4.2.1 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System – ILMS}

| Name of ILMS Software | Nature of automation (fully or partially) | Version | Year of automation |
|-------------------------|---|------------|--------------------|
| Alice for windows (AFW) | Fully automation | Alice 6.00 | 2000 |

4.2.1 Library services:

| | Existing | | Newly added | | Total | |
|--------------------|------------------------|-------|------------------------|-------------------------|-------------|-------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 81045 | | 513 | 275465/- | 81556 | |
| Reference Books | 3695 | | 20 | | 3715 | |
| e-Books | 493 | | 04 | Included with book cost | 497 | |
| Journals/Magazines | 100 +Back Volumes | | Subscription Renewal | 152058/- | | |
| e-Journals | INFLIBNET Subscription | | INFLIBNET Subscription | 5900/- | | |
| Digital Database | Alice 6.00 | | Alice 6.00 | | | |
| CD & Video | 11 | | - | | 11 | |
| Others (specify) | 56 19153 | | - 113 | | 56 19266 | |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Offices | Departments | Others |
|----------|-----------------|---|--|---|------------------|---------------------|--|--|
| Existing | 240 | Eight Labs are networked having facility of multimedia Projector and Tutorial CDs. Two Labs have facility of Internet | Thirteen Teaching departments/ Departmental Libraries have facilities of Internet connection | Two Browsing Centres with the facility of Printer and Scanner | 12 | Computerized office | Thirteen Teaching Departments have facilities of Computers and Internet connection | The Staff Rooms, Health Centre and other offices like Hostel warden, Placement Cell etc. have facility of Computer and |

| | | | | | | | | |
|-------|-----|-----|----|----|----|---|----|-------------------------|
| | | | | | | | | internet 2 (MCVP) |
| Added | 25 | - | 05 | 02 | - | - | 05 | 0 |
| Total | 265 | 010 | 13 | 06 | 12 | | 18 | 2 |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology

Upgradation (Networking, e-Governance etc.)

Annexure-xiii

4.6 Amount spent on maintenance in lakhs :

| | |
|--|-----------|
| i) ICT | 2,99,499 |
| ii) Campus Infrastructure and facilities | 67,59,790 |
| iii) Equipments | 53,73,561 |
| iv) Others | - |
| Total : | 12432850 |

Annexure-xiii

The Department of Computer Science & IT organizes annual workshops for the staff, both teaching and non-teaching, of the college to upgrade their soft skills and provides need based regular guidance to them. Also internet access is available to all the teaching departments. There are dedicated browsing centres for the students in the computer labs. The administrative office and accounts office are also fully automated. The secretarial staff can access any information about the students on the click of mouse.

PG Department of CS & IT has generated funds of Rs. 4.31, 700/- by organizing various Crash Courses for the students of BCA/BSc (IT) and MSc (CS). The department has also conducted online Entrance Examination for the students of B.Tech/MTech and MCA organized by SRM University Tamilnadu and help the institute in generating revenue

P G Dept. of Commerce and Management has organized activities

1. Coaching classes in Tally and E-Filing
2. In house coaching in collaboration with SEBI

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

It is on the basis of recommendations of IQAC that teacher representatives working as Prof-In-Charge of various support services organize mentoring sessions and class room visits to enhance student awareness about support services. NCC /NSS Officers make the students aware about benefits of joining NCC/NSS by display of banners and classroom visits to motivate the students. Student Help Desk organizes mentoring sessions at the beginning of the session about rules and regulations of College /University and various Student Support Services. Dean CCA organizes Talent Hunt Programme for the various cultural events for the students in the month of August/September to give a chance to the students to come out with their talent, participate in the event and finally get short listed in various teams who are to participate in various cultural competitions at Zonal/University and Inter Varsity level.

Free books to Meritorious and economically weak students, Internet Facility, Fee concession, National Science day, farewell to outgoing class

Annexure-xi

5. Student Support and Progression

REPORT- DEPTT OF ZOOLOGY APRIL 2017- MARCH 2018

With a motive to encourage students for active & mass participation in annual sports meet of the college i.e. FEB 17-18, 2018, an online Slogan Writing Competition was conducted on Feb 14, 2018 among students of BSc Medical & Biotechnology. The themes were: **“YES TO SPORTS & NO TO DRUGS”** and **“ENCOURAGING SPORTS AMONG GIRLS”**. Prof Renu Chauhan judged the slogans and the slogans of Kripi (sem vi medical), Diksha (sem vi medical) & Nitika (sem iv biotech) were judged first, second & third respectively.

Complementing the Ramsar Convention Theme for 2018 “Wetlands for Sustainable Urban Future”, the Department of Zoology celebrated World Wetlands Day on February 03, 2018. More than seventy students of B.Sc. Medical participated in the Declamation Contest &

Poster Presentation. Dr. Rajni Khanna, Head of the Department requested all to take pledge to protect and conserve the Wetlands & the Environment. Principal Dr. Rajesh Kumar awarded prizes to the Winning Students.



Complementing the Global world AIDS Awareness, 2017 Campaign promoting the theme “**Right to Health**”, the Deptt arranged a short documentary movie. “**Zare Si Galti**” for faculty members of the College on December 02, 2017. Principal Dr. Rajesh Kumar appreciated the Department for their efforts. Vice-Principal, Dr. Bandhu, Staff Secretary Dr. B B Yadav, Office Bearers and all the teachers of the College were present on the occasion.



The Department motivated the students of B.Sc. Medical Sem-V student to observe **Vigilance Week, Nov 2017** – A Project of Central Vigilance Commission, New Delhi. The students pledged and committed to uphold highest standards of honesty and integrity and to follow probity and rule of law in all walks of life.

The Department organized a **Confidence Building Exercise** for the students of B.Sc. Medical Semester-III on October 24, 2017. A declamation was held on Current & Social Issues – **Mobiles in Classrooms, Declining Interest in Classrooms studies and Absentees, Social Media, Morning Salutation and our Elders – our Assets**. The exercise also made them aware and sensitized to these issues.



The students of B.Sc.Medical participated in the marathon **“Run For Martyrs” “Run For Police” – A Tribute to Martyrs from Amritsar Police** organized by Amritsar Police on October 22, 2017 at Guru Nanak Stadium, Amritsar. The Police Authorities awarded medals and certificates to the runners.

The Dept. organized **Student Seminars** for B.Sc.(Med) Sem-V on October 12, 2017. The student teachers deliberated upon Lethal Genes, Sex Linked Inheritance, Inborn Errors of Metabolism and Genetic Code & its characteristics. Principal Dr. Rajesh Kumar congratulated the deptt for organizing such seminars and awarded certificates to the participants.



World Animal Day was observed on October 04, 2017. The celebration was marked with sensitizing the students of B.Sc. Medical and Biotechnology with a comic animated movie on honeybees entitled **Bee Movie** produced by Dream Works Animation. The picture gave a message that every organism plays an important role in the ecosystem and ecosystem sustainability can be achieved only by cooperation among various organisms. Principal Dr. Rajesh Kumar also emphasized every individual's role especially animals' & plants' for the well-being of the society as a whole.



LIVE WEBCAST Session of PM Modi' Students' Leader Convention Speech at Vigyan Bhawan, New Delhi

Sept 11, 2017

Principal Dr Rajesh Kumar chaired the live webcast session



Dr Rajni Khanna HOD Zoology organized a live webcast session of **PM Modi's Students' Leader Convention Speech at Vigyan Bhawan, New Delhi** in commemoration of the 125th anniversary of Swami Vivekananda's famous address at the World Parliament of Religions in Chicago. The PM launched his NEW INDIA initiative on this occasion. PM also batted for innovation and promoting skills among youth and asked them to work for a **NEW INDIA, A YOUNG INDIA**.

Bsc Med SEM I & III Students deliberated upon Young India, A New India vision with Principal Dr Rajesh Kumar who also endorsed PM's vision for their right education, career & spiritual growth. Dr Daizy Sharma, Dr Neeraj Gupta, Dr Ashish, Prof Amanjot Prof Kapil Goel Prof Renu Chauhan & Prof Nihita attended the live session.

Sankalp Se Siddhi Campaign

Sept 01-07, 2017

To forward the initiative of Hon'ble Prime Minister Sh Narendra Modi for A New India movement from 2017-2022, a Sankalp Se Siddhi (Attainment through Resolve) was organized. Dr Rajni Khanna , HOD, Zoology & Prof Kapil Goel Deptt of Computer Science motivated the students of BSc Med Sem V to pledge for A Clean India, A Poverty Free India, A Corruption Free India, A Terrorism Free India , A Communalism Free India and A Casteism Free India. Principal

Dr Rajesh Kumar congratulated the participants for their positive attitude in making NEW YOUNG INDIA. Principal also awarded certificates to the students.



Guest lecture on Vector-Borne Diseases

Aug 05, 2017

Dr Madan Mohan, Distt Epidemiologist, Civil Surgeon Office, Amritsar

Dr Rajni Khanna introduced & highlighted the achievements of Dr Madan Mohan. Principal Dr Rajesh Kumar welcomed the resource person & advised the students to take precautionary measures to protect themselves from various diseases prevalent in the rainy season. Dr Madan deliberated upon role of various mosquitoes as vectors that spread malaria, chickenguniya & dengue etc and their control. Dr Neeraj Gupta motivated the students to interact with the speaker over various issues of Vector-Borne Diseases. Dr Daizy Sharma, Dr Anita, Dr Rajni, Dr Ashish and Prof Renu Chauhan attended the lecture.



Akansha of B.Sc.Medical Sem-VI got first prize in Post-making and 2nd Prize in Debate on GST organized by MCVP Dept. She also got 2nd Prize in Inter College Poster Presentation on Climate Change organized by Khalsa College, Amritsar on February 22, 2018.

Zapherjeet of B.Sc.Medical Semester- VI got first prize in General Quiz organized by English Department. He also bagged first prize in Shudh Rachne organized by Punjabi Department.



Manjot Kaur received first prize in Slogan Writing on the topic – Independence Day being organized by Botany Department. She also got 2nd prize in Shudh Likhaee by Punjabi Department.

Puneet and Muskaan of BSc Medical sem vi bagged first and second prize in **POSTER MAKING** organized by Red Ribbon Club of the college.

5.2 Efforts made by the institution for tracking the progression

The college has introduced a system of eliciting information from the outgoing students by way of an exit information form to be filled in by the students of outgoing classes. This helps in gathering information about student's progression also.

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|------|------|--------|--------|
| 2652 | 1109 | - | - |

(b) No. of students outside the state

10

(c) No. of international students

-Nil-

| No | % |
|------|-------|
| 2652 | 70.51 |

Men

| No | % |
|------|-------|
| 1109 | 29.48 |

Women

| Last Year (2016-2017) | | | | | | This Year ((2017-2018) | | | | | |
|------------------------|-----|----|-----|-----------------------|-------------|--------------------------|-----|----|------|-----------------------|-------------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OB C | Physically Challenged | Total |
| 3577 | 275 | 0 | 229 | - | 4081 | 3236 | 254 | 03 | 268 | - | 3761 |

Demand ratio: varies from class to class

Dropout % 7.16 %

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

Coaching for competitive examination is organized at the departmental level

No. of students beneficiaries

60

5.5 No. of students qualified in these examinations

| | | | | | | | |
|-------------|----------|-----------|---|------|---|--------|---|
| NET | 1 (Hist) | SET/SLET | - | GATE | | CAT | - |
| IAS/IPS etc | - | State PSC | - | UPSC | - | Others | |

5.6 Details of student counselling and career guidance

Career guidance and counselling is provided by the Placement Cell to the final year students of various programmes.

No. of students benefitted 2160

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 15 | 1800 | 222 | 25 |

Total number of **“257 Students”** of Undergraduate and Postgraduate final year classes of BCA, BSc(IT), BDM, BCom, BBA, BSc(BT), BSc(Med), BSc(Non-Med), BSc(Eco), BSc(Comp. Sci.), BJMC, BA, M.Com, MSc(Phy) and Msc(comp. Sci.) have been placed in different companies that visited the college campus as well as off Campus in session 2017-18. The details as below.

Companies visited the College Campus for Placement Drives

1. Birla Sun Life Insurance Ltd. Visited the college campus on October 10th,2017 and 4 students got selected, (BCA-1,BSc(Eco)-1, BCom-1, BSc(NM)-1)
2. DHFL Visited the college campus on October 14th,2017 and 1 student got selected, (BCA-1)
3. DHFL Visited the college campus on November 3rd,2017 and 4 students got selected , (BA-2, BSc(CS)-1,BSc(NM)-1)
4. TULIP Diagnostics(P) Ltd. company visited college campus on November 8th , 2017 and 2 students got selected. (BSc(CS)-01,BSc(M)-01)
5. Concentrix company visited college campus on Jan 30th , 2018 and 101 students got selected.

(BCA-22,BSc(IT)-09, BCom-10, BSc(CS)-17, BSc(NM)-15,BSc(M)-08,BSc(Eco)-03,BSc(BT)-06, MSc(Phy)-04, MSc(CS)-02, MSc(Maths)-04, BJMC-01)

6. Alight Solutions Visited the college campus on February 6th, 2017 and 14 students got selected (BCA-01, BCom-04, BSc(CS)-04, BSc(NM)-03, BBA-01, BJMC-01)
7. A well renowned IT Giant TCS(TATA CONSULTANCY SERVICES) visited the college for pool campus placement drive under TCS-Ignite Programme for the post of technical trainee on Feb., 07-08, 2018. (BCA-16, BSc(IT)-01, BSc(CS)-07, BSc(NM)—04, BSc(Eco)-02)
8. ICICI Prudential Life Insurance company visited college campus on February 15th, 2018 and 26 Students got Selected. (BSc(IT)-01, BCom-12, BSc(CS)-07, BSc(NM)-04, BSc(Eco)-02)
9. Octopus Tech Solution company visited the college campus for the placement drive on Feb 26th 2018 and 39 students got selected. (BCA-03, BSc(IT)-02, BCom-17, BSc(CS)-08, BSc(NM)-05, BSc(Eco)-04)
10. Octopus Tech Solution company visited the college campus for the placement drive on April, 24th 2018 and 7 students got selected. (BCA-01, B.Com-01, MSc(CS)-04, M.Com-01)

Off Campus Placements

1. Tech Mahindra Visited Khalsa College Institute of Mgt. & Tech. , Jalandhar on 26th Sept., 2017 and 16 Students got Selected. (BCA-13, BSc(IT)-01, BSc(CS)-02)
2. Fairfield Marriott Hotel selected 1 student as Associate (BBA-1)
3. Rubicon Company Visited GNDU Main Campus, Amritsar on March 6th, 2018 and 2 students got selected. (B.Com-02)
4. Wipro Company visited Amritsar College of Engineering & Technology, Amritsar on April 13th, 2018 and 1 student got selected. (BSc(IT)- 01)
5. Students appeared for interview at Khanna Paper Mill Ltd., Amritsar on March 22nd, 2018 and 1 student got selected. (MSc(CS)-01)

5.8 Details of gender sensitization programmes

The College Administration is strongly committed to the lofty idea of gender equality and at the same time initiates significant efforts to inculcate in our students a strong sense of gender sensitivity. The co-educational classes are a grand success in their direction where boys and girls study together in a very cordial environment.

This is augmented by the efforts of the Women's Empowerment Cell of the College that acts as a monitoring body but fortunately there has been no untoward incident of any kind of abuse on the Campus that speaks a gender sensitivity of our students.

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

Sports Performance of DAV College 2017-2018

| | | | |
|----|-------------------------------------|--|-------------|
| 1. | State Level | Gold = 16 Sliver = 19 Bronze = 21 | Total = 56 |
| 2. | University Level | Gold = 115 Sliver = 49 Bronze = 43 | Total = 207 |
| 3. | All India Inter University Level | Gold = 14 Sliver = 11 Bronze = 20 | Total = 45 |
| 4. | National Level | Gold = 04 Sliver = 15 Bronze = 02 | Total = 19 |
| 5. | International Level | Gold = 02 | Total = 02 |

Grand Total = 329

5.10 Scholarships and Financial Support

| | Number of students | Amount |
|---|-----------------------|-----------|
| Financial support from institution | 550 | 19,44,517 |
| Financial support from government (Yet to be received) | (SC) 85 | 17,42,793 |
| | (BC) 17 | 2,93,403 |
| Financial support from other sources | | |
| Number of students who received International/ National recognitions | Nil | Nil |

Faculty Empowerment Strategies

Teachers provided with financial support to attend conferences / workshops and towards membership fee of

| professional bodies during the year: | | | | |
|--------------------------------------|--------------------|---|--|----------------------|
| Year | Name of teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
| 2018 | Dr. Narinder Arora | National Conference on Current Advances in Physical Sciences, Khalsa College, Amritsar | DAV College, Amritsar | 500/- |

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

5.12 ACHIEVEMENTS OF STUDENTS OF THE DEPARTMENT

- The group of 4 students from the Department of Mass Communication & Video Production, DAV College Amritsar attended a 3-Day Media Festival 'Talk Journalism 2017' on 26 July at Jaipur, Rajasthan as a part of a special educational programme. The only college from the region, DAV College Amritsar students got a golden opportunity to participate in the mega event of media where the galaxies of veteran journalists like Rajdeep Sardesai, Barkha Dutt, Shekhar Gupta, Arun Shorie and others came at a single platform to talk about today's media scenario. The students namely Arun Sundral, Nikhil Aggarwal, Amit Shori, Akshit Aery and Prof. Sehajpal Singh, a faculty member of the department were the delegates from the college who made their presence felt at the festival.
- The group of around 10 students of Mass Communication and Video Production department participated in Inter College Media festival organized by Chandigarh University on November 1, 2017. Students participated with zeal and enthusiasm in various categories like Debate, Choreography, Ad-Mad, Photography, Short Film Screening, etc. Students won second prize in the category of Ad Mad and they won first position in Choreography.
- Sushant, a student of BA (JMC) Sem-1 participated in "Tashan Baaz" Competition organized by 93.5 Red FM at Mall of Amritsar, Amritsar. He performed well in choreography and with his outstanding skills he got selected and won this title among students who were selected from various other colleges of Punjab.

Cleanliness Drive, Conservation of water , electricity, Conservation of natural resources, to oppose Social evils, female foeticides, dowry, gender inequality, fight for rights etc. To protect flora and fauna.

5.13 Major grievances of students (if any) redressed: NIL
(no major grievance was reported by the students)

Cultural Events

University Level

(Youth festival in Guru Nanak Dev University, Amritsar)

The students of CCA department participated in the following items and bagged various positions. (Youth Festival Zonal and Inter-zonal-2017).

1. Indian Music
 - a. Group Shabad - 3rd position
 - b. Group Song – 3rd position
 - c. Violin Playing - 3rd position
2. Western Music
 - a. Group Song – 1st position
3. Literary Items
 - a. Debate – 1st position
 - b. Poetical Symposium – 3rd position
4. Fine Arts
 - a. Rangoli – 1st position
 - b. Cartooning – 2nd position
 - c. Collage Making - 3rd position

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision statement: To make our Motherland an intellectually formidable powerhouse, by creating a cadre of motivated and prospective individuals who become catalysts of change through education, which is value and need based, which is technologically driven, collectively-constructed and dialogically explored. An education which is globally relevant and yet essentially rooted in the matrix of Indian philosophy and its holistic world view of *Vasudeva Katumbkam*.

Mission statement: To offer a wide range of higher education in tune with the needs of industry, business and administration leavened by a strong commitment to excellence and creativity in teaching and learning, which is responsive to regional, national and international needs and aspirations.

6.2 Does the Institution have a Management Information System.?

The MIS comprises a system of processing informational inputs from the relevant sources and processing it to provide summarized information useful for administrative decision.

Currently all the College results are analysed and these are discussed at the departmental meetings convened by the Principal. The corrective actions is suggested at such meetings and incorporated in the working of various Departments. Similarly toppers meet and Parents Teachers meet are conducted regularly as a part of MIS.

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

6.3.1 Curriculum Development

Curriculum Development is the prerogative of the affiliating University. However the various teaching departments forward their inputs through the faculty members who are nominated as members of Board of Studies by the University. This is how the College participates in the curriculum development.

6.3.2 Teaching and Learning

The College provides infrastructural support augment teaching learning process as required by the teaching departments. The Staff and the students are encouraged to adopt non-conventional and latest pedagogical practices.

6.3.3 Examination and Evaluation

The College follows the rules and regulations regarding examination and evaluation as laid down by the affiliating University, Guru Nanak Dev University, Amritsar.

6.3.4 Research and Development

Although the affiliating University does not permit the Faculty of affiliated Colleges to act as guide for Ph.D., yet the College administration actively supports research and development by encouraging the faculty to participate/present papers in seminars/conferences/workshops. However co-guides of the College also promote the various Departments to organize such events. The College also allows teachers to proceed on study leave to complete their research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The College has a fully automated Library having a large number of journals, e-journals and reference books besides a large number of text books. It is open from 9.00 a.m. to 6.00 p.m. on the working days. The administration encourages every department to maintain its own library in coordination with main library.

All the teaching Departments/Departmental libraries have Internet access to augment the knowledge of the faculty members. All the science Departments have well-equipped laboratories.

The College Administrative Office and Accounts Office are also fully automated.

6.3.6 Human Resource Management

The College Administration has created a number of offices such as those of Vice Principal, Registrar, Prof-In-charge Administration, College Bursar, Prof-In-Charge Building, Prof-In-Charge Electricity, Secretary Staff, Dean CCA, teacher representative in Local Managing Committee and Amalgamated Fund. The senior most teachers are appointed on these posts for a period of two years on rotation basis. This gives an exposure to the faculty members to gain valuable management experience. The College also appoints Controller of Examination (two) and Hostel Warden on rotational basis. All these offices facilitate the College Principal in the smooth functioning of the working of the college and promote the administrative growth of the faculty members.

6.3.7 Faculty and Staff recruitment

The permanent faculty is recruited by DAV College Managing Committee, New Delhi after duly notifying the vacant posts in a number of national / regional newspapers as per the eligibility conditions laid down by UGC/University/Management. The contractual faculty is recruited at the College level after following the procedure laid down by the University / Management.

6.3.8 Industry Interaction / Collaboration

The students of various Departments visit industry and institutions as per the requirement of the curriculum or to complete their project work. The industry is an important stakeholder for any institution of higher learning as the graduates are absorbed by it. It is therefore important that there is system of feedback from the industry (employers) and the professional bodies to prepare students for a successful career and make them employable. This is done through an interaction with the industry by way of industrial visits and invitations to representatives from the industry, trade and commerce.

1.3.9 Admission of Students

Admission of students to B.Com (Regular), BBA, BCA, BSc (IT), BSc (Comp.Sc.), BSc (Non-Medical), BJMC, BMM, MSc (Mathematics) and M.Com is done purely on merit basis. The admission to BA, BSc (Economics) and other Post-Graduate courses is open to the students who satisfy minimum eligibility conditions.

1.4 Welfare schemes for

| | |
|--------------|--|
| Teaching | The College Health Centre provides medical facility to all the staff members, both teaching, non-teaching and to all the students during the College hour. A group medical Mediclaim policy is available to entire |
| Non-teaching | |
| Students | |

| | |
|--|--|
| | teaching and non-teaching staff, both permanent and adhoc along with accidental cover on the lives of the staff members. The non-teaching staff drawing a salary less than Rs.15,000/- can avail of ESI Facility. The formalities, for which are done in the College itself. Moreover, all the students of the College are covered under Accidental Insurance worth Rs.50000/- |
|--|--|

6.5 Total corpus fund generated

Rs. 4 Crores with the DAVCMC, New Delhi

6.6 Whether annual financial audit has been done ☒ Yes ☐ No

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

| Audit Type | External | | Internal | |
|----------------|----------|--------|----------|--|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | | Yes | Staff Council of the College |
| Administrative | No | | Yes | Principal, Vice-Principal, Registrar and Prof-In-Charge Administration |

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

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

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

The Semester System has been introduced in all the under-graduate and post-graduate programmes by the University.

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

The University helps the affiliated Colleges interested in the status of autonomous Institution.

a. **Activities and support from the Alumni Association**

Our alumni are placed at high positions in the industry, the state and the central agencies and some of them are successful entrepreneurs. The College Alumni Association serves as platform for networking among our pass outs that visit the College from time to time and interact with our students to provide them much needed encouragement and inputs for a successful career.

6.12 Activities and support from the Parent-Teacher Association

A regular system of feedback is maintained by the college and frequent interaction with parents is engineered from time to time. A Parent Teacher meeting is regularly conducted by most of the Departments as per their convenience to elicit their views, suggestions and feedback.

6.13 Development programmes for support staff.

The Support Staff is provided financial assistance in the form of advancement in case of any emergency by the College. Medical facility is also available to them, like any other regular employee. Blood donors Bank provides Blood to the Staff members in case of medical emergency.

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

Solar water heaters have been installed in the College on an experimental basis so reduce carbon footprints and promote eco-friendly electrification in the campus. Library, Administrative Block and Accounts Office of the College are fully automated in order to do away with paper work. The lights and fans in the class rooms and instruments in the laboratories are switched off as soon as the classes are over. A solar power plant has also been installed by the College to promote non-conventional source of energy and to create awareness amongst students and staff.

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.

The College has a system of appointing staff members on Administrative bodies like:

- ✓ The Vice Principal
- ✓ The Bursar
- ✓ The Registrar
- ✓ The Administator
- ✓ Dept. of Electricity
- ✓ Dept. of Building and Maintenance
- ✓ Dept. of Hospitality
- ✓ Staff secretary, who is the staff representative, acts as bridge between the staff and the college administration

(All the above are for two-year period on rotation basis).

- ✓ Regular meetings of Staff Council and Academic Council to discuss and deliberate staff and academic issues.

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

The IQAC makes it recommendation and submit it to the management i.e DAVCMC, New Delhi and upon obtaining their approval these recommendations are implemented for the betterment of staff (Teaching and Non-Teaching) and students. There is a system of feedback from other stakeholder namely the parents, the alumina, the industry.

7.3 Give two Best Practices of the institution

7.4 Contribution to environmental awareness / protection

All the students of under-graduate programme study the subject of Environmental Studies. Also the department of NSS organizes Seminars/rallies for environment protection. All this enlightens the students about clean environment. A solar power plant has also been installed by the College to promote non-conventional source of energy and to create awareness amongst students and staff.

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

Energy audit of the College was conducted.

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

Swot Analysis

Strength

- Experienced and dedicated and innovative staff with a keen interest in research.
- The selection of the students on merits provides us with an inventory of brilliant scholars all over the region.

Weakness

- Scarcity of space forcing vertical expansion of the premises
- University not giving permission to start new courses and other professional programmes.

Opportunity

- There is a good opportunity for the college to start UGC funded skilled development courses and own vocational courses tailor made to the need of industry
- There is a great scope for the teachers to avail of UGC funded Research projects

Threat

- More and more students opting for professional Colleges, mushrooming in and around the city and exodus of students for overseas education .

Annexure-xv

The two best practices observed by the College are:

- **Complete Decentralization of Administrative functions**
- **Autonomy to the teaching Departments in respect of day to day working within the administrative framework of college.**

Decentralization of administration

The College Administration has been completely decentralized by the creation of following offices

- The College Registrar
- The Prof-in-Charge Administration
- The College Bursar
- The Dean CCA
- The Prof-in-Charge Building
- The Prof-in-Charge Electricity

In order to achieve the following objectives:

- (i) To make the Principal free from routine paper work and provide him ample time and energy to concentrate on formulating policies and strategies for the development of the institution
- (ii) To provide a platform of office bearers described above to hold the consultations while formulating policies and strategies for the development of the institution or any emergent issue
- (iii) To provide an opportunity to the faculty members to gain administrative experience and contribute their expertise in the working of the College

Context

Administration in the College has been decentralized by the creation of following offices:

- The College Registrar
- The Prof-in-Charge Administration
- The College Bursar
- The Dean CCA
- The Prof-in-Charge Building
- The Prof-in-Charge Electricity

These posts have been created for a period of two years and any faculty member can apply for these posts and the appointment is made on the basis of seniority in the College. These posts were created for democratic and transparent functioning of the College since most of the workload of the College administration has been divided into these offices.

These offices help the Principal to engage with various bodies like affiliating university regarding starting of the new courses/ addition of a new unit in a particular programme/ issues relating to the faculty improvement programme/any other issue, DPI Colleges (Punjab) regarding the fixation of salaries of the staff members and timely release of grants and UGC and other related Research Granting Agencies for the submission of applications and release of grant for the development of infrastructure, purchase of equipment for Science Labs and the development of facilities for co-curricular and extra-curricular activities

As regards the implementation of this practice, the College undertakes the following action programmes:

The College Registrar discharges the following functions:-

- Communication of University syllabus of each programme to the teaching Departments & College Library
- Preparation of the schedule of work for each programme
- To organize an orientation programme for new faculty members regarding policies of the institution
- To organize a mentoring programme for the students of first year / semester of all programmes
- To prepare question papers for terminal examination
- To conduct College Convocation and Prize Distribution Function
- To address the queries of the students regarding any university work/attestation of documents/fee concession

The Prof-in-charge Administration looks after the following functioning:

- Maintenance of discipline in the campus
- Leave sanction of the students
- Attestation of testimonials of the students

The Bursar of the College helps the administration in formation of Annual Budget of the College and monitoring the outflow of funds.

The Prof-in-Charge building is responsible for construction /maintenance/ upkeep of infrastructure of the College

The Prof-in-Charge Electricity is responsible for providing uninterrupted power supply and safe drinking water in the College. The Dean CCA of the College organizes talent search programmes

to explore co-curriculum potential of the students and conducts various cultural activities of the College. He also prepares the students for participation in youth festival at university / state / national level.

Evidence of Success

This practice has helped the College as follows:-

- It has helped in providing effective and transparent administration
- It has provided the faculty members to gain valuable administrative experience
- It has inculcated a sense of responsibility among the faculty members
- It has helped the faculty members to develop leadership quality
- It has helped the students in the redressal of their problems
- It has helped in maintenance of discipline in the College
- It has helped the Principal to devote his energy to more constructive works
- It has provided forum of the office bearers to the Principle to hold consultations on policy matters/any emergent issue

Problems Encountered & Resources Required

Through the practice of this policy did not encounter any significant problem, yet various problems faced and rectified are as follows:-

Since appointments to these offices were made on the basis of seniority, so the junior staff members felt left out. It was amicably resolved that posts of Prof-in-Charge Building & Prof in-Charge Electricity may be left for the Junior staff members. The appointment of the junior staff is made as per the well-defined rules framed by the staff council.

The other minor problem encountered in this practice was distribution of the duties in various offices and it has been well settled by the staff council.

Office bearers are paid nominal allowance of Rs.1000 per month. Hence not much of finance is involved in it.

Autonomy to the teaching Departments

Complete autonomy is provided to the teaching Departments in order to:

- Encourage the involvement of all the faculty members in the functioning of the College
- Evaluate the workload and provide allocation of the faculty members of the Departments
- Hold Departmental meetings to devise strategy to handle new curriculum
- Forward views of the members on any curriculum designing through their representative on the board of studies in their subject at the university
- Brief the HOD about the view of the members of the Department on any policy matter to be discussed in staff council meeting
- Guide the new faculty members in improving their teaching learning process
- Appoint the co-ordinators for each course/ programme
- Organize co-curricular activities of the Departments

Context

Initially, the Departmental allocation and all issues concerning the teaching Departments were decided by the Principal of the College. This led to a few favourable teachers being always allotted the main classes. This led to frustration and ill-will among the teachers. It was, therefore, decided that the allocation of the workload of all the faculty members be decided by the concerned HOD in consultation with other members of the Departments in the Departmental meetings. Also the various teaching Departments have the liberty of organizing various curricular/co-curricular activities like Seminar / conference / workshop.

The implementation of this practice is observed as follows:

The HOD of the each teaching Department convenes a meeting of the Department before the summer break to finalize the allocation of the members of the Department for the next academic session

The various teaching Departments assign the responsibility to different members of the Department for the preparation of schedule of work for different programmes

The various teaching Departments finalize the academic and co-academic calendar of the activities of their Departments

The class coordinators monitor the uniform completion of syllabus as per schedule of work

The Departments also organize the guest lectures / Seminars /workshops for interaction with scholars of their subjects

Evidence of Success

This practice has helped the College as follows:-

- It provides equal opportunities to all the members of the Departments in the allocation of work load since allocation is made on the basis of rules framed by the teaching Departments
- It has helped in creative mutual trust among the members of the Departments
- It has helped the Principal also to focus his energy more on developmental activities of the College and discuss only policy matters regarding working of the Department with the HODs
- It has inculcated a sense of responsibility among the members of the Departments to work as a team to organize Departmental activities like quiz contests/ guest lectures/workshops to improve teaching learning process

Problems Encountered & Resources Required

Since this practice was introduced to democratize the functioning of the teaching Departments, no major problems were observed in the implementation of this practice. But every policy has its own p's and q's. A few minor problems encountered in the implementation of this practice are as follows:-

- Since allocation is made as per the norms laid down by the Department so no alternation can be made even if better options are available to teach particular subject
- Since decisions in the Departments are made on the basis of majority so sometimes some teachers develop a partial behaviour towards some colleagues

8. Plans of institution for next year

To introduced Online pool of academic output by the Faculty members on NPTEL and similar web platform.

- To introduce more smart class rooms in the College.
- The college has started a program in collaboration with Stock Broking house and the college plans to impart in house coaching for SEBI Certified courses
- To start a school of languages with a view to enhancing students' communication skill and employability.
- To provide in-house coaching facility to our students for various competitive examination.
- To initiate skill development programs for the students for enhancing their communication skills and professional acumen.
- Launching Proficiency tests for students of various departments to build their subject strength.


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Signature of the Coordinator, IQAC


Name: Dr. Rajesh Kumar
Principal
DAV College, Amritsar

Signature of the Chairperson, IQAC
