

**ANNUAL QUALITY ASSURANCE REPORT (AQAR)  
OF  
INTERNAL QUALITY ASSURANCE CELL (IQAC)  
2009-2010**

|                                     |   |  |
|-------------------------------------|---|--|
| Name of the Institution             | : | <b>DAV College Jalandhar</b>                     |
| Name of the Head of the Institution | : | <b>Dr. V K Tewari</b>                            |
| Name of IQAC Co-ordinator           | : | <b>Dr. L P Upadhyay, Vice-Principal</b>          |
| Phone No.                           | : | <b>(Off.) 0181-2255641, (Resi.) 0181-2203120</b> |
| Mobile                              | : | <b>099146-50550</b>                              |
| Website                             | : | <b>davjalandhar.com</b>                          |
| E-mail                              | : | <b>contact@davjalandhar.com.</b>                 |
| Affiliation                         | : | <b>Guru Nanak Dev University, Amritsar.</b>      |
| UGC Recognition                     | : | <b>Under Sec 2(f) and 12 (B) of UGC Act 1956</b> |

**Year of Report:2009-2010**

**Introducing Ourselves**

DAV College Jalandhar was founded in 1918 by Pandit Mehar Chand, Mahatma Hans Raj, Pandit Lakpat Rai and Lala Radha Ram in the sacred memory of Maharishi Dayanand Saraswati. During the last ninety one year the College has grown up as the largest institution of higher learning in this part of the country. The College represents a confluence of the conventional with the current, the traditional with the truly modern and is fully committed to the upliftment of the region as a whole. The latest innovations in the field of Info-tech, Bio-tech and other related subjects have been incorporated in tune with the changing scenario. We are living in a “global village” today- thanks to communication technology. Hence, our avowed aim is to create a progressive and creative model of life-long learning, teaching, evaluation and research which is totally in gear with the needs of changing times and which is in perfect rhythm with the Vedic wisdom and modern scientific temper.

### **Part A**

**The Plan of action chalked out by IQAC in the beginning of the year towards Quality Enhancement and the outcome achieved by the end of the year.**

- To maintain high standards in education with constant academic up gradations & evaluation.
- To organise Orientation Programme for new students to make them aware about DAV traditions and Code of Conduct of the College.
- To enhance students' academic performance through Class tests, Mock Tests, Surprise Test etc.
- To invite NAAC's Peer Team for Reaccreditation of the college.
- To lay stress on faculty up gradation and enrichment.
- To upgrade Science laboratories with modern equipments.
- To build a Computer Lab in the Department of Physics.
- To encourage the faculty to equipped with modern teaching aids.
- To enhance quality Research and Consultancy services.
- To strengthen Training & Placement Activities.
- To upgrade & enhance the infrastructural and academic facilities.
- To arrange Remedial classes for weak students.
- To enhance Community Services through NCC, NSS and departmental Clubs & Societies.
- Renovation/Modernisation of College Hostels.
- Renovation of College Auditorium.
- Expansion of Bansi Lal Block
- Construction of Seminar Hall cum Lecture Theatre with ICT facilities, for the students of Centre for Competitive Examinations.

## Part: B

### 1. Activities reflecting the goals and objectives of the institution:

The institution aims at imparting modern knowledge alongwith Vedic traditions to youth of contemporary India. Its objective is to sensitise and steer young minds towards social welfare and good citizenship. Activities reflecting goals and objectives of the institution can be listed as under:

- The College won 6 Gold Medals, 13 First Positions, 15 Second Positions and 3 Third Positions in University. First two positions in M.Sc-II (Zoology), MA-II (Sanskrit), M.Sc-II (Chemistry), MA-I (Sanskrit), M.Sc-I (Chemistry), BFST- Part-I,II, III & IV.
- The College earned singular honour of representing Punjab contingent in the 15<sup>th</sup> National Youth Festival, Bhubneswar, jointly organised by Ministry of Human Resources & Development, Youth Affairs & Sports, Government of India, Nehru Yuvak Kendra and Orissa Government from January 8, 2010 to January 12, 2010.
- During this session besides, three International Seminars, a large number of National Seminars, Conferences, Extension Lectures were organised.
- UGC approved 2 Major and 12 Minor Research Projects.
- 6 Science Departments got recognised under Star College Scheme of DBT besides DST-FIST supported PG Department of Chemistry and Physics.
- As per market and industrial need students were kept in touch with the business environment through educational trips and industrial visits.
- Extra Classes for Communication Skill were organised for better placement and development of the students.

### 2. New academic programmes initiated (UG and PG):

- Bachelor of Journalism and Mass Communication

### 3. Innovations in curricular design and transaction:

As the college is affiliated to GNDU, Amritsar, it is bound by the curriculum designed by the university. A number of faculty members of our college are members of the Board of Studies of their respective departments and they play vital role in the revision and preparation of the syllabus as per the changing requirements

of the subject. This year syllabus of most of the classes were revised according to semester system.

#### **4. Inter-disciplinary Programmes started:**

The institution offers a variety of courses ranging from Music to Mathematics and Journalism to Bio-Technology. Hence, there is huge scope of Inter-Disciplinary learning and Teaching.

- **Department of English:** Add on course in Communication Skill and spoken English are open for all students from various Departments.
- **Department of Punjabi:** Punjabi as a regional language is compulsory for all students of various courses.
- **Department of Music :** Students from different departments take part in vocal and instrumental Music.
- **Department of Botany and Geography:** These two departments are actively involved in teaching 'Environment' as a compulsory subject to students of various programmes.
- **Department of Political Science:** Teachers of this Department teach Public Administration and Political Science as Optional Subjects at UG and PG Level.
- **Centre for Competitive Examinations** organises Group Discussions on Current issues for students from all streams. It conduct Workshops/ short duration programmes on 'Personality Development' 'Interview Techniques', 'Time Management, 'Stress Management', 'Communication Skills' etc. for students from different departments.

#### **5. Examination reforms implemented:**

- Exams conducted as per the guidelines of GNDU, Amritsar.
- Two house tests conducted on the pattern of university.
- Quiz Tests / Class Tests Mock Tests etc. are encouraged
- Computerisation of examination duties and evaluation system.
- Internal Flying Squad to ensure transparency and fairness in examination system.
- Practice of returning of the evaluated answer books to the students.
- Practice of sending students Report Card to parents.

**6. Candidates qualified: NET/SLET/GATE etc.**

| <b>Examination</b>     | <b>No. of Candidates Qualified</b> |
|------------------------|------------------------------------|
| UGC/NET/JRF            | 28                                 |
| CAT/MBA Entrance Exams | 58                                 |
| Civil Services         | 02                                 |
| Defence Services       | 09                                 |
| Others                 | 26                                 |
| <b>Total</b>           | <b>123</b>                         |

**7. Initiative towards Faculty Development Programmes:**

The quality of faculty is the anchor-sheet of this great institution. The college has a faculty of selfless, dedicated and talented teachers who are resonating with ideas and are easily accessible. Amongst them are authors and critics of repute and eminence. At present more than 40 members of staff possess Ph.D/D.Litt. degrees, 61 possess M.Phil. degrees and a good number of faculty members are seriously involved in research activities.

**Academic contributions**

**Principal Dr.V. K. Tewari**

- Delivered a talk on **New Trends in Higher Education** at Principals Conference held by Punjab University, Chandigarh.
- Delivered Lecture on **“Challenges in Higher Education”**, as Resource Person at PU, Chandigarh.
- Participated as **Resource Person** at 6-Day Workshop on Communication Skills and Personality Development at Lyallpur Khalsa College, Jalandhar.
- Participated as **Resource Person** in a Group Discussion on Doordarshan, Kendra Jalandhar.

**Sh. Rajat Kumar**, Department of Chemistry

- Awarded the degree of Ph.D. by CCS University, Meerut for his thesis on ‘Biochemical Analysis of four Medicinal Plants at District Haridwar roadside’.

- Attended 69<sup>th</sup> BRNS-IANCAS National Workshop on **“Radio Chemistry and Applications of Radioisotopes”** conducted jointly by Khalsa College, Amritsar and Indian Association of Nuclear Chemists and Allied Sciences.

**Mrs. Deepali Kapoor**, Department of Economics

- Awarded the degree of Ph.D. by GNDU, Amritsar for her thesis on **‘Inflation Employment Trade of in India’**.

**Sh. Kunal Mehta**, Department of History

- Awarded the degree of Ph.D. by CCS, University, Merut for his thesis on **‘Polity during Ramayan Age’**.

**Ms. Rajwant Kaur**, Department of Commerce

- Registered for Ph.D. degree, on the topic **“Work Life Balance- A Study of RCF Kapurthala, Punjab”** in Himachal Pradesh University, Shimla, in December 2009.

**Dr. Jagdish Rai Garg**, Department of Punjabi

- Attended NSS Refresher Course at Dalhousie, H.P from September 16 to 20, 2009.
- Attended **“Training of Trainers Programme”** on Youth Leadership and Personality Development at Mussorie, from June 15 to 17, 2009.
- Acted as Coordinator Youth Leadership Workshop by the Universal Peace Federation of India and the NSS Department of DAV College Jalandhar on August 8, 2009 in the College.

**Dr. Ashwani Sharma**, Department of Political Science,

- Presented Paper in **International Conference on “Media in 21<sup>st</sup> Century”** organized by World Punjabi Television and Radio Academy at Press Club, Jalandhar on January 17, 2010. It was attended by Media People from Australia, NZ, Canada, U K.
- Delivered an extension lecture on **“Time Management”** in Commerce Forum, DAV College, Jalandhar on April 26, 2009.
- Participated as Resource Person in Two Day Orientation Programme for Teachers and Students on **“Sensitising Prospective Teachers on the Social Responsibility towards Human Rights”** at DIPS College of Education, Dhilwan, Kapurthala on September 22, 2009.

- Participated as Key Speakers in State Seminar on “**Environmental Protection**” organized by Dainik Jagran, Jalandhar on October 1, 2009.
- Presented a paper in National Conference on “**Right to Information – Challenge or Opportunity**” organized by District Administration, Hamirpur (HP) on January 29-30, 2010.
- Delivered a Lecture on “**Stressless Preparation for Exams**”, at GNDU College, Jalandhar on February 10, 2010.
- Participated as Key-speaker in Dainik Jagran ‘**Voters Awareness Campaign**’. Address the student of LPU Phagwara, CT Institute of Management Jalandhar, KMV College Jalandhar, SD College Jalandhar on the theme of ‘**Right & Duty to Vote**’ on April 7, 11, 27, 30, 2009 and May 3, 2009.
- Participated as Key-speaker on ‘**We & Environmental Pollution**’ at State level seminar organized by Dainik Jagran in memory of Sh. Narinder Mohan at K L Sehgal Memorial Hall, Jalandhar on October 10, 2009. It was attended by Environmentalists of repute, Balbir Singh Seechewal, Ministers, MLAs, Editors of Newspapers, Media Experts, Mayor of City, Councillors etc.

**Dr.LP Upadhyay, Department of Sanskrit**

- Presented paper on “**Preservation of Social Order through System of Education as depicted in the Manusmriti**” at National Seminars, organised by Dept. of Sanskrit, GNDU Amritsar.
- Presented research paper on “**Valmiki Ramayana per Adhartia Dharma Ki Drshti Se Loka-Kalyana**” at Punjabi University, Patiala.
- Presented paper on “**Practical Vision of Life through the Philosophy of the Yoga Vashistha Ramayana**” in an International Seminar at GNDU, Amritsar.
- Presented another paper on “**Dayananad’s Philosophy of Education**” at DAV College, Amritsar.
- Attended one-day National Workshop on computational Sanskrit and submitted his observation in the concluding session at KMV, Jalandhar.

**Dr. R. B. Singh, Department of Punjabi**

- Published his **14th book on Punjabi Sahit Chintan: Adhar ton Usar.**

- Delivered Lecture on **“A Textual Analysis of Anamen Singh’s Short Story”** at a seminar organised by Kendriya Punjabi Likhari Sabha, Jalandhar.
- Delivered Extension Lecture on **“New Punjabi Short Story”** at Department of Punjabi, Delhi University, Delhi.
- Delivered Extension Lecture on **“Kesar Singh di Galap Chetna”** at Punjabi University, Patiala.
- Delivered Extension Lecture on **“Dr. Attar Singh's Criticism”** at Punjabi Academy, Ludhiana.
- Delivered Extension Lecture on **“Pravasi Punjabi Fiction”** at GNDU, Amritsar.
- Delivered Extension Lecture on **"Punjabi Novel and Nanak Singh"** at Govt. College for Women, Ludhiana.

**Dr. N.K. Neb**, Department of English

- Published his paper entitled **‘The Poetry of Kulbushan Kushal: An Existentialist Study’** published in the journal Post Independence Indian Writing in English.
- Another paper titled **“The Poetry of C. L. Khatri and Kulbhushan Kushal: Concern for Values and a Critique of Contemporary Reality”**, ed. by Shrawan K. Sharma, The Vedic Path, Haridwar, pp. 61-76. Vol. Lxxxii No. 1&2 ISSN 0970-1443, January-June 2009.
- Published a paper titled, **“The Poetry of Kulbhushan Kushal: An Existentialist Study, Post-Independence Indian Writing in English (In two volumes)”**ed. by Anju Bala Aggarwal, Authors Press, New Delhi, pp.127-142. ISBN 978-81-7273-515-9, 2010
- Published another paper titled, **“The Magic World of Poetry and the Poetic Art of Kulbhushan Kushal, Critical Essays on Indian English Poetry and Drama** ed. Arvind M.Nawale, Authors Press, Delhi: 2010 pp.87-104. ISBN 978-81-7273-562-3.

**Sh. Ajay Kumar Aggarwal**, Department of Mathematics

- Participated in the Four day **Mathematical Olympiad Orientation Programme** for school and college teachers sponsored by National Board of Higher Mathematics (NBHM), Department of Atomic Energy at DAV College Amritsar from September 24 to 27, 2009.



- Attended Five day workshop on “**Optimization Techniques and their applications to various Disciplines**” sponsored by Department of Science and Technology, Govt. of India, from Oct., 19-23, 2009 at Guru Gobind Singh Khalsa College, Sarhali (Taran Taran)
- Participated in Three days “**11th National Conference of Indian Society of Information Theory and Application (ISITA)**”, sponsored by Department of Science and Technology, Govt. of India at G.G.S. Khalsa College, Sarhali, Taran Taran from Oct. 24-26, 2009.
- Attended Seventeen days ATML-2009, **Advanced Training School in Mathematics for Lecturers in Algebra and Number Theory**, supported by National Board for Higher Mathematics at the Centre for Advanced study in Mathematics, Panjab University, Chandigarh for Dec., 15-31, 2009.

**Dr. Poonam Sharma, Department of Mathematics**

- Delivered an extension lecture “**Modules Versus Vector Spaces**” at Govind National College, Narangwal Distt. Ludhiana, on 11<sup>th</sup> March. 2010.
- Presented a search paper on “**Semi-Homeomorphism in Topological Spaces**” in the Conference of Jammu Mathematical Society , Jammu university, in February 2010.
- Attended an **Advanced training school in Mathematics (ATML-2009)**, Organized by National Board of Higher Mathematics (NBHM), held at Panjab University Chandigarh from 15<sup>th</sup> December, 2009 to 31<sup>st</sup>December, 2009.
- Delivered an extension lecture “**Eigenvalues and Eigenvectors and their Application**” at Dev Samaj College for Women, Ferozepur City on 26<sup>th</sup> November 2009.
- Presented a Search paper “**Relative relation modules of  $SL(2,p)$  and  $PSL(2,p)$  groups**” at the 11<sup>th</sup> National Conference of Indian Society of Information Theory and Application( ISITA) held at GGS Khalsa college, Sarhali (Taran Taran) from 24<sup>th</sup>October to 26<sup>th</sup>October 2009
- Participated in the workshop on “**Optimization Techniques and Their Applications To various Disciplines**”Sponsored by DST, Govt. of India held at GGS Khalsa college, Sarhali (Taran Taran) from October 19 to 23, 2009.

- Participated in the four day **Mathematical Olympiad Orientation Programme for School and College teachers** Sponsored by NBHM, held at DAV College Amritsar from 24<sup>th</sup> Sept. to 27<sup>th</sup> Sept., 2009.
- Delivered an extension lecture “**Modules Versus Vector Spaces**” at Govind National College, Narangwal Distt. Ludhiana., on 11<sup>th</sup> March. 2010.
- Presented a search paper on “**Semi-Homeomorphism in Topological Spaces**” in the Conference of Jammu Mathematical Society, Jammu University in February 2010.
- Attended an Advanced training school in Mathematics (ATML-2009), Organized by National Board of Higher Mathematics (NBHM), held at Panjab University Chandigarh from 15<sup>th</sup> December, 2009 to 31<sup>st</sup> December 2009.
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- Participated in the Workshop on “**Optimization Techniques and Their Applications To various Disciplines**”, sponsored by DST, Govt. of India held at GGS Khalsa College, Sarhali (Taran Taran) from 19<sup>th</sup> Oct. to 23<sup>rd</sup> Oct., 2009.
- Participated in the Four day **Mathematical Olympiad Orientation Programme for School and College teachers** Sponsored by NBHM, held at DAV College Amritsar from 24<sup>th</sup> Sept. to 27<sup>th</sup> Sept., 2009.
- Published in a book “Real Analysis”, Sharma Publications, Jalandhar, ISBN No. 938126179-2.

**Rajesh Prasher**, Department of Mathematics

- Participated in **National Conference** on “**Changing Landscape on Higher Education**” organised by Joint Action Committee on March 28, 2010.

**Dr. Narinder Singh**, Department of Physical Education

- Published his paper entitled, “**A Comparative Study of Anthropometric Characteristics of Junior and Senior National Boxers**” in the Journal of Health and Fitness.

**Dr. Rajeev Kumar Sharma**, Department of Chemistry

- Published a research paper entitled “**Graft Copolymers of Acrylonitrile into Dextrin for use in Separation Technologies**” in the International Journal of Polymeric Materials.
- Another paper entitled “**Synthesis and Characterization of Graft Copolymers of 2-Hydroxyethyl Methacrylate and some comonomers onto Extracted Cellulose for Use in Separation Technologies**” in the journal Bioresources.

**Sh. Pankaj Gupta**, Department of Food Science & Technology,

- Attended a UGC National Seminar on “**Functional Foods and Nutraceuticals - Current status and future scenario**” at KMV Jalandhar.
- Attended a National Seminar on “**Managing Food Security at the Time of Crisis**” at GNDU, Amristar.

**Sh. V.K. Sareen**, Department of Commerce,

- Participated as Panel member of Economic and Trade Action Panel of Confederation of Indian Industry (C II) Punjab
- Steering Committee member of **National Conference on ‘International Business Practices to face Global Challenge’** held at GNAIMT Phagwara on 6th March 2010.

**Sh. Nitin Bhatia**, Department of Computer Science

- Edited a Book titled **Cross Disciplinary Applications of Artificial Intelligence and Pattern: Recognition: Advancing Technologies**, IGI Global, USA.

**Sh. R.K. Parashar**, Department of English

- Presented a paper on the topic “**Sanskrit is not just Culture**” at National Conference at Gorakhpur University.

**Sh. Sanjiv Sharma**, PG Department of English

- Delivered a series of lectures on various aspects of linguistics at In Service Training Programme for PGTs at KV1, Jalandhar Cantt June 2009.

**Dr. Suresh K. Khurana**, Department of Economics

- Presented a research paper on "**Trends of FDI inflows in India**" at National Seminar, held at Amardeep Singh Shergill Memorial College, Mukandpur
- Presented a paper on "**Indian Banking-A new vision**" in National Seminar, at DAV College, Malout.

**Dr. Vijay Kumari Gupta**, Department of Sanskrit,

- Presented a paper on the topic "**Education Philosophy of Maharishi Dayananda**" in the two-day National Vedic Seminar held at DAV College, Amritsar on Jan.18, 2010.
- Presented a paper on the topic "**Human Rights in Vedas**" in the two-day National Seminar held at GNDU Amritsar on March 15-16, 2010.
- Presented a paper on the topic "**The Qualities of Emperor as mentioned in Valmiki Ramayana**" in two-day **International Seminar** at GNDU Amritsar sponsored by Central Valmiki Sabha International UK on Sept. 29-30, 2009.
- Presented a paper on the topic "**The Concept of Socialism in Vedas**" in three-day **World Veda Conference** held at Gurukul Kangri Vishwavidyalaya, Haridwar on Nov. 20-22, 2009.
- Attended one-day **National Workshop** on "**Computational Sanskrit**" organized by Department of Sanskrit and Computer Science, KVM Jalandhar on August 8, 2009.
- Attended one-day **National Conference** on "**Changing Landscape of Higher Education**" at HVM Jalandhar on March 28, 2010.

**Dr. Jeevan Asha**, Department of Sanskrit,

- Attended one-day **National Workshop** on "**Computational Sanskrit**" organized by Department of Sanskrit and Computer Science, KVM Jalandhar on August 8, 2009.
- Presented a paper on "**Vaayu Pradushan our Jal Pradushan avam Sanskrit Sahitya mein Uska Samadhan**" in the two-day National Seminar held at GNDU Amritsar on March 15-16, 2010.

- Presented a research paper on “**Valmiki Ramayan Mein Samaj Kit Drshti Se Lok Kalyan**” at Punjabi University, Patiala.
- Valmiki Ki Vichardarha Mein Parivarik Dharma at at GNDU Amritsar sponsored by Central Valmiki Sabha International UK on Sept. 29-30, 2009.
- Presented a paper on “**Contribution of Maharishi Dayanand** to the Nation a Philosophical perspective” in the two-day National Vedic Seminar held at DAV College, Amritsar on Jan.18, 2010.

**Ms. Ritu Talwar**, Department of Sanskrit

- Attended a National Workshop on Computational Sanskrit, at KMV, Jalandhar. Presented a paper on Nari Shiksha Aim Maharishi Dayanand at DAV College, Amritsar.

**Sh. Vijay Mago**, Department of Computer Science

- Presented a research paper entitled, "**A Fuzzy Expert for Decision Making in the Treatment of Broken Tooth**" at International Conference on Artificial Intelligence and Pattern Recognition Orlando, Florida, USA.
- Presented a research paper, "**MaSO: A tool for Aiding the Management of Schedule Oversun**", at FEEE. 2nd International Advance Computing Conference 2010.
- Published Book Chapter “**Fuzzy Logic Based Expert System for the Treatment of Mobile Tooth, Software Tools and Algorithms for Biological system**” in Advance in Experiment Medicine and Biology, Springer, Germany.
- Edited a book entitled “**Cross-Disciplinary Application of Artificial Intelligence and Pattern Recognition: Advancing Technologies**”, IGI Global, USA.
- Published a research paper, "**An Influence Diagram-Based Approach for Estimating Staff Training in Software Industry**” in the Journal of Intelligent System.

**Ms. KawalJeet**, Department of Computer Science

- Published a Research paper, "**An Influence Diagram-Based Approach for Estimating Staff Training in Software Industry**” in the Journal of Intelligent Systems, 2009.

- Presented a research paper, "**MaSO: A tool for Aiding the Management of Schedule Oversun**", at FEEE. 2nd International Advance Computing Conference 2010.

**Sh. Sharad Manocha**, Department of English

- Delivered two extension lectures to the PGTs at KV 1 Jalandhar Cantt during PGT, In Service Training Programme on "**How to study a Poem**" and "**Developing Writing Skills**" in June, 2009.
- Presented a paper on Dilip Kaur Tiwana's novel **Lagh Gaye Darya the English translation, Gone are the Rivers** at the 3-day Conference organised by Department of English, GNDU, Amritsar - in collaboration with Central Institute of Indian Languages, Mysore and National Translation Mission, MHRD, Government of India in January, 2010.
- Attended a one day conference on "**Higher Education: Challenges Ahead**" organised by DAV Forum under the aegis of DAV College Managing Committee, New Delhi at India International Centre, New Delhi.

**Sh. Sunil Oberoi**, Department of Political Science,

- Attended UGC sponsored National Conference on "**Changing Landscape of Higher Education**" in HMV, Jalandhar on March 28, 2010.

**Ms. Reetu Gupta**, Department of Computer Science,

- Attended Orientation Course, at UGC Academic Staff College, Panjab University, Chandigarh, from 19.2.2010 to 18.3.2010.
- Attended National Conference on "**Changing Landscape of Higher Education**" at HMV, Jalandhar, on March 28, 2010.

**Sh. Manav Aggarwal**, Department of Commerce,

- Attended **Refresher Course** in Commerce and Management at UGC, Academic Staff College, Guru Nanak Dev University, Amritsar, from February 12 to March 4, 2010.
- Published Book (co-author) titled "**Corporate Accounting**", Kalyani Publishers, Ludhiana, ISBN No. 978-81-272-4615-0, 2009.
- Book (co-author) titled "**Financial Accounting & Management**", Kalyani Publishers, Ludhiana, ISBN No. 978-81-272-5265-6, 2009.
- Book (co-author) titled "**Financial & Cost Accounting**", Kalyani Publishers, Ludhiana, ISBN No. 978-81-272-5653-1, 2009.

**Ms. Pallavi**, Department of Economics

- Presented a paper on “**FDI V/s NRI**”, at Amardeep Singh Shergill Memorial College, Mukundpur
- Presented a research paper on “**Indian Banking – A New Vision**” at DAV College, Malout.

**Dr. Deepak Wadhwan**, Department of Zoology

- Attended a workshop on "**Analytical Techniques for Research: Statistical Methods, Econometrics and Time series**" at GNDU, Amritsar.

**Sh. Punit Puri**, Department of Zoology

- Presented a paper at International Conference on Entomology at Punjabi University, Patiala.
- Participated in DST sponsored Seminar at HMV, Jalandhar-DBT Sponsored Popular Lecture Series at DAV College, Amritsar and in UGC sponsored 2nd National Symposium on Biodiversity: Cell and Molecular Biology at Panjab University, Chandigarh.
- Participated as Resource Person at DIET Kapurthala and at All India CBSE teachers Training Centre KVII Jalandhar Cantt.
- Published a paper “**Characterization of Alkaline a-amylase from Bacillus**” in the International Journal of Agriculture and Biology in 2009.

**Ms. Kiran Randhawa**, Department of History

- Attended **Punjab History Conference** at Punjabi University, Patiala.

**Dr. Dinesh Arora**, Department of Political Science

- Attended **Refresher Course** in Political Science, at UGC, Academic Staff College, Punjabi University, Patiala from September 3, to 23, 2009.
- Attended **Orientation Course** of Coordinators for 10th National Youth Parliament Competition as representative of GNDU, Amritsar Organised by Ministry of Parliamentary Affairs, New Delhi on 17th and 18th February, 2010 at KIIT University, Bhubaneswar, Orissa.
- Published a research paper entitled “**Coalition Government: The Formative Phase-1996-1998**” in the research journal, Journal of Political Science Vol. V, No. 1, pp. 62-80, April 2009.

**Sh. Naveen Sood**, Department of Economics

- Attended a 3-week **Refresher Course** at Academic Staff College, Himachal Pradesh University, Shimla from 11 December 2009 to 31 December, 2009.
- Participated in a 6-day workshop on **“Basic Communication Skills for Social Science Teachers”** at Lyallpur Khalsa College, Jalandhar.

**Sh. Anoop Kumar**, Department of English

- Delivered a lecture on **‘Writing Skills’** at In Service Training Programme for PGTs held at KV 1, Jalandhar Cantt.
- Attended One Day Conference on **“Higher Education: Challenges Ahead”** Organised by DAV CMC.
- Delivered a lecture on **"An Overview of Communication Skills"** at 6-Day ICSSR sponsored Workshop organised by Lyallpur Khalsa College, Jalandhar.

**Sh. Bhartendu Singla**, Head, Department of Food Science & Technology,

- Attended a Seminar on **"Achieving Food Security in Times of Crisis"** at GNDU, Amritsar.
- Presented a paper on **"Traditional Fermented Foods and their Role"** at Kanya Maha Vidyalaya, Jalandhar.

**Mrs. Anu Gupta**, Department of Food Science & Technology

- Attended a UGC sponsored National Seminar on **"Functional Foods and Nutraceuticals-Current Status and Future Scenario"** at KMV Jalandhar
- Attended a UGC sponsored National Seminar on **“Managing Food Security at the Time of Crisis”** at Guru Nanak Dev University, Amritsar.

**Sh. Naveen Saini**, Librarian

- Attended **Refresher Course** in Library and Information Science at UGC Academic Staff College, GNDU, Amritsar.

**Sh. Vishal Sharma**, Department of Computer Science

- Presented a research paper on **“Handling Imprecision in Input Using Fuzzy Logic to Predict Effort in Software Development”** in IEEE, International Advance Computing Conference at Thapar University, Patiala.



- Research paper entitled “**Optimised Fuzzy Logic Based Framework for Effort Estimation in Software Development**” accepted for publication in International Journal of Computer Science.

**Sh. D.S. Gill and Dr. Malkiat Singh**, Department of Punjabi

- Participated in a state level seminar on "**Punjabi Bhasha di Stithi Te Samasiyawan**" at Govt. College, Jalandhar.

**Sh. B.S. Nandra and Dr. D.K. Paul**

- Attended a **Refresher Course** w.e.f. May 20.2009 to June 9, 2009

**Dr. Balwinder Singh**, Department of Hindi

- Presented a research paper on “**Samkaleen Hindi Kavita Mei-Maudalekaran Aur Pratirodh**” at 2-day National Seminar held at Meera Kanya PG College, Hanumangarh (Rajasthan).

**Ms. Pooja Sharma**, Department of Zoology,

- Attended General Orientation Course at UGC Academic Staff College, GNDU, Amritsar.

**Ms. Komal Sethi**, Department of Commerce,

- Presented a paper on, "**Knowledge Managers-the Best Entrepreneurs**" at an International Conference held at Gyan Jyoti Institute of Management and Technology, Mohali.
- Presented a paper on "**Celebrity Endorsements: The Global Trends**" at GNA IMT, Phagwara.

**Ms. Sujata Sharma**, PG Department of Economics

- Participated in 6- day workshop on “**Basic Communication skills for Social Science Teachers**” at Lyallpur Khalsa College, Jalandhar.
- Attended nine day National Conference on “**Business, Innovation**” at APJ Institute of Management, Jalandhar.

**Ms. Priyanka Narang**, Department of Economics

- Attended nine day **National Conference** on Business, Innovation” at APJ Institute of Management, Jalandhar.

**8. Total Number of Seminars/Guest Lectures/Workshops conducted:**

- **National Conference on "High Energy Physics-Recent Developments and Future Challenges"** the Post-Graduate Department of Physics, organized a two day National Conference on "High Energy Physics-Recent Developments and Future Challenges" on February 4-5, 2010. Scientists of high repute in the said field were invited for talks.

Key note speaker was Dr. Bikash Sinha, Former Director Saha Institute of Nuclear Physics and Variable Energy Cyclotron Center, Kolkata, presently Professor, Homi Bhabha Chair of Department of Atomic Energy, other invited speakers in the conference were Dr. J. Pasupathy, currently working as Professor (Emeritus) in Department of High Energy Physics, Indian Institute of Science, Bangalore, Dr. B.S. Acharya, Professor in High Energy Physics Department of TIFR, Dr. C.P. Singh, presently working as Professor (Emeritus) in Department of Physics BHU, Varanasi. Dr. Bindu Sambh, Professor of Physics in University of Hyderabad, Dr. Suman Bala Beri, Professor in Department of Physics, Panjab University, Chandigarh, Dr. B.K. Singh, Associate Professor, Department of Physics BHU, Varanasi, Dr. Ashawani Kumar, Associate Professor at NIT, Kurukshetra.

The conference was inaugurated by Dr. R.S. Khandpur, Director General, Pushpa Gujral Science City. The guest of honour was Dr. Karamjeet Singh Rai, internationally recognized scientist in the subject of Botany.

Two sessions of the conference were devoted to oral presentations by research fellows, Number of Posters was presented in the conference under the subject High Energy Physics by research scholars from various top Institutes of India.

- **International Colloquium on Biotechnology**  
Department of Biotechnology organized an 'International Colloquium on Biotechnology (ICB-09)' on November 27-28, 2009. Nearly 500 delegates (350 UG students, 100 PG students, 50 PhD, students and 50 teachers/researchers) having their affiliations with as many as 30 different institutions within India, participated in the event. As many as 15 different International and National Experts presented and discussed their work in the light of current scenario.

The ICB-09 was inaugurated in the College Auditorium by Professor Ajaib Singh Brar, **Vice-Chancellor, GNDU**, Amritsar, in distinguished presence of Dr. Amitabh Mishra, Manager, NRDC, New Delhi, **Dr. E. Momotani Sr.**

**Scientist, NIAH, Japan** and **Dr.V.K. Tewari**, Principal, DAV College, Jalandhar. The Key Note Address was delivered by Dr. E. Momotani.

There were five technical sessions in all which witnessed scientific presentations and expert talks by Dr. SV Singh, Principal Scientist, CIRG, Mathura, Dr. Sharda M. Biotech, Varanasi, Dr. Jyoti Parkash, JPARC, France, Dr. Majinder Khera, University of Duraban, South Africa, Prof. P.K. Pati, Head, Department of Biotechnology, GNDU, Amritsar, Dr. S.C. Sharma, P.U. Chandigarh, Prof. J.S. Viridi, South Campus, University of Delhi, Dr. A.V. Singh, CIRG, Mathura and Dr. P. Tyagi, WHO Expert, Pune.

The ICB-09 concluded with a Valedictory Function organized in the College Auditorium. The function was presided by Justice A.L. Bahri, Honourable, Vice President, DAVCMC, New Delhi. The function was chaired by Dr. E. Momotani and Co-chaired by Prof. P.K. Pati, Prof. J.S. Viridi, Dr. S.V. Singh and Dr. P. Tyagi.

Justice A.L. Bahri appreciated the commanding heights that College was in the process of attaining and added that the **International Colloquium** was truly international and well organized.

- **International Seminar on Biomaterials**

The Post-Graduate Department of Zoology DAV College Jalandhar organized an **International Seminar on Biomaterials-an Interdisciplinary** and exciting research field on Oct, 27, 2009 and the resource persons were **Dr. Jose M.F. Ferreira and Dr. Ashutosh Goel from Ceramics and Glass Engineering Department, CICECO University of Aveiro, 3810-193 Aveiro, Portugal**. Both the scientists discussed the use of biomaterials in daily life and the applications of such materials in research were highlighted.

Principal Dr. V.K. Tewari gave a floral welcome to Dr. Jose M.F. Ferreira and Dr. Ashutosh Goel who came all the way from Portugal to give a talk on the topic of Biomaterials.

Dr. Ferreira stressed upon the use of biomaterials in manufacturing bones joints and teeth for humans which can be used as replacements for the natural materials if it gets damaged. The materials used by them for the purpose are inert materials. The science of biomaterials is a multidisciplinary science which links with biology, chemistry, physics, biomedicine, mechanics and electronics. He stressed upon research and research opportunities in this field.

- **National Conference on Nanomaterials : Synthesis and Applications**

A UGC, DST, CSIR sponsored, **two-day National Conference on Nanomaterials: Synthesis and Application** was held on 6th and 7th Feb., 2009. It was inaugurated by Principal RS Sharma, Hon'ble General Secretary, DAV Colleges Managing Committee, New Delhi. He said that such Conferences provide a platform for young inquisitive minds to interact, to brainstorm, to learn, to know and be known.

The keynote speaker was Dr. CS Sundar, Head, Material Science Division, Indira Gandhi Centre for Atomic Research, Kalpakkan. Dr. B.S. Ranu, Indian Association of Cultivation of Science, Kolkata; Dr. L.M. Bhardwaj, CSIO, Chandigarh; Dr. A.K. Ganguly, IIT, Delhi; Dr. R.K. Khandal, Shri Ram Institute of Industrial Research, New Delhi; Dr. A Banerjee, Indian Association of Cultivation of Science, Kolkata; Dr. Sanjyog Jain, NIPER, Mohali; Dr. GS Chauhan, HPU, Shimla; Dr. Rajamani Nagrajan, University of Delhi; Dr. M.L. Singla, CSIO, Chandigarh; Dr. R. Thangaraj, G.N.D.U., Amritsar; Dr. Mahavir Singh, HPU, Shimla, Presented their papers.

Nearly 100 posters exhibiting the different aspects of Nanomaterials and its impact on the life of an individual were displayed on this occasion.

- **International Seminar on Molecular Biology**

Under the aegis of Department of Bio-technology, International Seminar on “**Molecular Biology**” was organised on Sept., 28, 2009. **Professor Yung-Fu Chang, Professor of Molecular Microbiology and Director, Infectious Disease Research Programme, Dept., of Population Medicine and Diagnostic Science, Cornell University, Ithaca, New York, USA delivered his expert talk.**

Professor Y Chang discussed the Ultra-modern molecular approaches on the development of John's disease or Para tuberculosis Vaccine. He stressed that the development of efficacious vaccine is the requirement of today's world in order to secure economic losses and to reduce human exposure to this deadly pathogen.

He offered to involve Department of Bio-technology to carry out further vaccine research. Students and teachers interacted with Prof. Chang to satisfy their queries. The scientific session was followed by cultural session which gave the dignitaries and the guests a fine taste of Indian culture.

- **Seminar on Fundamental of Quantum Mechanics**  
Under the aegis of **Physics Association**, of Post-Graduate Department of Physics a Seminar was organised on Fundamental of Quantum Mechanics on 7th August. Dr. Arvind Dhillon, Professor from IISER, Mohali, delivered lecture on entanglement and application in Quantum Computation.
- **Extension Lecture** on Optical Fibers was organized by the Post-Graduate Department of Physics. **Dr. Derick Engles**, a keynote speaker from Department of Electronics, GNDU, Amritsar delivered a talk on the topic Optical Fibers on 10<sup>th</sup> September. He explained application and utility of optical fibers like optical fibers communication, fibers optic sensor etc. From the University of Aveiro, Ciceco, Portugal, Dr. Ashutosh Goyal, Department of Ceramics and Glass Engineering, delivered a talk on “Glass book for Mankind”.
- **To celebrate International Year of Astronomy-2009**, Seminar was organised under the aegis of Post-Graduate Department of Physics on 21<sup>st</sup> November, 2009, Dr. Sanjeevan Singh Dadhwal, General Secretary, Science Teacher association, Punjab delivered a very interesting and rich talk on this special seminar.
- **A workshop** on Animation of Physics Problems was organized by the Post-Graduate Department of Physics on September 2, 2009.
- **Another Workshop was organized by the Post-Graduate Department of Physics** on the topic “**Use of Microsoft Excel in Physics**” on November 7, 2009. The keynote Speaker was Dr. D.P. Singh, Department of Physics, Guru Nanak Dev University, Amritsar. He described the applicability of Microsoft Excel in analysis of Problems in Physics followed by practical session in Computer lab.
- **Extension Lecture** on "**Molecular Recognition**" was organised by the Post-Graduate Department of Chemistry. The Key note Speaker was Dr. Subodh Kumar, Professor & Head Department of Chemistry, Guru Nanak Dev University, Amritsar.
- **A Guest Lecture** on "**The History of Electro Chemistry and its Applications**" was organised by the Department of Chemistry and Bio-technology jointly on January 11, 2010. The Key note Speaker was Dr. S. Lal, an eminent scholar from USA.

- **2-days Workshop** on “**Application of Instrumentation in Chemical Analysis**” was held on 6<sup>th</sup> February and 8<sup>th</sup> February, 2010 in which the students of B.Sc., B.Sc.(Biotech) and M.Sc. learn the use of Instruments like potentiometer, pH meter, Conductometer, Spectrophotometer etc. in Chemical analysis.
- **Extension Lecture** on "**Natural Language Processing**" was organised by the Post-Graduate Department of Computer Science. The key note Speaker was Professor Vishal Goyal, Department of Computer Science, Punjabi University, Patiala.
- **Guest Lecture** on "**Advanced Computer Architecture**" was organised by the Post-Graduate Department of Computer Science. The key note Speaker was Dr. Gurvinder Singh, Department of Computer Science, Guru Nanak Dev University, Amritsar.
- Under the aegis of Kashyap Biological Society the department of Zoology organised an **informative talk** by Dist. Epidemiologist, Dr. T.P. Singh on "Swine Flu". Dr. Singh was categorical instating that prevention is the best cure and panic driven intake of medicine by fit human can only empower the virus to become immune to the drug.
- The Post- Graduate Department of Zoology also organised a **Seminar-cum-Check Up Camp** on Oral Health. Dr. Ashish Sharma discussed the remedies for various dental problems. A free dental checkup camp was conducted by Dr. Ashish Sharma, Dr. Gurtej Singh, Dr. Sutesh Kumar, Dr. Sukhdev Singh, Dr. Suchinder Singh and Dr. Sarabpal Singh.
- Under the **Career Advancement Programme** the Department of Mathematics arranged talks by, two of our alumni, Mr. Mohit Tewari, IRS Assistant Commissioner and Miss Shifali, Assistant Commissioner in Indian Railways who respectively spoke on ‘**How to prepare for General Studies paper for the Civil Services Examination**’ and ‘**Strategies to Prepare Mathematics for Civil Services**’.
- To celebrate **India Mathematics Year 2009**, an Extension lecture by the Department of Mathematics was organised on the topic “**Mathematical Logics**” on November 27, 2009. The key note Speaker was Dr. S.C. Arora from the Department of Mathematics, Delhi University.
- A **Seminar** was organised by the Post Graduate Department of Commerce on “**Human Resources**” on November 18, 2009. Sh. Ashok Kapoor, Department

of Commerce threw light on “**Challenges of Human Resource Management**” and Dr. Ashwani Sharma, Department of Political Science, delivered lecture on ‘**Motivation**’.

- **Extension Lecture** on “**Importance of Communication**” was organised by the Department of Commerce. The key note speaker was Ms. Shaina Kochar.  
Extension Lecture on ‘**How to Face Interview Board**’ was organised by the Department of Commerce. The key note speaker was Sh. Ram Kumar Kota, Hyderabad.
- **Extension Lecture** was organised by the Post-Graduate Department of Political Science, on “**International Terrorism and its impact on India**”. Dr. Kuldeep Singh Professor & Head Department of Political Science, GNDU, Amritsar was the speaker who made a very comprehensive survey of the topic and also satisfactorily answered the queries during the interactive session.
- **Extension Lecture** was organised by the Post- Graduate Department of Economics on “**Career Opportunities in the field of Insurance**”. Marketing Manager of LIC, Mr. S.S. Vilkhoo provided valuable information in the Simplest possible terms, with examples from real life.
- The History Association of the Post-Graduate Department of History organized an **extension lecture** on “**Different Angles of Partition of India**.” The keynote Speaker was Dr. Harish Sharma from GNDU, Amritsar.
- **Extension Lecture** was organised by the Post Graduate Department of History on “**Perspectives of Indian Nationalism**”. The key note speaker was Dr. Amarjit Singh, Department of History, Kurukshetra University, Kurukshetra.
- **Guest lecture** was organized by the Department of Bio-Technology, on ‘**Plant Tissue Culture**’. The keynote Speaker was Dr. (Mrs) Sharda M. Potokuchi from Shri Mata Vaishno Devi University, Jammu on September 11, 2009.
- **DBT sponsored lecture** followed by workshop on ‘**Drug Discovery Modern Approach: Proposing a new lead molecule**’ was organized by the Department of Bio-Technology on 15th Feb., 2010. The resource persons were Dr. Avneet Saini from GGSDS College, Chandigarh and Mr. Rajnikant Namdeo of IBI Biosolutions Pvt. Ltd., Chandigarh.
- **Educational Trip** to ‘**National Dairy Research Institute, Karnal**’ was Organized on February 11, 2010 comprised of students of B.Sc.-III Biotechnology and teachers. The students visited the Animal Biotechnology

Centre and saw the video film of the Institution wherein the activities of the institution were highlighted. It was really an eye opener for the students who cherish biotechnology as a carrier.

- **Extension lecture** on “**Food Processing**” was organised by the Department of Food Science & Technology, on 12th Sept, 2009. The Key note Speaker was Dr. Dalbir Sogi from the Department of Food Science and Technology, GNDU, Amritsar. He threw light on new food preservation technologies. He also stressed the importance of food processing in creating new job avenues.
- **A workshop** on "**Food Adulteration and Analysis**" was organised by the Department of Food Science & Technology. Dr. Roop Lal, District Health Officer, discussed the various adulterants being added in different food products.
- The Department of Botany organised **a talk** by Professor Daisy R. Batish, from the Department of Botany, Panjab University, Chandigarh. She elucidated on “**Plant Biodiversity**” with special reference to India. Main emphasis was drawn on the conservation of biodiversity and what efforts on individual and government should lay to save depleting flora.
- **Two-day Workshop** was also organised by the Department of Botany. It was sponsored by **Department of Bio-Technology Ministry of Science and Technology, New Delhi** under the "**Star College**" Scheme for promotion of Life Sciences. In the morning session, Professor M.B. Siddiqui from Department of Botany, Aligarh Muslim University, delivered an extension lecture on Plant Taxonomy. In the evening session, Prof. Siddiqui and his research scholar Madam Shazia explained various techniques to collect and store plants for developing herbarium. An excursion to Kanjali Wetland and Kaali Bein was planned to explain the actual technique of plant collection.
- **Extension lecture** was organized by the Department of Journalism and Mass Communication on “**Cinematography and Radio Jockeying**.”. The keynote Speaker was Sh. Satraj Joshi, Film and Ad Maker from Mumbai. He taught the basics of Cinematography, Photo journalism, documentary making. RJ Roop Kiran from Radio Mirchi who spoke on the “Art of Voice Modulation and Radio Jockeying, on August 25, 2009.
- **Guest lecture** was also organised by the Department of Journalism and Mass Communication on “**Media and News**”. Sh. Saurabh Kapoor, Producer, Headlines Today and proud College alumni was the key note Speaker. He



emphasized on the fact that 'People who read are the people wholead'. He also apprised the students about professionalism, devotion and dedication required to prosper in the field of reporting and anchoring.

### 9. Research Projects :

Research activities in science faculty got a big boost by recognition under **Star College Scheme of DBT for 6 Science Departments and DST-FIST supported PG Departments of Chemistry & Physics**. Numerous Conferences were organized during the 2009-10: International Colloquium on Biotechnology was a grand success, besides a few National Conferences, a large number of Extension Lectures, Seminars, Workshops and the allied academic activities.

DAV College, Jalandhar is infact, on the threshold of making new benchmarks in the field of research: **Three International Collaborations** have been proposed:

- For discovering and testing of vaccine for Rhodes Disease in collaboration with Japan and Spain, besides national institutions.
- Research Centre in Ceramics in the Department of Physics.
- Herbal Medicines related research collaboration in the Department of Biotechnology.
- The Research Instrumentation Laboratory in Department of Chemistry has become hub of Research projects by Teachers and centre of analysis by Students.

### UGC Sanctioned Major Research Projects Completed:

| Sr. No. | Teacher           | Department | Title of Project  | UGC Sanction No.   | Amount sanctioned | Status                          |
|---------|-------------------|------------|---|--------------------|-------------------|---------------------------------|
| 1.      | Dr. T D Joshi     | Punjabi    | A Poetics of Medieval Punjabi Lyrical Poetry.                                 | F-5-171/2005 (HRP) | Rs. 5,08,000/-    | Completed 1/7/2006 to 30/6/2009 |
| 2.      | Dr. V B Agnihotri | Punjabi    | A Morpho Syntactical Study of Punjabi of Hindi Speaking Immigrants Settled in | F-5-173/2005 (HRP) | Rs. 4,72,500/-    | Completed 1/7/2006 to 30/6/2009 |

|  |  |  |         |  |  |
|--|--|--|---------|--|--|
|  |  |  | Punjab. |  |  |
|--|--|--|---------|--|--|

**Major Research Project Sanctioned by UGC**

| Sr. No. | Teacher       | Department        | Title of Project   | UGC Sanction No.   | Amount sanctioned |
|---------|---------------|-------------------|--|--------------------|-------------------|
| 1.      | Dr. Raj Kumar | Political Science | Terrorism, Human Rights & Police: A case Study of Punjab | F.5-499/2009 (HRP) | Rs. 5,76,200/-    |

**Minor Research Projects Sanctioned by UGC:**

| Sr. No. | Teacher             | Department             | Title of Project   | UGC Sanction No.          | Amount sanctioned |
|---------|---------------------|------------------------|--|---------------------------|-------------------|
| 1.      | Dr. Komal Arora     | Botany                 | Allelopathic Influence of <i>Cassia occidentalis</i> L. on Germination and Seedling Growth of Other Plants                                 | F.8-1(234)2010 (MRP/NRCB) | Rs. 75,000/-      |
| 2.      | Dr. Rajeev K Sharma | Chemistry              | Synthesis and Characterization of Graft Copolymers as Supports For Metal ion Sorption and Enzyme Immobilization                            | F.8-1(185)2010 (MRP/NRCB) | Rs. 1.35,000/-    |
| 3.      | Mrs Anu Gupta       | Food Sci. & Technology | Freeze-drying of Peas  | F.8-1(271)2010 (MRP/NRCB) | Rs. 1,90,000/-    |
| 4.      | Mr. Manoj Kumar     | History                | Exposure of Health Hazards & Diseases. A Historical Analysis of Eradication Measures adopted by Health Department of Jalandhar since 1970. | F.8-1(375)2010 (MRP/NRCB) | Rs. 1,00,000/-    |
| 5.      | Dr. Vijay K. Verma  | Commerce               | Emerging Trends in Retail Industry in Punjab.  | F.8-1(294)2010 (MRP/NRCB) | Rs. 1,50,000/-    |
| 6.      | Mr. Punit Puri      | Zoology                | To investigate selenium Toxicity in  | F.8-1(127)2010            | Rs. 1,70,000/-    |

|     |                      |                           |  |                            |                |
|-----|----------------------|---------------------------|--|----------------------------|----------------|
|     |                      |                           | Doaba region of Punjab and to co-relate disorders in animals                               | (MRP/NRCB )                |                |
| 7.  | Dr. Dinesh Arora     | Political Science         | Position of Prime Minister vis-à-vis Coalition Government in India                         | F.8-1(395)2010 (MRP/NRCB ) | Rs. 1,50,000/- |
| 8.  | Dr. Anoop Vats       | English                   | Environmental Awareness Through Indian Scriptures  | F.8-1(104)2010 (MRP/NRCB ) | Rs. 85,000/-   |
| 9.  | Mr. Sanjeev Chopra   | Computer Science          | A Study of Risks of Privacy Invasion of India Youths using social, networking sites.       | F.8-1(80)2010 (MRP/NRCB )  | Rs. 1,00,000/- |
| 10. | Dr. Nitin Bhatia     | Computer Science          | Edge Detection Techniques for Grayscale Images   | F.8-1(79)2010 (NRCB)       | Rs. 1,00,000/- |
| 11. | Sh. Vijay Kumar Mago | Computer Science          | Medical Decision Making : Fuzzy Expert System for Congestive heart Failure and Meningitis” | F.8-1(78) 2010 (NRCB)      | Rs. 1,50,000/- |
| 12. | Sh. Pankaj Gupta     | Food Science & Technology | Drying of Red Chillies   | F.8-1(232) 2010 (NRCB)     | Rs. 1,50,000/- |

10. **Patents generated, if any:**

NIL

11. **New Collaborative Research Programmes:**

College is on the threshold of making new benchmarks in the field of collaborative Research. It is in the process of signing three International Research Collaborations:

- Research Collaborations with institutes of Japan and Spain on Discovering and Testing of Vaccine for Rhodes Disease.
- Research Centre in Ceramics in the Department of Physics.
- Herbal Medicines related research collaboration in the Department of Biotechnology.

12. **Research grants received from various agencies:**

The Department of Biotechnology Govt. of India has sanctioned a grant of **Rs. 54**

**lacs** under “**Star College Scheme of DBT**”. The DST-FIST PG Department of Chemistry has also received grant of Rs. 42.90 lac and DST-FIST PG Department of Physics has been sanctioned Rs. 26.50 lac.

The UGC vide letter no F.1-6/2007 (XI Plan/ NRCB) dated 15.1.2010 has also sanctioned, grant “**Allocation for Development Schemes during XI Plan Period**” 1,75,75,000/- (one crore seventy five lac and seventy five thousand only).

### 13. **Details of Research Scholars**

Nine faculty members are actively engaged in research work leading to award of Ph.D. degree. Dr. V.K. Tewari, Dr. L.P. Upadhyay are guiding Ph.D. researchers.

Four faculty members: Dr. T.D. Joshi, Dr. K.S. Thind, Dr. R.B. Singh and Dr. Raj Kumar are engaged in **Major Research Projects** sanctioned by UGC in the year 2009-10.

UGC has approved **twelve Minor Research Projects** of the Faculty Members.

In addition to above, a good number of faculty members are actively involved in writing and presentation of Research Papers.

- **Dr. V. K. Tewari**, Principal, Supervised Ph.D. Research Scholar Sh. Anoop Kumar who submitted his Thesis to GNDU, Amritsar.
- **Dr. L.P. Upadhyay**, Vice-Principal and Head of Sanskrit Department supervised the M.Phil. dissertation titled “Concept of Yoga in the Jain Philosophy in the context of Yogabindu” submitted to the University of Himachal Pradesh University, Shimla, 2009.
- **Dr. Suresh Khurana**, Department of Economics, supervised the following M.Phil. dissertations during this session:
  - “Customer Perception towards New Era Banking”, submitted to Vinayaka Missions University, Salem, by Ms. Jyoti Bala, 2009.
  - “Punjab Tourism as a Service Industry”, submitted to Madurai Kamaraj University Madurai by Ms. Shilpi Seth, 2009.
  - “Economic Reforms in India: Pre and Post Scenario”, submitted to MM Institute of Distance Education, Maharishi Markandeshwar University, Mullana-Ambala, Haryana, by Mr. Gopal Krishan, 2010.

### 14. **Citation index of faculty members and Impact factor:**

Ref. Part-B, Point 7.

15. **Honours and Awards to the faculty:**

It was a matter of pride and honour for the college that **Hon'ble Vice-President of India** nominated **Principal Dr. V.K. Tewari** as Fellow, Panjabi University, Chandigarh.

Besides this, Dr. V.K. Tewari honoured with following

- Member, MHRD Committee on GATS.
- Member, International Division, Punjab Technical University, Jalandhar.
- Member, Lok Adalat, Jalandhar.
- Member, UGC Expert Committee on Conferment of status of Autonomous Colleges.
- Member, UGC Committee for Selection of Professors/ Readers.
- Member, UGC Expert Committee for Allocation of Development Grants for 11<sup>th</sup> Plan. (Ranchi & Jaipur)
- Member, Academic Advisory Committee, Academic Staff College, GNDU, Amritsar.
- Member, College Development Council of GNDU, Amritsar.
- Executive Member, Sports Committee (Men, Women) GNDU, Amritsar.
- Member, High Powered Committee on Examination Reforms, GNDU, Amritsar.
- Member, University Youth Welfare Advisory Committee, GNDU, Amritsar.
- Member, Monitoring Cell on Ragging, GNDU, Amritsar.
- Member, Managing Committee & Selection Committee of DAVIET, Jalandhar.
- Member of Monitoring Committee for private television channels, Ministry of Information and Broadcasting, Govt. of India.
- Panel Member as Resource Person for English Literature and Education, Academic Staff College, GNDU, and Panjab University Chandigarh.
- **Sh. Kunal Mehta, Department of History**, was honoured with the prestigious **State Award** for his commendable contribution towards the cause of voluntary Blood Donation by State Blood Transfusion Council, Punjab and Department of Health, Govt. of Punjab on National Voluntary Blood Donation Day, 1 st Oct, 2009 at the state level function held in Sangrur.
- **Dr. Jagdish Rai Garg**, Department of Punjabi, awarded **Prof. Ajmer Singh Aulakh Award** by Sirjan Art Group (Regd.), Raikot (Ludhiana) on March 28, 2010.

- **Sh. R.K. Parashar**, Vice Principal and Head, Department of English, has been nominated as **Member of Senate**, GNDU, Amritsar.
- **Sh. Tilak Raj Dhingra**, Head, Dept. of Commerce nominated as **Member Faculty of Business and Economics. Member, Board of Moderation**, Department of Commerce GNDU, Amritsar.
- **Mrs. Surinder Kaur**, Head Department of Economics, nominated as **Member Faculty of Economics and Business**, GNDU, Amritsar.
- **Sh Ajay Kumar Aggarwal**, Department of Mathematics, Appointed **Centre Co-ordinator for the Conduct of Regional Mathematics Olympiad (RMO) Test** by Co-ordinator Maths Olympiad, North-West Region.
- **Dr. Anurag Sharma**, Department of Punjabi, Nominated as **Member of Senate**, GNDU, Amritsar.

16. **Internal Resources Generated:**

| <b>Resources</b>  | <b>Amount (Rs.)</b> |
|---|---------------------|
| Donations   | 24000               |
| Contract Money  | 591280              |
| Rent Received   | 479459              |
| UGC/IAS/ NET Classes  | 191471              |
| Discretionary grant received from S. Janmeja Singh Sikhon, Cabinet Minister | 1,00,000            |
| <b>Total</b>  | <b>14,06,200</b>    |

17. **Details of Departments getting SAP/COS/ST/DST/FIST etc.:**

- The Post-Graduate Department of Physics was recognised by Department of Science and Technology, Ministry of Science and Technology, Government of India under **DST-FIST Scheme** and a grant of Rs. 30 Lakh has been sanctioned for Research and Equipment, Networking and Setting up of Departmental Computer lab, Departmental Library and Renovation of Labs.
- The College got **Star College Status** under Department of Biotechnology (DBT) Scheme “**Strengthening of Life Science and Biotechnology Education and Training at Undergraduate Level**”. Under this scheme Rs. 54 Lac has been sanctioned for undergraduate Laboratories and for organising Summer Schools, Winter Schools, Workshops and other Training Programmes in the Department of Biotechnology, Department of Zoology,

Department of Botany, Department of Food Science & Technology, **DST-FIST** Supported PG Department of Chemistry, and **DST-FIST** Supported PG Department of Physics.

### **18. Community Services:**

College is known for its community and social extension services which are undertaken through NSS, NCC, Red Ribbon Club, Youth Club, Mahila Club etc.

#### **National Service Scheme (NSS)**

- A Blood Donation Camp was organised on 9th September, 2009 in College Campus in collaboration with the NGO Citizens' Welfare & Protection Council and Commerce Forum, in total 220 units of blood were collected.
- An AIDS Awareness Programme was held on 10th September, 2009 under which poster making and Paper Reading Competitions were held.
- NSS Volunteers actively participated in Arya Virat Sammelanm held at HMV, Jalandhar.
- Swami Vivekanand's birthday was celebrated as Youth Day on 12th January, 2010. During this programme a paper reading contest was organised on the life history and teaching of Swami Ji and an Extension Lecture on the concerned subject was delivered by Principal Dr. K.C. Joshi.
- One Day Workshop of Universal Peace Federation was held on 8th August, 2009. The resource persons were Urusala from German and Mr. David from UK. Dr. Jyoti from Chennai and Mr. Sandeep from Delhi. Presented a power point presentation on Community, Peace, Love and Family. Group discussion were held on topics like New Vision for Youth in 21st Century, Principles of love and peace, Discovering my identity.

#### **National Cadet Corps (NCC)**

The three wings of the NCC in the college remained active throughout the session and lived upto the glorious traditions of our college.

#### **Army Wing**

The college has one company and one platoon of NCC (Army Wing) commanded by Maj. SK Tuli and Lt. Sameer Sharma. The Army Wing brought laurels to the institution. Some of its activities and achievements were as follows:

- Three girls Cadets Simarjeet Kaur, Smriti Dhamiza, Shimpa Arora attended Punjab Trekk-2009 from 3rd June to 20th June, 2009 at Kufri, Shimla.

- U.O. Anand Bhushan Singh attended IMA attachment at Dehradun from 09, June 2009 to 20th June, 2009.
- U.O. Navkaran attended NIC at Leh from 11 June, 2009 to 22nd July, 2009
- Mrs. Ritu Talwar, Department of Sanskrit delivered a talk on “**Art of Living**” to Cadets on 09.08.2009 and Cadets participated enthusiastically in various indoor exercises.
- Cadets attended rehearsals and participated in Independence Day parade held at Guru Gobind Singh Stadium and won the Best Marching Contingent Trophy. The Contingent was led by S.U.O. Ajay Katyal and U.O. Navkaran.
- Four Cadets attended combined Annual Training Camp at Theh Kanjla, Kapurthala from 17.08.2009 to 26.09.2009.
- Three SD Cadets attended Trekking Camp at Nainital from 29.09.2009 at 13.10.2009.
- Ten Cadets under the leadership of Maj. S.K. Tuli attended Army Attachment Camp from 01.10.2009 to 15.10.2009.
- Three Cadets attended R.D. Base Cap-I at 19 Dogra Regiment at Jalandhar Cantt from 19.10.2009 to 28.10.2009.
- Three Cadets attended RD Base. Camp-II at Jalandhar Cantt. from 30.10.2009 to 8.11.2009.
- Cadet Sansar Chand attended DCAT-I at Ludhiana from 11.11.2009 to 20.11.2009.
- 40 Cadets under the leadership of Sh.Sameer Sharma attended combined Annual Training Camp at Jalandhar Cantt from 23.11.2009 to 02.12.2009.

### **Air Wing**

During the year under report, our Cadets took part in the following events:

- Total number of Cadets enrolled in this session were one hundred, with the following details:

| <b>Year</b> | <b>Strength</b>                    |    |
|-------------|------------------------------------|----|
| III         | 02 Cadets S.D. + 04 Cadets S.W. .. | 06 |
| II          | 17 Cadets S.D. + 06 Cadets S.W. .. | 23 |
| I           | 55 Cadets S.D. + 16 Cadets S.W...  | 71 |



- 3 Cadets attended Pre-DCAT as well as DCAT-I camp at Jalandhar Cantt.
- 2 Cadets attended all India Trekking camp at Nainital from 28.09.2009 to 10.10.2009.
- 10 Cadets attended for PVS-I Camp held at Hisar from 15.09.2009 to 25.09.2009 and 5 Cadets attended Vayu Sainik-II camp at Hisar from 26.09.2009 to 04.10.2009 and 5 Hisar Cadets attended Vayu Sainik Camp at Bangalore from 22.10.2009 to 02.11.2009 and won overall 4th position at national level.
- 63 Cadets attended CATC camp at Kapurthala w.e.f. 27.08.2009 to 05.09.2009 along with Sqn. Ldr A.K. Trivedi and won overall 1st position.
- 3 Cadets attended Attachment camp at Ambala w.e.f. 29.06.2009 to 12.07.2009 and one cadet attended Attachment Camp Dundigal (Hyderabad) w.e.f. 12.10.2009 to 24.10.2009.
- 2 Cadets attended NIC Camp at Pondicherry w.e.f. 03.01.2010 to 14.01.2010.
- Our Cadets participated in Blood Donation Camp and Tree Plantation drive. They did practice in firing and Para-sailing.
- Our Cadet Nitin Mahajan won Sahara Scholarship and received Rs. 12,000/- and one cadet received cash prize on account of Cadet Welfare fund.
- Five Cadets did Aero-Modelling and presented A/M show at DAV College, Jalandhar and 06 Cadets did Power flying.
- Our Cadets regularly visit Rashtriya Andh Vidhyalya, Jalandhar to teach in Maths to visually challenged children.
- 33 Cadets attended CATC at Jalandhar Cantt along with Squ. Ldr. A.K. Trivedi and won overall 1st position.
- 50 Cadets appeared in 'BEE' certificate Examination and 13 Cadets appeared in 'CEE' Certificate Examination 2010.

### **Naval Wing**

The Naval Wing of the college NCC remained active under the leadership of S/Lt. Manoj Kumar. The details of the activities of this wing are as under:

- Sub/Lt. Manoj Kumar, ANO (NCC Naval Wing) brought laurels to the institution on his appointment as 'Contingent Commander' by the Punjab, Haryana, HP, Chd. Directorate for the All India Nau-Sainik Camp held at

Vishakapatnam from Nov 1 to Nov 12, 2009.

- Two Cadets, Uday Thakur and Bikramjeet Singh participated in the Republic Day Parade on 26th Jan, 2010 at New Delhi.
- 16 Cadets attended ATC camp at Goindwal from 19 Dec-28 Dec, 2009. The team won the first prize in Bhangra and Drill competition. Cadet Rahul was selected the best cadet and was adorned with a gold medal. Deepak won Gold Medal in cross country race and Sandeep won the Gold Medal in Firing.
- 14 Cadets attended ATC camp at Dhariwal from Sept 8 to Sept. 18, 2009. Cadet Ankit won the silver medal in the Firing event.
- Cadets Ramanpreet, Ashwani, Sushant, Chandan Singh and Bhupinder attended the Pre-Nau Sainik Camps I and II at Chandigarh.
- Four Cadets attended All India Nau-Sainik Camp at Vishakapatnam from Nov 1, 2009 to Nov. 12, 2009.
- Cadet Bhupinder Singh attended Nau-Sainik Camp at Chilka and won Bronze Medal in the sailing competition.
- 5 Cadets attended the National Integration Camp at Rohtak.

**19. Teachers & Officers New Recruited:**

Teachers : 17  
Officers : 1

**20. Teaching / Non-teaching Staff Ratio:**

| No. of Teaching Staff | No. of Non-Teaching Staff | Ratio |
|-----------------------|---------------------------|-------|
| 235                   | 235                       | 10:10 |

**21. Improvement in the Library Services:**

DAV College has a fully Automated, Digital and Multimedia Library with the facility of DELNET Services.

- The Library has 1,33,025 books 29,959 Text Books and 7, 798 Books as Gifts. It has a large number of manuscripts, multimedia and CD's.
- Library subscribes to 103 periodicals of National and International Repute and 23 Newspapers. The Back volumes of The Tribune, Indian Express and The Economic Times are available since 1970.

- It provides Online Public Access Catalogue (OPAC) along with Internet, Xerox and Multimedia Facility.
- During the year 2009-10, 650 Text Books and 1437 Reference Books worth Rs. 449360 were purchased.
- In the year 2009-10, 787 books were distributed to 351 students for the whole year from Book Bank Section.

**22. New Books Journals Subscribed and their cost:**

**New books/ journals subscribes in 2009-10 and their cost:**

| <b>New Library Holdings</b>        | <b>Number</b> | <b>Total Cost (in Rs.)</b> |
|------------------------------------|---------------|----------------------------|
| Text Books                         | 650           | 160799                     |
| Reference Books                    | 1437          | 388561                     |
| Journals & Periodicals             | 63            | 37074                      |
| E-resources (DELNET)Annual Charges |               | 7500                       |

In addition to above, Rs. 2,69,183/- were spent on Library Services in 2009-10.

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

- Teacher assessment was done through Feed Back Forms provided by the College to UG and PG students.
- Principal personally go through the Feed Back entries and present before meetings of IQAC and Academic Council.
- Dean Grievances Cell also interacts with the students and observes their Feed Back.

**24. Cost of Education**

$$\begin{aligned} \text{Unit Cost of Education} &= \frac{\text{Total Cost}}{\text{Number of Students}} \\ &= \frac{186508999}{4551} = \text{Rs. 40,982/-} \end{aligned}$$

**25. Computerisation of Administration and the Process of Admissions and Examination results, issue of certificates:**

The work of computerization of College Administration is in progress. It has crossed first two stages. Administration and Accounts Blocks have already been computerized. Computer faculty has already developed software for Time-Table, Examination System,

Online Learning Management System etc. By now the institution has Campus Analyser and ERP Software system.

**26. Increase in the Infrastructure facilities:**

To cater to the growing demands of ever swelling student strength, following infrastructural developments took place in the year 2009-10.

- Beginning of construction of a new Girls Hostel (under the special grant sanctioned by UGC).
- Construction Prof. Bansi Lal Block of 8 rooms adjoining Platinum Jubilee Block, near completion.
- Setting up of Girls Common Room adjoining Economics Department.
- New Labs in Department of Computer Science with 68 branded computers and one Intel Quad Core Server.
- New partitions to re-organise and re-design Biotechnology Block.
- Setting up of Journalism and Mass Communication Department with a State of the Art Studio.
- Erection of an independent Power Sub-station for college.
- Renovation of Physics lab for DST Research.
- Establishment of Research Instrumentation Lab in the Chemistry Dept. for DST Research.
- Renovation of two Chemistry Labs for PG students.
- Automation and Computerization of the work of General Office and Accounts Office. One Intel Quad Core Servers and 25 branded Computer Systems have been purchased for the implementation of College Automation.
- Establishment of Digital Telecom/ Intercom system in the whole campus.
- Additional infrastructure by way of provision of chairs, desks in the additional rooms as well as the existing ones.
- The traditional messes in the Hostels have been renovated; new utensils have been provided, new freezers and new provisions for buffet system have been made available to the entire satisfaction of the resident scholars.

- Capacity enhancement in the Girls Hostel has been achieved by way of providing a newly constructed Hall with all provisions for recreation and entertainment of the students.
- Expansion of Botanical garden in view of the new requirements.
- A new Computer Lab and a new departmental library have been added in the Physics Dept.
- Thin Film Unit under DST-FIST renovated Laboratory, which has been provided in the Physics Dept.
- Completion of upgradation work of three laboratories in the Department of Biotechnology.
- Total renovation and upgradation of Laboratories of Food Science & Technology Department.

**27. Technology upgradation:**

- An independent college Power-Sub-Station has been erected.
- Automation and computerisation work of General Office and Accounts Office has been completed. One Intel Quad Core Server and 25 branded Computer Systems have been purchased for implementation of College Automation.
- Digital Telecom system has been installed in whole campus and all major departments.

**28. Computer and Internet access and training to teachers and students:**

- All computer systems of the college and network are enabled with Internet access.
- There is centralized computer lab for faculty and students.
- Training sessions are held in vacations for teaching and non-teaching staff.

**29. Financial aid to students:**

In 2009-10 financial aid of Rs. 58,95,599/- was given to 740 SC/BC and deserving students of the college in the form of stipend.

In addition to above, College also distributed following sponsored scholarships and stipend to the needy and meritorious students:

Year 2008-09

| <b>Sr. No.</b> | <b>Name of Scholarship</b>      | <b>No. of Students</b> | <b>Amount (Rs.)</b> |
|----------------|---------------------------------|------------------------|---------------------|
| 1.             | Shiv Chand Gupta Scholarship    | 112                    | 206300              |
| 2.             | Prof. A.C. Daveswar             | 02                     | 3600                |
| 3.             | Sh. Kasturi Lal Laroya          | 02                     | 3600                |
| 4.             | Sh. R.L. Magon                  | 03                     | 6000                |
| 5.             | Tarawati Sharma                 | 01                     | 2000                |
| 6.             | Smt. Kamlesh Sharma             | 01                     | 2000                |
| 7.             | Sh. Ram Saran Dass Sharma       | 01                     | 2000                |
| 8.             | Prof. Vishwa Nath Sharma        | 02                     | 4000                |
| 9.             | Lala Bakhi Ram                  | 03                     | 3000                |
| 10.            | Mata Droopwati Rehan            | 02                     | 2000                |
| 11.            | Dr. Sudhir Rehan Memorial       | 02                     | 4000                |
| 12.            | Late Captain Ajay K Aggarwal    | 03                     | 15000               |
| 13.            | Manmohan Jaswal & Sushma Jaswal | 04                     | 36000               |
| 14.            | Vaid Tilak Raj Tewari Memorial  | 01                     | 8000                |
| <b>Total</b>   |                                 | <b>139</b>             | <b>2,97,500</b>     |

30. **Support from the “Alumni Association and its activities:**

The college has a strong Alumni Association with thousands of members world-wide. A grand Alumni Meet was organised on December 17, 2009. A large number of alumni drawn from various sections of society from all over India and abroad attended this Meet. The objective of the Meet was to exhort the old students to be dynamic partners/participants in the development of their *almamater* to create enlightened, educated society. **Padam Bhushan Jagjit Singh**, internationally renowned Ghazal Maestro was the chief attraction besides a large number of high profile alumni comprising bureaucrats, politicians, doctors, academicians, business tycoons and others. The Meet was spread over nearly 9 hours and had three components in two sessions:

(A) **Interactive Session:** This session was predominantly nostalgic wherein the speakers very vividly recollected the days spent in the college. The narration

of their experiences came alive packed with many interesting episodes and incidents. The high ideals for living an exemplary life learnt in the classrooms in the college under the tutelage of legendary teachers and principals were gratefully acknowledged by all the speakers. **Sh. Sarban Singh**, a senior IAS officer (Haryana), **Sh. C.S. Talwar**, Senior IAS, Officer (Punjab), **Sh. SC Kalia**, Executive Director, Union Bank of India, **Dr. Vijay Mahajan**, a renowned Cardiologist, Smt Sarojini Gautam Sharda, **Sh. G. S. Khera** (both ADC Jalandhar) **Sh. Anil Vasudeva** Chairman, Improvement Trust, Pathankot, **Sh. Parveen Kumar**, IAS Chief Administrator JDA, **Sh. Pawan Tinu**, Chairman Pb. Scheduled Castes Corporation, Chandigarh **Principal J.C. Joshi**, **Principal J. Kackria** were among the prominent speakers in this session.

**(B) Cultural Extravaganza**

The College Auditorium was the venue for an entertaining evening for all the alumni and the invited guests. It began with a soulful rendition of Kaafi by **Ms. Reena** from the Department of Music. The atmosphere of fun, entertainment and music was furthered by a melodious ghazal sung by **Diljaan**, a promising singer of the college. A hilarious mimicry by a college artist Sameer Pal got a thunderous applause from the audience.

Once the mood was built by the young artists of the college, it was time for the maestros to take over.

**Sh. B.S. Narang**, the celebrated classical singer of North India, our former colleague and an alumnus presented a semi-classical musical item in his inimitable style. He dedicated this to his senior **Padam Bhushan Jagjit Singh**.

Another illustrious alumnus and renowned sufi-singer **Padamshree Hans Raj Hans**, took over from his Guru Sh. B.S. Narang and for next one hour or so took the entire audience to an ethereal sufi musical journey. The audience swayed in ecstasy with **Sh. Hans Raj Hans** who was really in a sublime touch. He was accompanied by a very competent team of musicians who contributed a lot in making the evening memorable. He thanked the entire DAV Fraternity for making him what he is. The break he got in this college was instrumental in the over-all development of his personality and growth as a singer.

The cultural evening climaxed when DAV's most celebrated alumnus, Padam Bhushan Jagjit Singh took the stage. Attired in a striking black ensemble,

Padam Bhushan Jagjit Singh recalled his student days. Singing and narrating his experiences, simultaneously, he had a mesmerizing impact on the audience. True to his style, Sh. Jagjit Singh involved the audience who were literally eating out of his hands. Nobody wanted to leave the auditorium when the Ghazal Maestro finished singing. The audience thronged Sh. Jagjit Singh who obliged almost everyone by giving autographs or getting clicked with other alumni.

- (C) **Down the Memory Lane (Exhibition).** The dignitaries were quite impressed by an exhibition put up in the Dinner Enclosure where Photographs mounted on the stands from the achievers of the college were put up.

**Projects proposed to be accomplished with the help of Alumni.**

During the interactive session and even at the cultural session, the Alumni felt indebted to their *alma mater* for shaping their destinies and expressed their desire to repay a little in whatever form they could. **Dr. Vijay Mahajan** and other prominent alumni in consultation with the Principal ultimately finalized the following two projects for the accomplishment of which every alumnus assured full support.

- New Auditorium with a seating capacity for about 1000 persons.
- A fully equipped state-of-the art Research Centre.

- (D) **Ek Sham Faakir Ke Naam**

To pay tribute to internationally renowned lyricist, Sudarshan Faakir, an illustrious Alumnus, of the college, Alumni Association in collaboration with **Sudarshan Faakir Memorial Society** organized a special programme **Ek Sham Faakir Ke Naam** in college auditorium on 21<sup>st</sup>, February 2010. A large number of established and budding artists of Jalandhar paid musical tribute to their beloved artist by singing Gazals written by Sudarshan Faakir. **Sh. Manoranjan Kalia Hon'ble Cabinet Minister (Pb.)** was the Chief Guest who made a public appeal to compile poetry of Fakir into a book. Alumni Association assured its whole hearted and willing co-operation for this project. **Sh. V.N.Sharma**, an eminent Educationist & a Philanthropist from Canada was the special guest on the occasion. He applauded the efforts of the college to remember its alumni.

- (E) **Visits of distinguished Alumni During the year**

The Alumni Association endeavours to keep in touch with pass-outs of college of Yester Years to capitalize on their vast intellectual and professional



expertise and their valuable guidance for the betterment of their alma mater. Following distinguished alumni visited the college during session 2009-10:

| <b>Name of Alumnus</b>  | <b>Date of Visit</b> |
|---|----------------------|
| <b>Justice M.M. Punchi</b> , Former Chief Justice of India                  | 7.04.2009            |
| <b>Commander R.K. Dhiman</b> , HQ 13, BRTR (GREF)                           | 20.7.2009            |
| <b>Sh. Ravi Bhagat, IAS</b> , Commissioner, Municipal Corporation, Bhatinda | 5.10.2009            |
| <b>Sh. Mohinder Sharma</b> , Eminent Patented Scientist of USA              | 13.11.2009           |
| <b>Sh. Rajesh Ojha</b> , New Delhi  | 13.12.2009           |
| <b>Sh. Ranjit Singh</b> , Jharkhand   | 13.12.2009           |
| <b>Sh. Anshu Kumar</b> , Jharkhand  | 13.12.2009           |
| <b>Sh. Rajib Banerjee</b> , USA   | 13.12.2009           |
| <b>Sh. Praveen Gupta</b> , Mandi Gobindgarh                                 | 13.12.2009           |
| <b>Sh. Bharat Bhushan</b> , Director, Planning Commission, India            | 11.12.2009           |
| <b>Sr. (Mrs.) Pushpa Bansal</b> , Hyderabad                                 | 12.12.2009           |
| <b>Dr. Vishva Dev</b> , Eminent Cardiologist, USA                           | 22.12.2009           |
| <b>Dr. Sudarshan Lal</b> , USA  | 22.12.2009           |

**31. Support from the Parent – Teachers Association and its activities:**

There is no formal parent – teachers association. However, parents are regularly informed about the attendance and performance of their wards. College is proposing to formally launch its Parent Teachers Association.

**32. Health Services:**

The College Health Centre is fully equipped for providing first aid to the emergent cases under the charge of a qualified Medical Officer. It regularly engages itself for creating general awareness regarding health and hygiene among students and staff of the College with the help of visiting doctors from various super-speciality institutes.

The following steps have been taken to empower the Health Care Centre all the more:

- Appointment of regular dietician to clinically assess and thoroughly check the nutritional quality of meals served in the hostel mess.
- Tapping of Reference service through panel of specialists in various city hospitals in emergent cases.
- Providing of round the clock service to the resident scholars in emergent cases.

### 33. Performance in sports activities:

This college is rightly known as the nursery of sports. It has been holding centre stage of the Indian sports for the last six decades. Our sportsmen have won distinctions at the national and international levels. **Eight of them hold the prestigious Arjuna Awards Among our sportsmen, 17 are Olympians and about 100 players have represented India at the international level in sports events.**

During the session, our sportsmen brought laurels to their Alma Mater, the details of which are as follows:

**University Championship :** Kabaddi (National Style), Kabaddi (Punjab Style), Fencing.

**Runners-up Position:** Cross Country Race, Taekwando, Kaya King, Handball, Cricket, Malkhamb, Shooting (Rifle and Pistol)

**Third Position:** Athletics, Hockey, Boxing, Yatching.

#### **Sportsmen Selected for University Teams :**

**Kabaddi (N/S) :** Sultan Singh, Simerjeet Singh, Mangal Singh, Gurjant Singh, Swinder Pal Singh.

**Cross Country Race :** Amandeep Singh, Gurpreet Singh, Veer Chand.

**Handball Team :** Harman Pal Singh, Simranjeet Singh, Amrit Pal Singh.

**Cricket :** Arminder Singh, Navdeep Singh, Rahul Vij.

**Malkhamb :** Sakattar Singh.

**Athletics :** Kirpal Singh, Amandeep Singh.

**Hockey :** Bikramjeet Singh, Prem Kumar, Jagseer Singh, Jaswinder Singh, Jashanpreet Singh I, Jashanpreet Singh II, Sarwan Singh, Amandeep Singh.

**Boxing :** Gurpreet Singh.

**Football :** Amarjeet Singh and Kamalpreet Singh.

**Basketball** :Chetan Sharma.

**Rowing** :Angrez Singh.

**Shooting** :Udhayvir Singh.

**Other Sports Achievements:**

- Our College Kabaddi N/S team won the GNDU Inter College Kabaddi Championship for the 4th time in succession.
- Our College Kabaddi P/S team soon the GNDU Inter College Kabaddi championship for the 8th time in succession.
- Our College Fencing team won the GNDU Inter College Fencing Championship for the 3rd year in succession.
- Our College Football Team won the Jalandhar Distt. Football Championship. It won the 23rd Phagwara Football Cup. It got Runners-up position in the Ist Punjab State 7-A side football championship.
- Rahul Sharma was selected for the Punjab State Ranji Trophy Cricket Team.
- Robin Singh was selected for the Punjab State Under-22 Cricket Team.
- Abhishek Gupta was selected for the Punjab State Under-19 Cricket team for coach Bihar Trophy.
- Kirpal Singh got the Ist position in the All India Inter University in ‘Discuss Throw’. He won Ist position in the National Athletic Meet also. He attended the coaching camp of SAF Games at Patiala for Commonwealth games to be held at New Delhi.
- Sarwan Singh was selected for the Indian Ball Badminton Team which toured Sri Lanka.
- Rahul Saini and Mehtab Singh were selected for the Punjab State softball Team.
- Bhupinder Singh and Naresh Kumar won silver medal in the All India Yoga and Bharat Ratna Yoga Championship held at New Delhi.
- Deepak Sehgal and Manpreet Singh were selected for Samgar Yoga championship held at New Delhi.

**34. Incentive to outstanding sports person:**

- Freeships to the outstanding sports persons

- Prizes and certificates are awarded to the sports person on Annual Sports Day.
- Best Athletes are awarded on Annual Prize Distribution Function.
- Special classes are organised for sports persons.

### 35. Student Awards and Achievements

#### Academic Achievements:

Right from its inception, DAV College, Jalandhar has had the lofty tradition of glorious achievements in respect of the annual examination results. The examination results of a college, no doubt, constitute an unfailing criteria by which the citizens can assess the merits and services rendered by the Institution to the public. Every year, the scholars of this college win top positions in the University examinations. During the year under report, the college won 6 Gold Medals, 13 First Positions, 15 Second Positions and 3 Third Positions in University Examinations.

#### Gold Medalists

| S. No. | Names of the Students | Class                | Marks Obtained |
|--------|-----------------------|----------------------|----------------|
| 1.     | Kuldeep Kaur          | M.Sc.-II (Zoology)   | 984/1200       |
| 2.     | Shilpa                | M.A.-II (Sanskrit)   | 712/800        |
| 3.     | Megha Chabra          | M.Sc. (CSC)-IV Sem   | 1818/2400      |
| 4.     | Anuradha              | M.Sc.-II (Chemistry) | 965/1275       |
| 5.     | Amandeep Kaur         | M.Sc.-II (Maths)     | 755/1000       |
| 6.     | Pavneet Kaur Gill     | BFST-IV              | 1737/2200      |

#### First Positions

| S. No. | Names of the Students | Class                | Marks Obtained |
|--------|-----------------------|----------------------|----------------|
| 1.     | Kuldeep Kaur          | M.Sc.-II (Zoology)   | 984/1200       |
| 2.     | Shilpa                | M.A.-II (Sanskrit)   | 712/800        |
| 3.     | Megha Chabra          | M.Sc. (CSC)-IV Sem   | 1818/2400      |
| 4.     | Anuradha              | M.Sc.-II (Chemistry) | 965/1275       |
| 5.     | Amandeep Kaur         | M.Sc.-II (Maths)     | 755/1000       |
| 6.     | Pavneet Kaur Gill     | BFST-IV              | 1737/2200      |
| 7.     | Shubra Uppal          | BFST-III             | 528/600        |
| 8.     | Neha Bhalla           | BFST-II              | 527/600        |
| 9.     | Mehak Chadha          | M.Sc.-I (Maths)      | 388/500        |

|     |                   |                   |         |
|-----|-------------------|-------------------|---------|
| 10. | Sonika Basra      | M.Sc.-I (CSC)     | 606/800 |
| 11. | Amershaewar Nayak | MA-I (Sanskrit)   | 324/400 |
| 12. | Shaveta Kapoor    | M.Sc. (Chem.) - I | 469/600 |
| 13. | Amanjot Kaur      | BFST – I          | 357/450 |

### Second Positions

| S. No. | Names of the Students | Class                 | Marks Obtained |
|--------|-----------------------|-----------------------|----------------|
| 1.     | Shivani Kumari        | M.Sc.-II (Zool.)      | 949/1200       |
| 2.     | Punisha Devi          | M.A.-II (Skt.)        | 619/800        |
| 3.     | Jaspreet              | MA-II (Hindi)         | 612/800        |
| 4.     | Pallavi               | MA-II (Econ)          | 711/1000       |
| 5.     | Komal                 | M.Sc.-II (Phy)        | 945/1200       |
| 6.     | Varindervan Thathur   | M.A.-I (Skt.)         | 285/400        |
| 7.     | Nannu Soni            | M.Com.-I              | 611/750        |
| 8.     | Meenakshi             | M.Sc.-I (Phy)         | 439/600        |
| 9.     | Puneet Kamal Kaur     | BFST-IV               | 1811/2200      |
| 10.    | Dilpreet Kaur         | BST-III               | 507/600        |
| 11.    | Davinder Kaur         | BFST-II               | 506/600        |
| 12.    | Chetan Sharma         | B.Sc.-I (NM)          | 641/800        |
| 13.    | Harneet Kaur          | M.Sc. – I (Chemistry) | 468/600        |
| 14.    | Shruti Dhadwal        | M.Sc.-II (Chemistry)  | 960/1275       |
| 15.    | Varinder              | BFST - I              | 348/450        |

### Third Positions

| S. No. | Names of the Students | Class/ Programme | Marks Obtained |
|--------|-----------------------|------------------|----------------|
| 1.     | Ramneet Kaur          | MA-I (History)   | 265/400        |
| 2.     | Sonika Seth           | B.Com.-I (Prof.) | 635/650        |
| 3.     | Palwinder Kaur        | BA-II            | 631/800        |

### Merit Positions

Taken in totality about 100 students were placed in the merit in different examinations.

### Co-Curricular Achievements:

College artists, debaters and speakers too brought laurels to the institution. They participated in various festivals and competitions to secure pride positions.

- **25<sup>th</sup> National Youth Festival at MDU, Rohtak:**The College Mime Team comprising Shruti, Ruhinder, Anubha, Vivek, Divesh & Ullas Mahajan bagged first place at 25<sup>th</sup> National Youth Festival at MDU, Rohtak held from 2.10.2009 to 6.20.2009. Ruhinder & Anubha also participated in Skit of GNDU which was declared first.
- **National Open Inter-varsity Youth Festival, Bhubaneswar:**The College had a singular honour of representing Punjab contingent in the **15<sup>th</sup> National Youth Festival, Bhubaneswar** jointly organised by Ministry of Youth Affairs and Sports, Government of India, Nehru Youth Kendra and Orissa Government from 8.1.2010 to 12.1.2010. Two items: **One-act play and Elocution** were allotted to DAV College, Jalandhar. DAV Artists did the state proud by bagging **Second Place in the category of One-Act Play** while competing with almost all the states and Union Territories of India. Dr. Anoop Vatts, a National Youth Awardee himself, led the contingent.
- **North Zone Inter-varsity Youth Festival, Kurukshetra University, Kurukshetra:**To represent Guru Nanak Dev University, Amritsar at North Zone Inter Varsity Youth Festival at Kurukshetra University, Kurukshetra the College Artists proved their mettle in theatre by getting First place in Mime and Third place in One-Act Play. The College Artists were also a part of the University Skit Team that won First Place. Not only did the University lift the Theatre Trophy but also was declared the Over-All Champions. A major contribution to this victory came from our artists. Besides sterling performance in theatre, the College Quiz Team comprising Shubra Uppal, Vipul Sharma and Kumar Sambhav were placed third in a very keenly fought Quiz with teams from 29 Universities of North India. Dr. Dinesh Arora and, Ms. Komal Sethi worked very hard for the preparation of this Quiz Team.
- **GNDU Inter-Zonal Youth Festival :**Guru Nanak Dev University- Zonal Youth Festival that was held from 8 November to 11 November, 2009 in the University Campus saw the emergence of College as the Second Runners Up. Not only did the College artists lifted the Over-All Championship Trophy-Second Runners Up but also bagged the Theatre Trophy as well as the Literary Trophy.

We were **First in Quiz, One-Act Play, Second in Elocution, Histrionics, Bhajan (Solo) and third in Semi Classical, Classical Instrumental Percussion and Western Vocal Solo.**

- **GNDU Zonal Youth Festival, Ladhewali (Jalandhar):**In the Guru Nanak Dev University Zonal Youth Festival held at GNDU Regional Campus, Ladhewali from 3.11.2009 to 6.11.2009.We bagged First Position in One Act Play and Bhangra, Second position in Elocution, Histrionics, Quiz, Western Vocal Solo and third place in Semi Classical, Classical Instrumental(Percussion), Classical Instrumental(Non-Percussion), Creative Dance, Painting(Land Scape) and Bhajan(Solo).

**36. Activities of the Guidance and Counselling Cell:**

Guidance and Counselling Cell guides the students at all stages from the day of admission to the completion of course. The activities and services provided by guidance and counseling cell include:

- Receiving suggestions and complaints from the students and providing their appropriate solution.
- Creating a congenial and conducive atmosphere and complacency among students.
- Identification of slow and advanced learners and special coaching for them.
- Interaction with Student Welfare Association and student Grievances cell.
- Interaction with subject societies and clubs.
- To organize extension lectures on Personality Development, Stress Management, Time management, Power of thinking etc.
- Counselling for personal problems.

**37. Placement Services provided to students:**

The Training and Placement Cell of College can boast of its dynamic activities during the Session 2009-10. The Dean of Training and Placement Cell Prof. Rajiv Sharma alongwith his team of Sh. Ashok Kapoor, Sh. Manav Aggarwal, Sh. Pankaj Gupta, Sh. Vijay Mago and others did commendable job in securing campus placements for good number of students. Many MNCs were invited for Campus Recruitment & Placement and students were inducted by the dozens because of their outstanding abilities which they owe to the most caring and growing atmosphere of the grand Institution called DAV College, Jalandhar. The factual status can be highlighted as:

|    |                                    |            |
|----|------------------------------------|------------|
| 1. | Barclays shared Services Pvt. Ltd. | 03         |
| 2. | IBM Daksh                          | 38         |
| 3. | WIPRO BPO                          | 08         |
| 4. | Reliance Foods                     | 14         |
| 5. | HDFC Standard Life Insurance       | 26         |
| 6. | Other Institutions                 | 16         |
| 7. | Corporation Bank                   | 02         |
| 8. | Nestle India, Moga                 | 01         |
| 9. | Infosys                            | 16         |
|    | <b>Total</b>                       | <b>124</b> |

The Training and Placement Cell also conducted a Workshop on “Tally Software understanding” which is the most sought after qualification in the modern Computer Savvy World. The Workshop was conducted in Association with NIIT, Jalandhar. The Students were greatly benefited as the Workshop was conducted in almost six batches of students.

A Company named ‘Making India Employable’, Gurgaon came over and conducted a Seminar on the development of Communication Skills.

### **38. Development Programmes for Non-Teaching Staff**

- College has a Credit and Thrift Society both for the Teaching and Non-Teaching Staff. It provides loans and financial assistance at the time of family needs to Teaching and Non-Teaching Staff.
- College provides Staff Quarters to some of its Non-Teaching Staff Members.
- The Children of Non-Teaching Staff are provided education in college at very nominal charges.

### **39. Best Practices**

- Emphasis on Value & Need based education which is globally relevant and yet rooted in the matrix of India philosophy.
- To provide education in perfect rhythm with Vedic Wisdom and modern scientific Temper.
- Training and Placement Cell to guide and arrange placements for the eligible students.
- Feedback Mechanism
- Free access to High speed computer network and internet connectivity.



- Inter disciplinary approach in almost all courses.
- Constant efforts for industrial tie-ups.
- Incentives and scholarship to deserving students.
- Encouragement to academic research.
- Organising National Seminars and Conferences and short term courses.
- Well stocked open-shelf Library.
- Emphasis on Social Extension Activities with the help of NSS, Youth Club, Mahila Club, Red Ribbon, Subject Societies etc.
- Centre for Competitive Examinations.
- Decentralisation of administrative powers through various committees for democratic and transparent functioning of the College.
- Emphasis on sports activities.
- Liberal financial assistance to the students.

**40. Linkages developed with National/International/Academic Research Bodies**

- College has established linkage with foreign libraries and source material through DELNET and OPAC System.
- College students actively participate in various Inter College competitions, organised by local and neighbouring colleges.
- College has established good linkages with Media Centres, NGOs, Social organisations like Rotary Club, Lions Club. Two known NGOs of the city PAHAL & CWPC (Citizens Welfare and Protection Council) have direct links with the institution. They are being run by faculty members and college students actively take part in the activities of these NGOs’
- The PG Department of Political Science publishes its research journal. The research articles of eminent national and international scholars get suitable place in it. Even its Advisory Board includes the name of National & International scholars.
- Distinguished alumni also act and develop National and International linkages.
- Many faculty members are also the members of Regional and National academic and non-academic bodies.

**41. Any Other relevant information:**

No



## **Part-C**

### **Detail plans of the Institution for the next year:**

- To maintain high standards in education with constant academic upgradations and evaluation.
- To focus on holistic development of the students by giving them opportunities and training in their areas of interests and talent.
- To groom young students to be physically well developed, morally upright, intellectually well informed, socially concerned and emotionally balanced.
- To organise Orientation Programme for new students to make them aware about DAV traditions Vision and Mission of the College.
- To enhance students' academic performance through Class tests, Mock Tests, Surprise Test, etc.
- To lay stress on faculty upgradation and enrichment.
- To upgrade Science laboratories with modern equipments.
- To build a new Computer Lab in the Department of Physics.
- To encourage the faculty to be equipped with modern teaching aids for interactive class room teaching.
- To enhance quality Research and Consultancy services.
- To strengthen Training & Placement Activities.
- To upgrade & enhance the infrastructural and academic facilities.
- To arrange Remedial classes for weak students.
- To widen the scope of Social Extension and Community Services through NCC, NSS and departmental Clubs & Societies.
- To improve teaching methods by using teaching aids like OHP, LCD Projectors, Smart Boards etc.
- Renovation/Modernisation of College Hostels.
- To ensure minimum 75% attendance in classes.
- To focus not only on academic achievements but also on sports and co-curricular activities.

- To organise short term courses and workshops for ‘Personality Enrichment’, ‘Communication Skills’, ‘Interactive Skills’, ‘General Awareness’ etc.
- To lay emphasis on ‘Student Research Project Works’, ‘Market Surveys’, ‘Industrial Visits’, ‘Practical Training Attachments’.
- To pursue the case for re-accreditation of College by NAAC, Bangalore.
- To start ‘Earn while Learn Programme’ for the students.
- Looking at the growing trends in the market and industrial sector and introducing need based curriculum.
- To start Research Journal in Computer, Economics, Commerce, Chemistry and Physics Departments.

**Coordinator, IQAC**  
**Dr. L. P. Upadhyay**  
**Vice-Principal**

**Chairman, IQAC**  
**Dr. V K Tewari**  
**Principal**

**Annexure – 1**

**List of Members of Internal Quality Assurance Cell (IQAC): 2009-10**

| <b>S. No.</b> | <b>Name</b>             | <b>Designation</b>                                     |
|---------------|-------------------------|--|
| 1.            | Principal V.K. Tewari   | Chairman, Head of Institution                          |
| 2.            | Dr. L.P. Upadhyay       | Vice-Principal, Co-ordinator of IQAC                   |
| 3.            | Sh. R.K. Prashar        | Vice-Principal   |
| 4.            | Sh. M. S. Shouri        | Registrar  |
| 5.            | Sh. Vipin Kumar         | Dy., Registrar   |
| 6.            | Sh. T. R. Dhingra       | Bursar   |
| 7.            | Mrs. Archana Oberoi     | Dy. Bursar   |
| 8.            | Sh. V. K Sareen         | Dean, Placement  |
| 9.            | Sh. Kunwer Rajeev       | Dean, CCA Department                                   |
| 10.           | Sh. Naveen Saini        | Librarian  |
| 11.           | Dr. Ashwani Sharma      | Dean, Centre for Competitive Examinations              |
| 12.           | Dr. Dinesh Arora        | Public Relations Officer                               |
| 13.           | Dr. Anurag Sharma       | Dean, Discipline                                       |
| 14.           | Sh. Romesh Kumar        | Head, Department of Mathematics                        |
| 15.           | Sh. C. B. Gaur          | Head, Department of Commerce                           |
| 16.           | Sh. Rakesh Sharma       | Head, Department of History                            |
| 17.           | Sh. A. K. Trivedi       | Head, Department of Geography                          |
| 18.           | Sh. Manu Sood           | Head, Department of Physical Education                 |
| 19.           | Sh. Nischay Bahl        | Head, Department of Computer Science                   |
| 20.           | Mr. Chaitanya Mahajan   | Student's Representative                               |
| 21.           | Ms.Shubhra Uppal        | Student's Representative                               |
| 22.           | Sh. Lakhbir Singh       | Staff Representative Local Committee                   |
| 23.           | Sh. Kundal Lal Aggarwal | President, Local Managing Committee                    |
| 24.           | Sh. M. L. Aeri          | Director, College, DAV Managing Committee, New Delhi   |
| 25.           | Sh. Vijay Chopra        | Chief Editor, Punjab Kesri Group of Newspapers, Alumni |

