

Supplementary Self Study Report for Re-accreditation (Cycle-II)



Jagdish Chandra D.A.V. College, Dasuya
Pin-144205, Distt. Hoshiarpur Punjab (India)
Affiliated to Panjab University, Chandigarh
(Under D.A.V. College Managing Committee, Chitra Gupta Road, New Delhi)
Phone: +91-1883-286600, 286700
Fax: +91-1883-286600
Email: jcdav_dasuya@yahoo.co.in

Preface

In continuation with the self study report submitted by J.C.D.A.V. College, Dasuya, we are presenting our supplementary SSR encompassing the activities and developments that occurred after the submission of SSR. Since its inception, the college is marching ahead towards its vision to empower the youth of this kandi area through dissemination of knowledge in various courses and making them employable for their bright future. The college also serves to various societal causes and developments in the region. The activities that were held post submission of SSR, have been summarized in this report.

The following steering committee was constituted under the stewardship of Dr. Amardeep Gupta, Principal of the College.

1. Dr. Vinay Kumar (Co-ordinator)
2. Sh. M.S.Rana
3. Sh. Rakesh Kumar
4. Sh. Onkar Singh
5. Dr. Bhanu Gupta
6. Dr. Anil Kumar
7. Dr. Girish Kumar
8. Sh. Mohit K.Sharma

The Committee has endeavored hard to present a transparent picture of the college. Accreditation of the college by NAAC is an opportunity to evaluate and improve the quality assurance promised in the field of education. As we have tabled ourselves for reaccreditation, we firmly believe that our earnest desire to ascend the scale of quality will surely be accomplished.

The preparation of report has gone through a series of meetings, discussions, analysis and editing where all the faculty members have tried to be meticulous as well as honest. We, at J.C.D.A.V. College, Dasuya look forward to the visit of NAAC peer team to help us grow and develop more as a premier institution meeting with the expected norms and different criteria laid down by NAAC.

NAAC Coordinator

J.C.D.A.V. College, Dasuya

Principal

J.C.D.A.V. College, Dasuya

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name:	JAGDISH CHANDRA D.A.V. COLLEGE,
Address:	DASUYA, DISTT. HOSHIARPUR PUNJAB
City: DASUYA	Pin: 144205 State: PUNJAB
Website:	jcdav_dasuya@yahoo.co.in

2. Status of the Institution:

Affiliated College

Constituent College

Any other

(Specify)

3. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

b. By Shift

i. Day

ii. Evening

4. Source of funding :

Government

Grant-in-aid

Self-financing

any other

5. a. Date of establishment of the College 15/07/1971 (dd/mm/yyyy)

b. University to which the college is affiliated Panjab University, Chandigarh.

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd/mm/yyyy)	Remarks (IF any)
2(f) and 12 (B)	15/07/1971	-

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

Yes

No

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

Yes

No

7. Is the college recognized?

a. By UGC as a College with Potential for Excellence (CPE)

Yes

No

If yes date of recognition.....(dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes

No

8. Location of Campus area in sq.mts.

Location	Semi-Urban
Campus area (in sq.mts.)	43140
Built up area (in sq. mts.)	10046

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

9. Facilities available on the Campus.

- Auditorium/seminar complex with infrastructure facilities:

- Sports facilities

* Play Ground

* Swimming pool

* Gymnasium

-Hostel

* Girls Hostel

i. Numbers of Hostels: **One**

ii. Number of inmates- **76**

iii facilities (mention available facilities)

-Residential facilities for teaching and non-teaching staff (give members available cadre-Wise): **No**

-Cafeteria – Yes

-Health care centre – **Yes**

First aid box, inpatient, outpatient, Emergency care facility, Ambulance: **Yes**

Health centre staff-

The College health care centre has first aid box and the college has tied-up with nearby Chopra hospital for all medical urgencies.

Qualified doctor: Permanent Part Time

Qualified Nurse: Permanent Part Time

-Facilities like banking, post office, book shops: **The college premises have a branch of Punjab National Bank.**

-Transport facilities to cater to the needs of students and staff: **Two buses**

-Biodegradable waste disposal: **Yes, (Vermicomposting unit)**

-Generator or other facility for management/regulation of electricity and voltage: **Three generators**

-Water recharging: **Two rain water harvesting systems**

10 Does the college offer self financed Programmes?

Yes No

If yes how many?

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	02
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12 List the departments:

Faculty	Departments (eg, Physics, Botany, History etc)	UG	PG	Research
Science	Physics	✓	✓	No research center, but teachers involved in research
	Chemistry, Math, Zoology	✓	✓	
	Botany	✓		
Arts	Punjabi	✓	✓	
	History	✓	✓	
	English	✓	✓	
	Political Science, Economics, Hindi Biotechnology (Hons.) Physical Education	✓		
Commerce	Commerce	✓		
Others	Computer Science	BCA	✓	✓
		PGDCA		

13. Number of Programmes offered under (Programme means a degree course like BA, BSc, BCA, BSc-Bio-Tech, MA, Msc...)

a. Annual System	05 Programmes (UGC Sponsored Career Oriented Programmes) Hardware and Maintenance Travel and Tourism Management Retail Sales Management Journalism and Management
b. Semester System	15 Programmes M.Sc. (Mathematics), M.Sc. (Physics), M.Sc. (Chemistry), M.Sc. (IT), M.Sc. (Zoology), MA (Eng), MA (Pbi), MA (History), PGDCA B.Sc. (NM), B.Sc. (Med), B.Sc. Biotechnology (Hons.), B.C.A, B.Com., B.A.

14. Number of Programmes with

- a. Choice Based Credit System – **NIL**
- b. Inter /multidisciplinary Approach – **NIL**
- c. Any other (specify and provide details) – **NIL**

15. Number of New teaching and non-teaching Appointments

Permanent teaching appointments in the department of:

Economics	-1
English	-1
Punjabi	-1
Zoology	-1

16. Is the college applying for

Accreditation: Cycle1 Cycle2 Cycle3 Cycle4

Re-Assessment:

(cycle 1 refers to first accreditation and cycle2,cycle3 and cycle4 refers to re-accreditation)

17. Date of accreditation *(applicable for Cycle2, Cycle3, Cycle4 and re-assessment only)

Cycle1 **September 04, 2010** Accreditation Outcome/Result: **Grade A (CGPA=3.11)**

Cycle2: **September 18-19, 2017** Accreditation Outcome/Result: **Yet to be accredited**

Cycle3: :.....(dd/mm/yyyy) Accreditation Outcome/Result.....

18. Date of establishment of Internal Quality Assurance Cell (IQAC): **18.01.2011**

19. Detail regarding submission of annual quality Assurance Report (AQAR) to

NAAC

AQAR (i) 2010-11, 25/06/15

AQAR (ii) 2011-12, 25/06/15

AQAR (iii) 2012-13, 25/06/15

AQAR (iv) 2013-14, 26/08/15

AQAR (v) 2014-15, 16/03/16

AQAR (iv) 2015-16, 28/11/16

AQAR (v) 2016-17, 04/09/17

2. Criteria - wise Inputs

CRITERION I: CURRICULAR ASPECTS

Vision, Mission and Objectives of the Institution

The college, being a member of the DAV fraternity, believes in the teachings of Swami Dayanand Saraswati. The college upholds the motto “*Lead us from Darkness to Light, Lead us from Ignorance to Knowledge*”. In the realization of its vision of emancipation and empowerment of students through value-based holistic education, the college tries to maintain a correct blend of ethical and moral values with the latest teaching methodologies to make the students socially and skillfully competent at global level. Focusing on the needs of society and commitment for quality, the college has defined its objectives and has drawn a clear perspective plan for future development and for maintaining competitive edge by focusing on quality education.

Vision

Jagdish Chandra D.A.V. College was setup with a vision to empower the youth of the vicinity through education to dispel ignorance and promote knowledge. The institution aims at making the students professionally skilled, academically sound and vocationally trained to face the global challenges and to be economically self-sufficient for the sustenance of life.

Following are the aims of the college:

- To impart IT enabled education to the students.
- To provide a conducive atmosphere for the intellectual, spiritual and academic growth of the blooming flowers.
- To seek and establish need-based and job oriented innovative courses.
- To strengthen the quality of teaching as well as research in the college.
- To stress on the growth and development of students through their participation in co-curricular activities.
- To sensitize the students towards environmental concerns, national and international issues.
- To imbibe moral values, professional attitude and communal harmony to make our students socially responsible citizens.
- To nurture the lofty ideals of Vedic culture and Swami Dayanand.

Mission

The mission of the college is to convert the goals and objectives into reality through constant and sincere efforts, undertaking all programs, facing all challenges, to enable the youth to be fully enlightened, empowered, skilled and a confident entity for the society and the nation.

The college aims at blending traditional Vedic Education with the modern technological advancement, thus, enabling the students to lead an exemplary life personifying the rich, unique cultural, ethnic and global value enshrined in the heritage of India.

In order to meet with the emerging global needs, this college is developing as a leading Science college of the area imparting advanced education in all streams, especially Science and Information Technology.

The mission of the college is to spread quality education among students by focusing on their all-round development. We strive to bestow our students with the essential doctrine of fostering a healthy human resource blessed intellectually, morally, spiritually as well as physically.

Objectives

The main objective of the institution is to transform the students into well-responsible citizens through a committed pattern of instruction, based on carefully prepared and meticulously designed curricular aspects. The changing needs of the time are the basis for building a rich corpus of talent. The other objectives are:

- To uphold and instill Vedic values and propagate the message & teachings of Swami Dayanand with modern scientific thinking.
- To generate healthy atmosphere for imparting quality education.
- To monitor the physical, intellectual and moral growth of the students so that they may be shaped into confident and disciplined individuals with a drive to serve the society.
- To cultivate scientific and rational outlook in the students for approaching life in a rational and responsible manner.
- To imbibe a genuine concern and sensitivity towards planet Earth and its environment.
- To generate a humane and kind attitude towards human rights, especially the rights of women.

These goals and objectives are realized through classroom teaching, community-oriented activities and interactions with the Principal. All these aspects are made known to the new staff members by the Principal. He shares the vision, mission and objectives of the college while interacting with the entrants to the college on the very

first day of every session. The following methods are employed to communicate the vision, mission and objectives of the college to the stakeholders:

- The college's mission and vision are displayed at the main entrance of the college.
- These are communicated to the students through the prospectus, the college magazine and during the orientation programs.
- The vision and mission statement of the college is also posted on the college website.

The college has taken following initiatives post submitting Self Study Report:

Following members now have representation in Board of studies in Panjab University Chandigarh from April 2017.

- Prof. Rakesh Kumar
- Dr Bhanu Gupta
- Dr Anil Kumar
- Dr. Rajesh Kumar
- Dr. Vinay Kumar
- Prof. Deepak Saini
- Prof. Rajesh Kumar
- Prof. Deepak Kumar
- Dr.Amandeep Rana
- **Department of Physics** organized an Extension lecture on the topic entitled “Digital Electronics” on March 25, 2017 by Dr. M.D. Sharma Panjab University Chandigarh.
- **Department of Mathematics** organized an Extension lecture on the topic entitled “Analysis” on March 28, 2017 by Dr. Gursharanjit Singh, Panjab University Chandigarh.
- **Department of Political Science** organized a lecture on “Superpower role in South Asia” by special resource person, Dr. Devinder Singh, Associate Professor (*retd.*) SPN College, Mukerian on August 11, 2017.
- **Department of Political Science** organized a lecture on “Politicization of religion and its effects on Indian politics” by special resource person, Prof.

Rajinder Kaur, Associate Professor GTB College, Dasuya on September 09, 2017.

- **Department of Economics** organized an Extension lecture on the topic entitled “Budget” on March 14, 2017 by Prof. Naveen Sood, DAV College, Jalandhar.
- **Department of Economics organized** an Extension Lecture on the topic “Economics-some basic concepts” on August 17, 2017 by Dr. Sanjeev Kaushal, S.M.D.R.S.D. College, Pathankot.
- **Department of Commerce** organized an Extension lecture on the topic “GST” on March 14, 2017 by Prof. Rajiv Puri, Department of Commerce DAV College, Jalandhar.
- The **NCC** cadets of the college under the stewardship of Lieut. (Dr.) Bhanu Gupta celebrated Yogaday, Van Mahotsav and Kargil Vijay Diwas on (June 21, 2017, August 07, 2017, August 26, 2017) respectively.
- The **NSS** Volunteers participated in the **quiz.mygov.in** on line and organized a one day camp at village Jalota along with tree plantation program on September 02, 2017.
- **Youth Welfare Club** celebrated International Youth Day on August 12, 2017. Principal Dr. Amardeep Gupta delivered a talk to the members of club on the topic “SAVE WATER”. Members of the club took pledge to SAVE WATER and spread awareness regarding saving “Water”.
- **Youth Welfare Club** organized a Seminar on Eye Donation Awareness on August 30, 2017. Eye donation association Hoshiarpur visited the college and delivered a talk to members of club. Members of the club took pledge to spread awareness regarding Eye donation.
- **Department of EMA** organized Plantation of medicinal plant in college campus on dated 24/08/2017. Took New India pledge on occasion of 70th year of Independence and 75th year of Quit India Movement on September 08, 2017.
- **Department of EMA** organized Talent hunt function to bring out the latent talents in students on August 29, 2017.
- **IQAC** organized a FDP on “**Introduction to NPTEL and MOOC**” on August 01, 2017 for College Teaching staff.

- **IQAC** organized a National level Seminar on ‘**Quality Assurance & Quality Enhancement: Role of ICT in Higher Education**’ on August 09, 2017.
- **IQAC** organized two separate workshops on “**Online Transactions**” for teaching as well as non-teaching staff of the college on September 6, 2017 and September 07, 2017 in collaboration with Computer Science Department.
- The feedback system is strengthened by involving alumni. An alumni meet was held on August 13, 2017. Feedback has been taken on the proformas designed particularly for the purpose. Feedback Analysis Committee has been constituted to analyze the feedback and suggest necessary initiatives.
- The delivery of curriculum has been made efficient by extending the facility of Wi-Fi and video lectures in many departments.
- Lecture on “Female Hygiene” was delivered by Dr.Vandana for the hostellers on September 5, 2017.

CRITERION II: TEACHING - LEARNING AND EVALUATION

Teaching Learning Process:

Highest qualification	Professor		Professor Associate		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D	01		02		09	04	16
M.Phil.			02	2	06	01	11
PG				01	16	34	51

Awards and Recognitions:

- **Prof. Sital Singh, Department of Punjabi** submitted his Ph.D. thesis on May 05, 2017.
- **Prof. Sital Singh, Department of Punjabi** was awarded with “Shri Guru Ravidas Yadgari Sanman 2017” by Shri Guru Ravidas Noujawan Sabha (Regd.) Shiv Puri Sham Nagar, Phagwara on February 10, 2017.
- **Prof. Rakesh Kumar, Department of Mathematics** was elected member of faculty of Science for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.

- **Dr. Bhanu Gupta, Department of Mathematics** was elected member Board of studies in Mathematics (PG) for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.
- **Dr. Anil Kumar, Department of Physics** was elected member Board of studies in Physics (PG) for the term 01-04-2017 to 31-03-2019, Panjab University Chandigarh.
- **Dr. Rajesh Kumar, Department of Physics** was elected member Board of studies in Physics (PG) for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.
- **Prof. Deepak Saini, Department of Zoology** was elected Member Board of Studies in Organic farming of Panjab University Chandigarh for the term April 01, 2017 to March 31, 2019.
- **Dr. Amandeep Rana, Department of English** was elected member Board of studies in English (UG) for the term April 01, 2017 to March 31, 2019, Panjab University, Chandigarh.
- **Dr. Vinay Kumar, Department of History** was elected member of faculty of Arts for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.
- **Dr. Vinay Kumar, Department of History** was elected member Board of studies in History (UG) for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.
- **Prof. Deepak Kumar, Department of Biotechnology** was elected member Board of studies in Biotechnology (UG) for the term April 01, 2017 to March 31, 2019, Panjab University Chandigarh.
- **Prof. Rajesh Kumar, Department of Chemistry** was elected member Board of studies in Biotechnology (UG) for the term Member, Board of Post Graduate Studies, Panjab University (2017 Onwards)

CRITERION III: RESEARCH, EXTENSION AND CONSULTANCY

The academic achievements of newly appointed Principal Dr. Amardeep Gupta have been listed below:

- Published a paper titled “**Highly Improved Bandwidth and other performance parameters of proposed Fault-Tolerant Irregular Triangle Multistage Interconnection Network**” in International Journal of Information and Telecommunication Technology, Vol. 3, Issue 1, ISSN 0976-5972 (February 2011).

- Published a paper titled **“Proposed Fault Tolerant New Irregular Augmented Shuffle Network”** in Malaysian Journal of Computer Science, Vol. 24(1),2011, ISSN 0127-9084 Impact Factor 0.74 (March 2011).
- Published a paper titled **“Reliability Analysis of Fault Tolerant Irregular Triangle Multistage Interconnection Network”** in International Journal of Information Sciences and Application, Vol. 3, Number 2, ISSN 0974-2255 (April 2011).
- Published a paper titled **“Permutation Performance Analysis of Triangle and Quad Tree Network”** in International Journal of Wireless Communications and Networking, Vol.5, No.1, ISSN 0975-7163(January-June 2013).
- Published a paper titled **“Analysis and Comparison of the Routes Availability in Proposed Class of Fault Tolerant Irregular Multistage Interconnection Networks”** In Advances in Computational Sciences and Technology, Vol.6, No. 2 ISSN 0973-6107 (July 2013).
- Published a paper titled **“Evaluation and Comparison of Incremental Permutation Passable of same stage Class of Multistage Interconnection Networks”** in International Journal in IT and Engineering, Vol. 1, Issue 4 ISSN 2321-1776 Impact Factor 6.341 (August 2013)
- Published a paper titled **“Proposed Permutations Algorithms of NIASN”** in International Journal of Modern Sciences and Engineering Technology (IJMSET), Volume 1, Issue 8, 2014, pp.53-56 ISSN 2349-3755 Impact Factor 4.462 (December 2014)
- Published a paper titled **“Comparison of Optimistic and Pessimistic MTTF Bounds of NIASN with ABN”** in International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, Issue 12, ISSN 2320-9801 (An ISO 3297: 2007 Certified Organization) Impact Factor 6.577 (December 2014)
- Published a paper titled **“Bound Analysis of Proposed MALN with Alpha Network”** in International Journal of Engineering Research And Management (IJERM), Volume -01, Issue -09 ISSN : 2349 – 2058 Impact Factor 2.37 (December 2014)
- Published a paper titled **“Proposed algorithms of routing in new class of Modified Alpha Network”** in International Journal of Innovative Research

in Engineering & Multidisciplinary Physical sciences, Volume 2, Issue 3, ISSN: 2349-7300 ISO 9001:2008 Certified(December 2014)

- Published a paper titled “**Analysis of Routing Tag and Fault Tolerance of Proposed Triangle Network in the Presence of Faults**” in International Journal of Innovative Research in Computer Science & Technology (IJIRCST), Volume-3, Issue-1, ISSN: 2347-5552 Impact Factor 3.508 (January 2015)
- Published a paper titled “**Architecture Analysis of NIASN** “ in International Journal of Recent and Innovation Trends in Computing and Communication, Volume 5, Issue 6 ISSN: 23218169 Impact Factor: 5.837 (May 2017)
- Published a paper titled “**Active Memory modules in Proposed Fault Tolerant Irregular Triangle Multistage Interconnection Network**” in International Journal on Advanced Electrical and Computer Engineering, Volume 4, Issue 1, ISSN: 23499338 Impact Factor : 2.15 (May 2017)
- Published a paper titled “**Bandwidth and Cost Analysis of New Irregular Augmented Shuffle Network with Augmented Shuffle Exchange Network-2**” in International Journal of Recent Advances in Engineering & Technology, Volume 5, Issue 7-8 ISSN: 23472812 Impact Factor: 1.53 (May 2017)
- Published a paper titled “**Comparison of the routes availability in class of Irregular MINs with unequal number of stages**” in International Journal on Advanced Electrical and Computer Engineering, Volume 4, Issue 1 ISSN: 23499338 Impact Factor : 2.15 (May 2017)
- Published a paper titled “**Mean Time To Failure evaluation of Irregular MINs**” in ITSI Transactions on Electrical and Electronics Engineering, (ITSI - TEEE), Volume -5, Issue -1-2 ISSN: 23208945 Impact Factor: 2.02 (May 2017)
- Published a paper titled “**Study, Comparison and new proposal of the Indian Government’s IT Plan in enhancing the higher Education**” in International Journal of Recent Advances in Engineering & Technology, Volume-5, Issue -7-8 ISSN: 23472812 Impact Factor: 1.53 (May 2017)
- Published a paper titled “**Survey of class of Multistage Inter-connection Networks in Current Scenario**” in ITSI Transactions on Electrical and Electronics Engineering, Volume -5, Issue -1-2 ISSN: 23208945 Impact

Factor: 2.02 (May 2017)

- Published a paper titled **“Comparison of iPic with Current Trends of Servers”** in International Journal of Engineering Sciences & Research Technology, ISSN: 22779655 Impact Factor: 4.116 (June 2017)
- Published a paper titled **“Evaluation of Path Lengths in Proposed Triangle Network”** in International Journal of Recent and Innovation Trends in Computing and Communication ISSN: 23218169 Impact Factor : 5.837 (June 2017)
- Published a paper titled **“Role Of E-Learning Through Internet Collaboration For Skilled India”** in International Journal of Engineering Sciences & Research Technology, ISSN: 22779655 Impact Factor: 4.116 (June 2017)
- Published a paper titled **“Networking Protocols for Extraterrestrial Intelligence”** in SSRG International Journal of Computer Science and Engineering ISSN: 23488387 Impact Factor 2.15 (June 2017)
- Published a paper titled **“Identical and Incremental Routes Availability in Proposed MIN MALN and comparison with Alpha Network”** in Journal on Information Technology ISSN: 22775110 (June 2017)

Papers published in National Conferences/Seminars Proceedings as full papers

- Published a paper titled **“Specialist agents for Network security”** in UGC Sponsored National Seminar cum Workshop on Wi-Fi held at Khalsa College for Women, Amritsar on March 2-3 -2011
- Published a paper titled **“Bandwidth and Cost Analysis of New Irregular Augmented Shuffle Network with Augmented Shuffle Exchange Network-2”** proceedings in seminar held at Shanti Devi Arya Mahila College, Dinanagar with ISBN 978-93-84138-28-8 on February 14, 2015

Text Books- Co-authored & published by National Publishers

- *Published a book titled “Soft Computing” (First Author) ISBN 978-93-272-1418-5, Kalyani Publishers, New Delhi (2012)*
- *Published a book titled “Fuzzy System” (First Author) ISBN 978-93-272-2687-4, Kalyani Publishers, New Delhi (2013)*
- *Published a book titled “Artificial Neural Networks” (First Author) ISBN*

978-93-272-2671-3, Kalyani Publishers, New Delhi (2013)

- *Published a book titled “Object Oriented Modeling Analysis and Design”* (First Author) ISBN 978-93-272-2860-1, Kalyani Publishers, New Delhi (2013)
- *Published a book titled “Information System”* (First Author) ISBN 978-81-927875-7-2, Chopra Publishing Co., Jalandhar City(2014)
- *Published a book titled “Networks Concepts and Management”* (Sole Author) ISBN 978-93-272-5702-1 Kalyani Publishers, New Delhi (2015)
- *Published a book titled “Computers Fundamentals”* (First Author) ISBN 978-93-272-6593-4 Kalyani Publishers, New Delhi (2016)

Refresher courses, Methodology workshops, FDP etc.

- Attended a One week National Workshop on Research Methodology organized by Department of Business Management, GNDU Regional Campus, Gurdaspur (June 6 -12,2011)

Papers presented in Conferences/Seminars/Workshops etc.

- Presented a paper on Perspectives and methods to Improve Human Values Through Computer and Information Technology in UGC Sponsored Seminar on Promotion of Ethics & Human Values Organized by DAV College, Amritsar (October 13, 2011)
- Presented a paper on Strategies for social networking : Threats and solutions in UGC Sponsored National Seminar on Social Networking sites: Boon or Bane organized by Prem Chand Markanda S D College for Women, Jalandhar, Punjab (October 17,2011)
- Presented a paper on **Comparison Analysis of the proposed Multistage Interconnection Networks** in National Seminar on Emerging Technologies in Computing organized by Dev Samaj College for Women, Ferozepur City, Punjab (November 30, 2011)
- Presented a paper on **Analysis of Extra stage Static and Dynamic Network** in UGC Sponsored 2nd International Conference on Innovative Developments in ICT-Today and Tomorrow organized by Post Graduate Department of Computer Science & IT, DAV College, Amritsar, Punjab in (March 2-3,2013)

- Presented a paper on **Role of Internet and electronic media to improve opportunities of tourism** in rural Punjab in National Seminar on Historical Perspective and recent trends of tourism in Punjab under Indian council of Social Science Research organized by Post Graduate Department of History/Travel and Tourism, D AV College, Amritsar, Punjab (March 29 ,2014)
- Presented a paper on **Role of IT in Bridging the Gap between Social Inequality** in One day National Seminar on Social Justice and Indian Constitution: Dr. BR Ambedkar organized by Post Graduate Department of History, D AV College, Amritsar, Punjab (October 24 ,2015)

Department of Punjabi

Prof. Sital Singh

Papers presented:

- Presented a paper on ‘Gurbani de parsang vich naitik kadran kimtan’, One day National seminar, PG Department of Punjabi, Guru Teg Bahadar Khalsa College For Women, Dasuya-144205, 2 March, 2017.
- Presented a paper on ‘Loktantra de paripekha which Dr. B.R. Ambedkar de vichar’, UGC Sponsored one day National Conference on ‘Impact of Dr. Ambedkar’s ideas on Indian Democracy’ organized by Dr. Ambedkar Studies Centre and PG Department of History, J.C. D.A.V. College Dasuya on 29 March, 2017.
- Presented a paper on ‘Bharti Darshan de parsang vich Mahatma Gandhi de Adhyatmak vichardhera’, UGC Sponsored one day National Conference on ‘Spiritual Aspects of Gandhian Philosophy’, organized by Gandhian Studies Centre and PG Department of History, J.C. D.A.V. College Dasuya on 30 March, 2017.

Seminar Attended:

- Attended Seminar on National Level Seminar on ‘Quality Assurance And Quality Enhancement: Role of ICT in Higher Education’ organized by INTERNAL QUALITY ASSURANCE CELL’ J.C. D.A.V. College Dasuya on August 09, 2017.

Department of Physics

Dr. Anil Kumar

Papers published:

- Information Entropy of Modified Hylleraas plus Rosen-Morse Potential and Squeezed States, **Anil Kumar**, Pooja, A. Sharma and R. Gupta, International Journal of Quantum Chemistry, 117, 25368 (2017), **Impact Factor: 2.92**, ISSN No. 1097-461X.
- Information Entropy of Nanostructure systems, **Anil Kumar**, Rajesh Kumar, International journal of Emerging Trends in Science and Technology, 2017, ISSN No. 2348-9480.
- Zinc Oxide Nanostructures-Based Dye-Sensitized Solar Cells: A Review, Rajesh Kumar, Ahmad Umar, Girish Kumar, Hari Singh Nalwa, **Anil Kumar**, M.S. Akhtar, Journal of Materials Science, 2017, **Impact Factor: 2.302**, ISSN No. 0022-2461.
- Rearranging the Information Entropy, **Anil Kumar**, Int. Jour. Pure & App. Phys., 13(1), 2017, ISSN No. 0973-1776.

Course Attended:

- Dr. Anil Kumar attended short term course on Research Methodology organized by HRDC, GNDU, Amritsar from 27.05.2017 to 02.06.2017.

Books Published

- “**Information Entropy and Isospectral Hamiltonians**” ” Lap Lambert Academic Publishing with **ISBN: 978-3-330-04929-1, (2017)**.

Dr. Rajesh Kumar

Papers published:

- Information Entropy of Nanostructure systems, Anil Kumar, **Rajesh Kumar**, International journal of Emerging Trends in Science and Technology , 2017, ISSN No. 2348-9480.
- Systematic study of octupole correlation in the A~130 mass region , Gurmeet Kumar, **Rajesh Kumar**, Surender Kumar, in International Journal of Pure and Applied Physics, Volume 13, No. 1 pp 89-95 (2017)

Department of Chemistry

Prof. Kamal Kishore

Books Published

- ਨਸ਼ਾਖੋਰੀ ਰੋਕਾਥਮ ਪ੍ਰਬੰਧਨ
- Drug Abuse prevention and management
- Inorganic Chemistry SEM VI
- Organic Chemistry SEM VI
- Physical chemistry SEM VI

Prof. Rajesh Kumar

Papers published:

- Ag-doped ZnO nanoparticles for enhanced ethanol gas sensing application, Ahmad Umar, M. Ajmal Khan, **Rajesh Kumar**, H. Algarni, *Journal of Nanoscience and Nanotechnology* (2017) (Accepted manuscript). Impact Factor: **1.483**.
- Grafted cellulose: a bio-based polymer for durable applications, **Rajesh Kumar**, Rajeev Kr Sharma, Anirudh P Singh, *Polymer Bulletin* (2017) (Accepted manuscript). Impact Factor: **1.430**.
- Fabrication and characterizations of ethanol sensor based on CuO nanoparticles, Yas Al-Hadeethi, Ahmad Umar, **Rajesh Kumar**, Saleh. H. Al-Heniti, Bahaudin M. Raffah, *Journal of Nanoscience and Nanotechnology* (2017) (Accepted manuscript). Impact Factor: **1.483**.
- Extraction of cellulose micro-whiskers from rice husk: A greener approach, Rajeev Kr. Sharma, **Rajesh Kumar**, and Anirudh P. Singh, *Journal of Nanoscience and Nanotechnology* (2017) (Accepted manuscript). Impact Factor: **1.483**.
- Two-dimensional ytterbium oxide nanodisks based biosensor for selective detection of urea, Ahmed A. Ibrahim, Rafiq Ahmad, Ahmad Umar, M.S. Al-Assiri, A.E. Al-Salami, **Rajesh Kumar**, S.G. Ansari, S. Baskoutas, *Biosensors and Bioelectronics*, 98, 254-260 December (2017). Impact Factor: **7.780**.
- CuO nanosheets as potential scaffolds for gas sensing applications, Yas Al-Hadeethi, Ahmad Umar, Saleh. H. Al-Heniti, **Rajesh Kumar**, Bahaudin M. Raffah, *Sensors and Actuators-B: Chemical*, 250, 24-31 October (2017) Impact Factor: **5.401**.

- Fabrication and characterization of highly sensitive acetone chemical sensor based on ZnO nanoballs, Qu Zhou, Chang Xiang Hong, Yao Yao, Ahmed Mohamed Ibrahim, Lingna Xu, **Rajesh Kumar**, Sumaia Mohamed Talballa, S. H. Kim Ahmad Umar, *Materials* 10, 799 July (2017). Impact Factor: **2.654**.
- Highly-sensitive picric acid chemical sensor based on ZnO nanopanicles, Ahmed A. Ibrahim, Preeti Tiwari, M.S. Al-Assiri, A. E. Al-Salami, Ahmad Umar, **Rajesh Kumar**, S. H. Kim, Z.A. Ansari, S. Baskoutas, *Materials* 10, 795 July (2017). Impact Factor: **2.654**.
- Synthesis, characterization and acetone gas sensing applications of Ag-doped ZnO nanoneedles, Yas Al-Hadeethi, Ahmad Umar, Ahmed A. Ibrahim, Saleh. H. Al-Heniti, **Rajesh Kumar**, S. Baskoutas, Bahaudin M. Raffah, *Ceramics International*, 43, 6765–6770 June (2017) Impact Factor: **2.986**.
- Zinc oxide nanostructures-based dye-sensitized solar cells, **Rajesh Kumar**, Ahmad Umar, Girish Kumar, Hari Singh Nalwa, Anil Kumar, M.S. Akhtar, *Journal of Materials Science* 52 (9), 4743-4795 May (2017). Impact Factor: **2.599**.
- Cellulose based grafted biosorbents - Journey from lignocellulose biomass to toxic metal ions sorption applications - A review, **Rajesh Kumar**, Rajeev Kr. Sharma, Anirudh P. Singh, *Journal of Molecular Liquids*, 232, 62-93 April (2017). Impact Factor: **3.648**.
- Antimicrobial properties of ZnO nanomaterials: A review, **Rajesh Kumar**, Ahmad Umar, Girish Kumar, and Hari Singh Nalwa, *Ceramics International*, 43 (5) 3940–3961 April (2017) Impact Factor: **2.986**.
- 2D Sn-doped ZnO ultrathin nanosheet networks for enhanced acetone gas sensing application, Y. Al-Hadeethi, Ahmad Umar, S.H. Al-Heniti, **Rajesh Kumar**, S.H. Kim, X. Zhang, *Ceramics International*, 43 (2) 2418-2423 February (2017). Impact Factor: **2.986**
- Synthesis and characterization of CuO nanodisks for high-sensitive and selective ethanol gas sensor applications, Ahmad Umar, Jong-Heun Lee, **Rajesh Kumar**, O. Al-Dossary, *Journal of Nanoscience and Nanotechnology* 17 (2) February (2017) 1455-1459. Impact Factor: **1.483**.

Course Attended

- Prof. Rajesh Kumar attended short term course on Research Methodology organized by HRDC, GNDU, and Amritsar from May 27, 2017 to June 02, 2017.

Books/Book Chapters:**Chapters:**

1. CuO Nanomaterials for Sensor Applications, Girish Kumar, **Rajesh Kumar**, Ahmad Umar, Yao Wang, Iqbal M. I. Ismail, Suvarcha Chauhan, and M. S. Chauhan, *Nanomaterials-based Flexible and Multifunctional Sensors*, Edited by Eric Singh and Hari Singh Nalwa (American Scientific Publishers), Chapter-3 (ISSN: 1-58883-257-0).

Dr. Girish Kumar**Papers published**

- Zinc oxide nanostructures-based dye-sensitized solar cells, **Rajesh Kumar**, Ahmad Umar, Girish Kumar, Hari Singh Nalwa, Anil Kumar, M.S. Akhtar, *Journal of Materials Science* 52 (9), 4743-4795 May (2017). Impact Factor: **2.599**.
- Antimicrobial properties of ZnO nanomaterials: A review, **Rajesh Kumar**, Ahmad Umar, Girish Kumar, and Hari Singh Nalwa, *Ceramics International*, 43 (5) 3940–3961 April (2017) Impact Factor: **2.986**.

Course Attended:

- Dr. Girish Kumar attended short term course on Research Methodology organized by
HRDC, GNDU, Amritsar from 27.05.2017 to 02.06.2017.

PG Department of Zoology**Prof. DEEPAK SAINI****Conference Attended:**

- Attended one day UGC Sponsored National Conference on “*Impact of Dr. Ambedkar’s ideas on Indian Democracy*” organized Dr. Ambedkar studies Centre by PG Dept. of History, JCDAV College, Dasuya on March 29, 2017.
- Attended one day UGC Sponsored National Conference on “*Spiritual aspects of Gandhian Philosophy*” organized by Gandhian Study Centre & PG Department of History, JCDAV College, Dasuya on March 30, 2017.

- Attended one day National level Seminar on “**Quality assurance & Quality enhancement: The role of ICT in Higher Education**” organized by internal quality assurance cell (IQAC), JCDAV College, Dasuya on August 09, 2017.

Dr. JAYPINDER KAUR ROOP

Conference Attended:

- Attended one day UGC Sponsored National Conference on “**Impact of Dr. Ambedkar’s ideas on Indian Democracy**” organized Dr. Ambedkar studies Centre by PG Dept. of History, JCDAV College, Dasuya on March 29, 2017.
- Attended one day UGC Sponsored National Conference on “**Spiritual aspects of Gandhian Philosophy**” organized by Gandhian Study Centre & PG Department of History, JCDAV College, Dasuya on March 30, 2017.

Seminar Attended:

- Attended one day National level Seminar on “**Quality assurance & Quality enhancement: The role of ICT in Higher Education**” organized by internal quality assurance cell (IQAC), JCDAV College, Dasuya on August 09, 2017.

Course Attended:

- Participated in one week Short term course on “**Research Methodology**” at HRDC/ASC, GNDU (UGC-Human Resource Development Centre) from 27.05.2017 to 02.06.2017.

Prof. KAMAL MEHTA

Conferences Attended.

- Attended one day UGC Sponsored National Conference on “**Impact of Dr. Ambedkar’s ideas on Indian Democracy**” organized Dr. Ambedkar studies Centre by PG Dept. of History, JCDAV College, Dasuya on March 29, 2017.
- Attended one day UGC Sponsored National Conference on “**Spiritual aspects of Gandhian Philosophy**” organized by Gandhian Study Centre & PG Department of History, JCDAV College, Dasuya on March 30, 2017.

Seminar Attended

- Attended one day National level Seminar on **“Quality assurance & Quality enhancement: The role of ICT in Higher Education”** organized by internal quality assurance cell (IQAC), JCDAV College, Dasuya on August 09, 2017.

Papers Published:

- Research paper (Review) titled- **“Impact of temperature on contaminant toxicity in fish fauna: A Review”** published in Referred/Peer reviewed & indexed **Indian Journal of Science and technology** Vol.10 issue 18, May 2017 With Impact factor: 4.822 and *ISSN (Print): 0974-6846, ISSN (Online): 0974-5645*2319-7064 (page no. 1189-1193) DOI: 10.17485/ijst/2017/v10i18/112663. (Indexed in Web of Science & Thomson Reuters –Zoological Records)
- Research paper (Review) titled- **“Pathophysiology, Diagnosis and Management of Hyponatremia: A Review”** published in Referred/Peer reviewed & indexed **International Journal of Scientific engineering and research [IJSER]** Vol.5 issue 7, July 2017 With Impact factor: 3.791(2015) and *ISSN (Online): 2347-3878* (page no.389-393).
- Research paper (Review) titled- **“Vermicomposting: A Potential technology for sustainable agriculture and waste management”** published in Referred/Peer reviewed & indexed- **International Journal Of Emerging trends in Science & Technology [IJETST]** Vol. 04 issue 07, August 2017 With Impact factor: 4.219 and *ISSN : 2348-9480* (page no.5811-5815) DOI:<http://dx.doi.org/10.18535/ijetst/v4i8.57>

Course Attended

- Participated in one week Short term course on **“Research Methodology”** at HRDC/ASC, GNDU (UGC-Human Resource Development Centre) from 27.05.2017 to 02.06.2017.

Department of Computer Science.**Sh. Mohit K. Sharma****Course Attended**

- Participated in Refresher Course in Research Methodology in Social Sciences from 23-12-2016 to 12-01-2017 organized by UGC HRDC, Guru Nanak Dev University, Amritsar and obtained 'A' grade.

Papers presented:

Paper Presented on "Emerging Trends of Online Shopping" in context of India in two day National Conference on Emerging trends in Electronics & Computer Engineering dated Feb 10th -11th, 2017 at Guru Nanak Dev University, Regional Campus, Gurdaspur.

- Paper Presented on Cloud Computing for Online Shopping in one day National Seminar Cloud Computing on dated March 23th, 2017 at RR Bawa DAV College for Girls, Batala.

Papers published:

- Research Paper "Electronic Cash over the Internet and Security Solutions" published in Volume 8 Issue 1 January February 2017 edition of International Journal of Advanced Research in Computer Science (ICI & UGC Recognized Journal) ISSN No. 0976-5697-page no. 229-232
- Research Paper "A Study of SDLC to develop well engineered software" published in Volume 8 Issue 3 March April 2017 edition of International Journal of Advanced Research in Computer Science (ICI & UGC Recognized Journal) ISSN No. 0976-5697-page no. 520-523

Prof. Jagdeep Singh**Papers presented:**

- "Attribute of 5G: The future of Wireless Communication" in two-day National Conference on Emerging trends in Electronics & Computer Engineering dated

Feb 10th -11th, 2017 at Guru Nanak Dev University, Regional Campus, Gurdaspur.

- “Cloud Computing – An Overview” in one-day National Seminar Cloud Computing on dated March 23th, 2017 at RR Bawa DAV College for Girls, Batala.

Department of Mathematics

Dr Bhanu Gupta

Conference Attended:

- Attended UGC Sponsored One Day National Conference on Spiritual Aspects of Gandhian Philosophy on March 30, 2017 organized by Gandhian Studies Centre & PG Department of History, JC DAV College Dasuya.

Papers presented:

- Presented a paper titled “Simulation of Integrated Pest Management for Impulsive Model” in DST-SERB sponsored National Conference on “Recent Trends in Numerical Analysis and Computational Techniques (RTNACT-2017)” on March 28-29, 2017 organized by Department of Applied Sciences DAVIET Jalandhar.

Paper published:

- Published a paper titled “Local and Global Stability of Impulsive Pest Management Model with Biological Hybrid Control” in International Journal of Mathematical Sciences and Engineering Research, Vol. 11, No. 11, 2017 ISSN 0973-9424.

Prof.Amit Sharma

Seminar Attended:

- Attended National Level Seminar on Quality Assurance & Quality Enhancement: Role of ICT in Higher Education on August 09, 2017 Organized by IQAC JCDAV College Dasuya.

Conference Attended:

- Attended UGC Sponsored One Day National Conference on Spiritual Aspects of Gandhian Philosophy on March 30 ,2017 organized by Gandhian Studies Centre & PG Department of History, JC DAV College Dasuya.

Papers presented:

- Presented a paper titled “Simulation of Integrated Pest Management for Impulsive Model” in DST-SERB sponsored National Conference on “Recent Trends in Numerical Analysis and Computational Techniques (RTNACT-2017)” on March 28-29, 2017 organized by Department of Applied Sciences DAVIET Jalandhar.
- Presented a paper titled “Numerical simulation of an impulsive model IPM using MATLAB” in National Seminar on “Recent Advances in Mathematical Research” on February 11, 2017 organized by Department of Mathematics, R.G. Government College Saha (Ambala).

Prof.Sukhpal Rana**Course Attended**

- Attended Refresher Course at ASC B.P.S. Mahila Vishwayavidalya, Khanpur Kalan, Sonipat from July 7, 2017 to July 25, 2017.

Department of Political Science**Dr. Mukta Soni****Course Attended**

- Attended short term course on **Research Methodology** at Guru Nanak Dev University, Amritsar from May 27, 2017 to June 2, 2017.

Department of English**Dr. Amandeep Rana****Papers published:**

- Published a paper “Mapping the Sacred in R.K.Narayan” Contextualizing spiritual suffering in the English teacher” in “ The Criterion: An international Journal in English” Volume 8:2(2017)
- Published a paper “English gets short shrift:- A Comparative study of the standard of English in PSEB Affiliated School in Panjab”. in i – Manager’s Journal on English language teaching “Vol.7:2 (2017)

Dr. Nargis Dhillon**Papers published:**

- Published a paper titled, **“The Street by Ann Petry: A Quagmire of Environmental & Economic Oppression”** in Research Scholar :An International Refereed e-Journal of Literary Explorations. Vol 5 Issue1,76-81(Feb,2017) ISSN 2320-6101, Impact Factor 0.998

Department of Biotechnology**Prof. Deepak Kumar****Paper presented:**

- Presented a paper entitled “study of avifaunal diversity of Kali Bein” Punjab in “National seminar on “Challenging in sustainable management of natural resources held on 24th-25 March 2017 in Department of Zoology in Kurukshetra university, Kurukshetra Haryana .

Seminar Attended:

- Attended national seminar on Quality assurance & enhancement role of ICT in higher education held on 09 August 2017 at JCDAV College Dasuya, Hoshiarpur Punjab.

Department of History**Dr. Vinay Kumar****Conferences Attended**

- Chaired a Technical Session “State Politics: Problems & Suggestions” on February 18, 2017 at Mata Ganga Khalsa College, Kottan, Ludhiana.
- Convened a National Level Conference (UGC Sponsored) on the topic “Spiritual Aspects of Gandhian Philosophy” on March 30, 2017 at JC DAV College, Dasuya.
- Convened a National Level Conference (UGC Sponsored) on the topic “Impact of Dr. Ambedkar’s ideas on Indian Democracy’ on 29th March, 2017 at JC DAV College, Dasuya

Paper published

1. Published a Paper entitled “Early Dalit Movements in Modern India” in International Journal of Research Vol-04 Issue- 06 May , 2017 **ISSN No. 23486848** with [Impact factor 5.60](#).
2. Published a Paper entitled “An Analysis of the Historical Evolution of Value Based Education: A Religious Perspective” in International Journal

of Research Vol- 04 Issue-03 March, 2017, **ISSN No. 23486848** with [Impact factor 5.60](#).

3. Published a paper entitled “Paramount Electoral Vision in Punjab: A British Perception” in International Journal of Research Vol-04 Issue- 02 February 2017, **ISSN No. 23486848** with [Impact factor 5.60](#).

Department of Commerce

Dr. R. K. Mahajan

- Published a paper on topic “Rural Tourism in India- Its Impact Challenges and Opportunities”, Radix International Journal and research in Social Sciences, 4(6), 1-4, 2017, ISSN: 2250-3994. (SJIF: 4.39)(IIF: 4.22)

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

Physical Facilities

- Number of Books have been added to the college library.
- Furniture for general office, Accounts office and Staff room has been added as per the requirement.
- Requirements given by various departments have been fulfilled.
- Up gradation of sports ground has been done.
- Library hours extended for the students.
- One more reading room has been added for the facility of students.
- College has purchased the following sports articles

1. Football	-	6
2. Basket ball	-	6
3. Volley ball	-	6
4. Badminton net	-	2
5. Shuttle cock	-	10pkt
6. Cricket ball	-	24
7. Cricket mats full	-	01
8. Football net	-	01
9. Volley ball net	-	02
10. Cricket net	-	01
11. Hockey Stick	-	10
12. Hockey Balls	-	12
13. Dumbles	-	10kg

IT Infrastructure

To enhance the IT infrastructure, the college added following items in PG Computer Department.

- | | | |
|--------------------------|---|----|
| 1. Multimedia Projectors | - | 02 |
| 2. Computers | - | 04 |
| 3. UPS | - | 14 |
| 4. Printer | - | 01 |

CRITERION V: STUDENT SUPPORT AND PROGRESSION

1.1 Student Mentoring and Support

Student Council

- Student Council for the session 2017-18 has been constituted.

Sports Activities

Following List of teams have been created for the session 2017-18.

1. Volleyball – Men
2. Kabaddi (NS) – Men
3. Athletics – Men
4. Athletics – Women
5. Cricket – Men
6. Badminton –Men
7. Badminton –Women
8. Body Building –Men
9. Power Lifting – Men
10. Wrestling – Men
11. Wsho – Men

National Cadet Corps (N.C.C.)

- Lieut. (Dr.) Bhanu Gupta completed 3 months PRCN course from December 05, 2016 to March 04, 2017 with 'A' grade. During the course, he was honored with the rank of SUO and also discharged the duties of training officer.
- NCC cadets celebrated Yoga Day on June 21, 2017.
- NCC cadets celebrated Kargil Vijay Diwas on August 26, 2017.
- NCC cadets celebrated Van Mohotsav on August 07, 2017.
- 22 NCC cadets attended Annual Training Camp from August 08, 2017.
- 05 NCC cadets attended Army Attachment Camp from August 25 to September 08, 2017.

NSS

- NSS Volunteers celebrated Van mahotsav on 7/08/2017.
- NSS Volunteers participated in the quiz.mygov.in on line.
- One day camp was organized at village Jalota along with the tree plantation programme on September 02, 2017

Youth Welfare Activities

- International Youth day was celebrated on August 12, 2017. Principal Dr. Amardeep Gupta delivered a talk to the members of club on the topic “**SAVE WATER**”. Members of the club took pledge to SAVE WATER and spread awareness regarding saving WATER.
- Seminar on **Eye Donation Awareness** was organized o August 30, 2017. Eye donation association Hoshiarpur visited the college and delivered talks, after which the Members of club took pledge to spread awareness regarding Eye donation.

IQAC Activities

- Organized a FDP on “**Introduction to NPTEL and MOOC**” on August 01, 2017 for College Teaching staff.
- Organized a National level Seminar on ‘**Quality Assurance & Quality Enhancement: Role of ICT in Higher Education**’ on August 09, 2017.
- Organized a workshop “**Online Transactions**” on 06/09/2017 for College Teaching staff in collaboration with Computer Science Department.
- Organized a workshop “**Online Transactions**” on 07/09/2017 for College Non-teaching staff in collaboration with Computer Science Department.

Department of EMA

- Organized Havan Yajna on the commencement of new session.
- Plantation of medicinal plant in college campus dated August 24, 2017.
- Took New India pledge on occasion of 70th year of Independence and 75th year of Quit India Movement on August 09, 2017 in collaboration with PG Department of History.
- Organized Talent hunt function on August 29, 2017.

Career Counseling and placement cell (Recent Placements Details)

Name of Company	Date Of Campus Placement	Student Name	Class
Concentrix	20/01/2017	Navneet Kaur	M.A-II(English)

[Concentrix Daksh Services India Private Limited, DLF SEZ Bulding No. 14, Tower –C, 17 th Floor, DLF Cyber City, DLF Phase-2, Gurgaon-122002 Ph:L 01244635100]	Palwinder Saini	B.CA-III
	Amrita	B.CA-III
	Neha Tomer	B.CA-III
	Simran Kaur	B.CA-III
	Shabnam Gotter	B.CA-III
	Roopal Manhas	B.Sc (Computer Science)
	Manpreet Kaur	B.Com-VIth Semester
	Rupakshi Seth	B.Com-VIth Semester
	Navdeep Kaur	B.Com-VIth Semester
	Divya Arora	B.Com (Pass Out)
	Manpreet Kaur	B.Com-VIth Semester
	Daljit Kaur	B.Com-VIth Semester
	Alka Bihal	B.Com-VIth Semester
	Anuj Sharma	B.Com-VIth Semester
	Radha Bhatia	B.Sc-VI Semester
	Manpreet Kaur	B.Sc-VISemester
	Pooja	B.Sc-V Semester
	Himani	B.Sc-VISemester
	Neha Kumari	B.Sc-VISemester
	Loveleen Kaur	B.Sc-VI Semester
	Nancy Kumari	B.Sc-VI Semester
	Harpreet Kaur	B.Sc-VISemester
	Simranjit Kaur	B.Sc-VISemester
Anil Kumar	B.A-III	

		Harish Kumar	B.A-III
		Kulwinder Kaur	M.Sc-II (Physics)
		Jagjit Kaur	M.Sc-II (Physics)
		Sheetal Dhiman	M.Sc-II(Physics)
		Anima Sharma	M.Sc-II (Physics)
		Ramandeep Kaur	B.Sc (Biotech) VI Semester

Subject Societies

1. English Literary Circle:

The Society has organized a motivational lecture by a student of M.A. Ist semester, Tamanna on 17.08.2017 to her classmates.

2. Chanakaya political forum

The Society has organized a motivational lecture by a student of B.A. Vth semester, Mandeep Kaur on August 23, 2017 to B.A. IIIrd semester students.

3. History association:

The Society has organized motivational lecture by a student of M.A IIIrd semester, Mohit kumar on August 21, 2017 to M.A. Ist semester students.

4. Chemical society:

The Society has organized motivational lecture by a students of M.Sc. IIIrd semester, Sahweta Sharma on August 05, 2017 and Radha Rani on August 17, 2017 to M.Sc. Ist semester students.

5. The Hindi sahitya parishad

The Society has organized motivational lecture by a student of B.A. Vth semester, Mehak on August 28, 2017 to B.A.. IInd semester students.

6. Physics association

- The Society has organized motivational lecture by a student of M.Sc. IVth semester, Anima on March 08, 2017 to M.Sc. IInd semester students.
- The Society has organized motivational lecture by the student of M.Sc. IIIrd semester namely Komalpreet on August 22, 2017 to M.Sc. 1st semester students.

7. Zoological Society

The Society has organized motivational lecture by a students of M.Sc. III rd semester, Sunanda on September 08, 2017.

8. Commerce association

The Society has organized motivational lecture by a student of B.Com. Vth Semester, Anchal Virdi on August 21, 2017 to B.Com. Ist semester students.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

Institutional Vision and Leadership

Professional Development

- The contribution to curriculum development increased with the addition of 9 new members to Board of Studies from the College.
- Dr. Mukta Soni, Department of Political Science attended short term course on **Research Methodology** at Guru Nanak Dev University, Amritsar from May 27, 2017 to June 2, 2017.
- Prof. Sukhpal Rana, Department of Mathematics attended Refresher Course at ASC B.P.S. Mahila Vishwayavidalya, Khanpur Kalan, Sonipat from July 7, 2017 to July 25, 2017.
- Dr. Girish Kumar, Department of Chemistry attended short term course on Research Methodology organized by HRDC, GNDU, Amritsar from 27.05.2017 to 02.06.2017.
- Prof. Rajesh Kumar, Department of Chemistry attended short term course on Research Methodology organized by HRDC, GNDU, Amritsar from 27.05.2017 to 02.06.2017.
- Dr. Anil Kumar, Department of Physics attended short term course on Research Methodology organized by HRDC, GNDU, Amritsar from 27.05.2017 to 02.06.2017
- Prof. Mohit K. Sharma, Department of Computer Science attended Refresher Course in Research Methodology in Social Sciences from 23-12-2016 to 12-01-2017 organized by UGC HRDC, Guru Nanak Dev University, Amritsar and obtained 'A' grade.

- Prof. Kamal Mehta, Department of Zoology attended a one week Short term course on “**Research Methodology**” at HRDC/ASC, GNDU (UGC-Human Resource Development Centre) from 27.05.2017 to 02.06.2017.

Faculty Empowerment

- IQAC organized a FDP on “**Introduction to NPTEL and MOOC**” on August 01, 2017 for College Teaching staff.
- IQAC organized two separate workshops on “**Online Transactions**” for teaching as well as non-teaching staff of the college on September 6, 2017 and September 07, 2017 in collaboration with Computer Science Department.
- Staff seminars were conducted to develop interdisciplinary knowledge from 12 July 2017 to 15 July 2017. In which the staff of the college presented seminars on various topics.

BEST PRACTICES

The two best practices observed by the college are:

- Decentralization of Administration.
- Social Evils and Health Awareness
- E-Videos, E-Lectures prepared by the faculty.
- Initiation of paperless work.

BEST PRACTICES-I

TITLE-I: Decentralization of Administration

Goal

The Administration has been completely decentralized in the college with the creation of following offices:

- Registrar
- Dean Examination and Programming
- Bursar
- Dean EMA
- Dean Building
- Dean Student Welfare

This includes the following objectives:

- To make the Principal free from his routine paper work and provide him ample time and energy to concentrate on formulating policies and strategies for the development of the institution.
- To provide opportunity to the faculty members to have administrative experience and contribute their expertise in the working of the college.

Context

These posts are created for tenure of two years and any faculty member with at least two years of experience can apply for these posts and the appointment is made on the basis of rules passed by the staff council in the college. These appointments are on the basis of seniority of applicant for these posts in college. For the transparent functioning of the college, administrative workload of the college has been divided among these offices. These offices help the Principal to engage with various bodies like affiliating university regarding starting of new courses, addition of new unit in a particular programme, issues relating to faculty improvement programme, or any other issue, DPI colleges (Punjab) regarding fixation of salaries of 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 development of infrastructure, purchase of equipment for Science Labs and development of facilities for co-curricular and extra-curricular activities etc.

The Practice

With reference to the functioning of this practice, the college undertakes the following action programmes:

Registrar

The College Registrar discharges the following functions:-

- Organizes orientation programme for new faculty members regarding policies of the institution.
- Organizes mentoring programme for the students of first semester of all programmes.
- Addresses the queries of the students regarding any university work/attestation of documents/fee concession.
- Attests university examination form of the students.

Bursar

Bursar helps the administration in formation of the annual budget of the college and in monitoring the outflow of funds.

Dean Building

Dean Building is responsible for construction/maintenance/upkeeping of infrastructure of the college. He is also responsible for providing uninterrupted power supply and safe drinking water in the college.

Dean Examination and Programming

Dean Examination and Programming helps to frame time table of all the classes and is responsible for holding terminal examination. He also conducts college Convocation and Prize distribution function.

Dean EMA

Dean EMA organizes Talent search programmes to explore co-curriculum potential of the students and conducts various cultural activities for the college. He also prepares the students for participation in Youth Festival at university/state/national level.

Dean Student Welfare

Dean Student Welfare of the college solves the problems of the students related with hostels and others.

Evidence of Success

This practice has helped the college in the following ways:-

- It has helped in providing effective and transparent administration.
- It has enabled 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 maintaining discipline in the college.
- It has helped the Principal to devote his energy to more constructive works.

Problems Encountered & Resources Required

Though the practice of this policy did not meet any significant problem yet various disturbing issues which were faced and rectified are as following:

- Since appointments to these offices were made on the basis of seniority, so the junior staff members felt left out. The other minor problem faced in this practice was distribution of duties to various offices but it has been well settled by the staff council.
- Office bearers are paid nominal allowance of Rs.1000 per month.

BEST PRACTICES-II

TITLE: Social Evils and Health Awareness

Goal

The college is aware of the fact that youth has surplus energy and it should be channelized in the right direction. The college is sensitive towards the social evils (drug addiction, female foeticide and dowry) and health awareness. College and its various societies and clubs join hands in generating awareness for the same. In order to make students enlightened and responsible citizens of the society, the college has created a healthy and safe environment.

Context

The college makes the students aware about ill effects of drug addiction. Motivating students for healthy environment is conducted through a variety of activities. Knowledge regarding bad effects of various drugs is imparted to the students. Light is also thrown on various psychological and health issues. The Anti-drug campaigns are organized by NSS and NCC units. The students in the college are taught various lessons by the staff members. Awareness of the health is also provided by the Red Ribbon Club.

The Practice and Evidence of Success

NCC and NSS units of the college organize Seminars, Guest lectures and Rallies for the eradication of social evils and awareness of health. Facilities like fitness machines have been provided to the students to hold their attention towards their health and fitness so that all the students live a healthy life. Youth welfare, NSS and NCC departments organize the camps to channelize the energy of the youth. Psychologists deliver lectures on health awareness during camps.

Problems encountered and resources required

Resources required

- Funds required for running anti-drug drives and campaign.
- Resource persons and scholars who can throw light on the structure and tools to encounter this problem.
- Administrative cooperation in enhancing the level of communication with the surrounding areas.

Problems encountered

- Regular campaigns need to be held.
- Lack of involvement of local people in the campaign. Lack of cooperation from the authorities.