

**Annual Quality Assurance Report**  
**(AQAR)**  
*Of the*  
**Internal Quality Assurance Cell**

**2010-11**

**Lyallpur Khalsa College**  
**Jalandhar**

## **The College**

Lyallpur Khalsa College, Jalandhar, is the leading institute of Northern India located in the heart of Jalandhar City. Established as a school in 1908 at Lyallpur now in Pakistan and upgraded to a degree college in 1928, this institution has witnessed the holocaust of the partition of India in 1947 and got reestablished in Jalandhar in 1948. The college is currently imparting quality education to around 6000 students including 2600 girls. Its easily accessible location and a host of quality facilities for everyone concerned with the institution makes this college a firm favorite among the students, staff and surrounding areas. The world class infrastructure of the college, the use of latest teaching methods, exclusive research facilities and a highly active placement cell provide students an ideal place to study and explore future possibilities.

The institute was assessed by the NAAC in 2003 and was accredited with A+ Grade. The Internal Quality Assurance Cell established thereafter has strived for the development of the college and to ensure that quality standards in the field of education are maintained.

The college has a unique reputation in Sports for having given a number of national and international players to the country and also winning the Teja Singh Samundari overall sports trophy of GNDU for consecutive 11 times.

## **Part A: The Plan of Action by IQAC towards Quality**

### **Enhancement by July 2010 and the Outcome Achieved:**

#### **1. To get the college reaccredited by the NAAC**

The College decided to go for reaccreditation by the NAAC in order to maintain quality standards in education. As a part of this process the self study report of the institution was submitted to the NAAC in the month of December. The Visit of the Peer Team is going to take place in July 2011.

#### **2. To Ensure that the seminars and workshops sanctioned by the UGC are conducted successfully and meaningfully**

It was on the priority list of the IQAC to ensure that the seminars and workshops sanctioned by the UGC are conducted successfully and meaningfully. As a result the College successfully organized as many as **six** UGC sponsored national level seminars this session, out of which, three were based on languages, one each on Computer Science and Environment Studies while the other one was a joint venture concerning Mathematics and Physiotherapy.

#### **3. To procure maximum financial assistance from UGC for different departments**

As advised by the IQAC, the College applied for financial assistance to UGC under different schemes. As a result, financial assistance was provided to the college by the UGC for organizing six national level seminars. The College was awarded Star College status along with a financial grant of Rs. 55 lacs.

#### **4. To start the construction of a new girls hostel**

To accommodate the rapidly increasing number for College Hostels, the IQAC recommended the construction of a new Girls Hostel building. Following the recommendations, the construction of new hostel for girls started with financial aid from the UGC.

## **5. Updating the existing language lab.**

Efforts were made to upgrade the existing language lab of the college. The language lab was upgraded by providing new infrastructure and Computer technology suitable to the needs of foreign language teaching.

## **6. Laying of Astroturf in the College Hockey Grounds**

The IQAC of the college initiated to get the College Hockey ground laid with Astroturf with an aim to promote the national game in the region and to provide the best hockey surface for players. This will provide the budding sportsmen an excellent opportunity to make their mark on Indian Hockey. For this purpose the college has also collaborated with the hockey academy of Punjab & Sindh Bank.

## **7. To establish a research centre in Sciences**

The college established **S. Balbir Singh Research Centre for Sciences** in order to promote research activities in Sciences. Headed by Dr. GS Samra of the Department of Mathematics, this research centre is the fourth research centre of the college.

## **8. Maintaining University Sports Championship**

The College has been the winner of the prestigious Teja Singh Samundari Overall Sports Trophy of sports of Guru Nanak Dev University, Amritsar for successive past ten years. This year too, the college won the trophy, with record making eleventh time in a row by bagging a grand total of 108 points and maintained its outstanding performance in sports.

## **9. To enter into collaborations for achieving excellence in various areas**

Apart from the MOU signed with Punjab & Sindh Bank for the development of Hockey, the IQAC also pushed through an MOU for the college with 'Puple Leap' for establishing **Career Centre** which will commence in session in 2011-12. Similarly, in association with 'Campusdias' the college will conduct regular tests with an objective to bridge the gap between the corporate world and students which will also raise up the number of placements for the students.

## **Part B:**

### **1. Activities reflecting the goals and objectives of the Institution**

The primary aim of the IQAC is to provide quality education to the students and this is the blueprint for all the policies and plans of the college. The college encouraged its faculty to participate in various Computer Training programs, Research activities,

Refresher and Orientation Courses. Apart from education, the college also tries to ensure job opportunities for the students. The placement cell of the college arranges placements for students after they have completed one particular course of study. Extra-curricular activities such as sports, N.C.C, N.S.S. and cultural programs lead to all round development of the students. Students are encouraged to participate in these programs.

Career – oriented courses, coaching programs, training camps, physical education programs and workshop are organized for achieving these objectives and thus for ensuring for students a comprehensive practical education that may provide them self sustenance and make them global citizens with a vision for the future. Cultural Heritage Centre and the Environmental Studies Department are always up to educating the youth regarding our culture and surroundings. Professional courses have been, and are being, introduced to meet the requirements of the modern competitive world.

## **2. Innovations in Curricula Design and Transaction**

Although the curricula for various courses is designed and decided by Guru Nanak Dev University, Amritsar, to which the college is affiliated to but still the college has a significant role in that process. Many of the staff members of the College as members of the academic bodies of the University provide their suggestions to the University regarding the required changes in the curriculum. However the curriculum transmission is directly concerned with the college Syllabi of various classes were divided in terms in order to make teaching–learning process convenient, conducive and productive. Frequent tests, course assignments, group discussions ensured better understanding of the objects of study. A short discussion, done on previous day class, enabled the students to link different things together. Classes were made effective by the use of OHP and other audiovisual facilities. The quiz method of teaching, being employed by the Department of English, was employed by other departments like the Department of History, the Department of Political Science and the Department of Physics too. Students enthusiastically participated in such quiz programs. Students of Commerce classes were asked to prepare regular presentations about, and write project reports on, companies after getting information from the various sources. Multimedia techniques were taken help for this process. Students of Communication Skills classes were given practical work to make them have actual and not just theoretical experience of the things. Guest lectures and extension lectures were arranged to make the concepts clear to the students.

### **3. Examinations reforms implemented**

In addition to the house exams, regular unit tests, seminar classes, group discussions, assignments and project works were the various ways adopted by the teachers to examine and evaluate the students. Special emphasis was given to identify problems of the students regarding examinations and solutions were sought by academic discussions wherever possible. Teachers were given printed copies of examination rules to ensure smooth conduct of examinations, both college and university. Notice was circulated among students not to bring mobile phone within the examination center. Term wise division of the syllabi for annual as well as semester system was distributed to the students and special extra classes were started for academically weak students. Model test papers and evaluation procedures were also distributed among the students. The aim was to make the complete examination set-up transparent and understandable to the students.

### **4. Candidates Qualified: NET / SLET / GATE etc.**

During this session, 05 candidates from the PG Department of Commerce, 02 from the PG Department of Punjabi and one each from the PG Departments of Economics, Political Science and Geography, successfully cleared the UGC-Net examination.

### **5. Initiatives towards Faculty Development Programme**

Teachers were thoroughly encouraged by the IQAC to participate in Orientation Programmes/Refresher Courses organized time to time by the Academic Staff Colleges under UGC.

**Following is the list of the teachers who attended various refresher courses/ orientation programs:**

#### **Department of Commerce**

##### **Amita Shahid**

- Attended Refresher Course in G.N.D.U, Amritsar.

##### **Ravneet Bains**

- Attended a General Orientation Course in May-June 2010 at GND University Amritsar

##### **Vivek Mahajan**

- Attended Refresher Course in G.N.D.U, Amritsar

## **Department of Computer Science**

### **Sanjeev K. Anand**

- Participated in 10-day training workshop named project *Genesis* organised by Punjab InfoTech, Infosys and Punjab Govt. at Chandigarh.

### **Sandeep Singh**

- Attended a General Orientation Course in May-June 2010 at GNDU, Amritsar.

### **Gagandeep Singh**

- Attended a General Orientation Course in May-June 2010 at GNDU, Amritsar.

## **Department of Chemistry**

### **Surinder Kaur**

- Attended a national conference on *Green, Eco Friendly & Sustainable chemistry, RAGES 2010*, Sep. 10-11, HMV, Jalandhar.

### **Arunjit Kaur**

- Attended a national conference on *Green, Eco Friendly & Sustainable chemistry, RAGES 2010*, Sep. 10-11, HMV, Jalandhar.

### **Dr. Bhupinderpal Singh**

- Attended a national conference in *Green, Eco Friendly & Sustainable Chemistry, RAGES 2010*, Sep. 10-11, HMV College, Jalandhar.
- Attended a General Orientation Course in May-June 2010 at GND University Amritsar

### **Dr. Rajnish Moudgil**

- Attended a Refresher Course from Nov. 29th to Dec. 18th 2010 at HP University Shimla

### **Dr. Navjot Kaur**

- Attended a Refresher Course from Dec. 24th to Jan. 13th 2011 at GND University Amritsar.
- Attended a National conference on Green Chemistry, Recent trends and Applications (NCGC-2010), Sep. 28-29, 2010 at D.A.V. College, Jalandhar.

### **Dr. Geetanjali Kaushal**

- Attended a Refresher Course from Nov. 29th to Dec. 18th 2010 at HP University Shimla

### **Akhil Vohra**

- Attended a national conference in *Green, Eco Friendly & Sustainable Chemistry, RAGES* 2010, Sep. 10-11, HMV College, Jalandhar.

#### **Sangeeta Madaan**

- Attended a national conference in *Green, Eco Friendly & Sustainable Chemistry, RAGES* 2010, Sep. 10-11, HMV College, Jalandhar.

#### **Pooja Dhiman**

- Attended a national conference in *Green, Eco Friendly & Sustainable Chemistry, RAGES* 2010, Sep. 10-11, HMV College, Jalandhar.

#### **Deepika Chopra**

- Attended a national conference in *Green, Eco Friendly & Sustainable Chemistry, RAGES* 2010, Sep. 10-11, HMV College, Jalandhar.

### **Department of Biotechnology**

#### **Dr. Arun Dev Sharma**

- Attended one day UGC sponsored workshop on *Genetic Engg.* at KMV, Jalandhar.
- Attended UGC sponsored workshop on HMV Jalandhar.
- Attended refresher course at HP University, Shimla

#### **Dr Gurpreet Singh**

- Attended one day UGC sponsored workshop on Genetic Engg. at Doaba College, Jalandhar.

#### **Gobind Ram**

- Attended one day UGC sponsored workshop on Genetic Engg. at KMV College, Jalandhar.
- Attended one day UGC sponsored workshop on Genetic Engg. at KMV College, Jalandhar.

### **Department of English**

#### **Jasreen Kaur**

- Acted as the Chairperson of Organizing Committee for the UGC sponsored National Seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011



**Sarita Tewari**

Participated in the International Seminar on *Teaching Profession in the Age of Information and Communication Technology* held at National Academy for Education Management in Dhaka, Bangladesh from 26-28 Dec., 2010

**Dr. Charanjit Singh**

- Was the Convener of UGC sponsored two-day National Seminar on *English Language Teaching in India: Problems and Strategies* held on 25-26 Feb. 2011.

**Balraj Kaur**

- Attended refresher Course in English from 3-12-2010 to 23-12-2010 at Guru Nanak Dev University, Amritsar.

**Hariom Verma**

- Participated in Third EduConvex, an international conference on *Challenges in Higher Education* at New Delhi on Feb 05 2011

**Ahuja Sandeep**

- Participated in 10-day training workshop (27 September 2010 to 07 September 2010) named project *Genesis* organised by Punjab InfoTech, Infosys and Punjab Govt. at Chandigarh.

**Dr. Kanchan Mehta**

- Attended a General Orientation Course at Punjab University Chandigarh from May 18 to June 16, 2010.

**Department of Physics****Prof. Balwinder Singh Chahal**

- Attended a Refresher Course in Physics at HPU, Shimla from April 26 to May 15, 2010.

**Department of Life Sciences****Gagandeep Kaur**

- Participated in International Conference on "Preparing Agriculture for Climate Change" at PAU, Ludhiana. Feb. 6-8, 2011.

**Department of Economics**

### **Dr. Simranjeet Singh Bains**

- Attended a workshop during at Punjabi University Patiala.

### **Tajinder Singh Dhillon**

- *Attended National Workshop on Research Methodology for Social Sciences* organized by the Dept of Social Sciences GNDU Amritsar in collaboration with SPSS South East Asia Bangalore on 19-24 April 2010.

## **Department of Geography**

### **Dr. Lakhvinder Singh**

- Attended a three day workshop on *Remote Sensing and GIS* at Punjab University, Chandigarh.

### **J.S. Rana**

- Attended a three day workshop on *Remote Sensing and GIS* at Punjab University, Chandigarh.

## **Department of Physiotherapy**

### **Dr. Kiranjeet Kaur (MPT, MIAP) (Pediatrics)**

- Attended workshop on *Specialized Techniques MET & MFR* conducted by the department on 5-6 August 2010.

### **Dr. Jagdeep Kaur (MPT, MIAP) (Orthopedics)**

- Attended workshop on *Specialized Techniques MET & MFR* conducted by the department on 5-6 August 2010.

### **Dr. Rajesh Gautum (MPT orthopedics)**

- Attended workshop on *Specialized Techniques MET & MFR* conducted by the department on 5-6 August 2010.

### **Dr. Banita (BPT, Clinical Therapist)**

- Attended workshop on *Specialized Techniques MET & MFR* conducted by the department on 5-6 August 2010.

### **Dr. Amandeep (BPT, Clinical Therapist)**

- Attended workshop on *Specialized Techniques MET & MFR* conducted by by the department on 5-6 August 2010.

## **Department of Punjabi**

### **Gurpartap Singh**

- Attended a four-day workshop organized by Punjabi University, Patiala.

### **Dr. Sukhbir Singh**

- Attended a four day workshop during March 2011 at Punjabi University, Patiala.

## **Workshops/Seminars organized**

The session 2010-11 has been an outstanding session in the annals of the college. This is because of the organization of 5 UGC sponsored national level seminars and one UGC sponsored national level Workshop over the course of the session. The organization of these seminars was in tune with the institutional policy of promoting research in diverse areas such as Languages, Computers, Mathematics, Physiotherapy and Environment Studies.

The Post Graduate Department of Mathematics, in association with Physiotherapy Department, organized three day National Seminar sponsored by University Grants Commission on *Role of Statistics in Physiotherapy* from Thursday to Saturday, November 25–27, 2010, at the college Conference Hall. Dr. R.S.Khandpur Director Pushpa Gujral Science City, Kapurthala was the chief guest.

The convener of the seminar was Dr. Gurpinder Singh Samra of Department of Mathematics. In this seminar 87 research papers were presented with participation of 96 delegates from allover India. The souvenir and the proceeding of the seminar were released on the inaugural and valedictory sessions respectively.

Media persons, linguists, grammarians, scholars and teachers from India and abroad gathered in the campus of Lyallpur Khalsa College, Jalandhar on 28 and 29 January 2011 to participate in UGC sponsored two day National Seminar on *Impact of Media on Language Literature and Culture*. The seminar organized by the Post Graduate Department of Punjabi witnessed discussion on changing scenario in language and linguistics in light of development of electronic and print media, particularly with the development of satellite channels, information technology and internet. The Chief Guest of the occasion was noted linguist and former Vice Chancellor Punjabi University Patiala, Dr. Joginder Singh Puar. Addressing the present Dr. Puar said that the media, being an influential force, could play an important role in the shaping of a society and its attributes like language and culture and it has to play a constructive role in this regard for the development of an ideal society where art and life may freely flourish.

The different sessions of the seminar were presided over by famous Punjabi writer like Dr. Surjit Patar, Dr. Waryam Singh Sandhu and Dr. Jagbir Singh, Dr. Krishan Kumar Rattu, Director Doordarshan Kendra Chandigarh The notable speakers in the seminar included Dr. S.P. Singh former Vice Chancellor GNDU, Amritsar, Dr. Daljit Singh Director Doordarshan Kendra Jalandhar, eminent journalist Satnam Manak and Sidhu Damdami (key note address), famous Punjabi poet Navtej Bharti from Canada, Dr. Manjit Pal Kaur famous Punjabi poet and dramatist, Dr. Bikram Singh Ghuman, former Professor of Punjabi, GNDU Amritsar, Dr. Harjinder Singh Walia, Head Dept. of Journalism and Dr. Joga Singh, Head Dept. of Anthropological linguistics Punjabi University Patiala, Prof. Piara Singh Bhogal and Sh. Gurdev Chauhan, Editor South Asian Ensemble, Canada and Jagdev Nijjer Ex-student of college from Canada, Dr. Ambrish, Senior Professor Govt. Medical College, Amritsar, Dr. Harjit Singh noted film director and Dr. Ravinder from Dyal Singh College University New Delhi. Prof. Inderjit Kaur Bedi was the organizing Secretary of the seminar where more than 40 research papers were presented.

A three-day UGC sponsored Workshop on *Network Security and Management* was organized by the PG Department of Computer Science and IT of the College from 5\_7 February 2011. The purpose of the workshop was to deliberate on challenges faced in Network Security and Management perspectives.

The workshop comprised of eight Technical Sessions in which witnessed participation of about 100 delegates and presentation of 60 papers on various topics like Cryptography, Security Issues in Smart Cards, Cloud Computing, Challenging Issues in E-Commerce, Wireless Sensor Networks, Firewall Security, Ethical Hacking, Home Networking with Zigbee and many more.

Researchers like Dr. L. K. Avasthi, Head Computer Science and Dean Welfare NIT Hamirpur , Dr. Arun Khosla, Head, Dept. of Electronics and Communication, NIT, Hamirpur (HP), Dr. Jaswinder Singh (Head, Department of Computer Science and Engineering, Guru Nanak Dev University, Amritsar), Dr. Kanwaljeet, Director, Computer Department Punjabi University, Dr. Maninder Singh, Head, Department of Computer Science, Thapar University' Patiala and Dr. Sandeep Sood, Head, Department of Computer Science & Engineering Regional Campus, Gurdaspur were among the key speakers in the technical session.

The concluding day of the workshop witnessed opinions and views of Harsh Verma, Head Computer Science and IT of NIT Jalandhar and Dr. Parminder Kaur, Computer Science GNDU in the session chaired by Dr. Jaspal Singh, Joint Registrar, PTU, and Dr. Hardeep Singh, Prof. Computer Science GNDU as the Chief Guest for the session.

*Relationship between Hindi and Other Regional Languages* was the main theme of the third UGC sponsored Seminar organized by Department of Hindi on 11-12 Feb 2011. Writers,

linguists, grammarians, scholars and language teachers from all over the country participated in this two day National Seminar.

The seminar witnessed intellectual discussions on developing relationships between Hindi and regional languages in light of development of electronic and print media, particularly of Information Technology. Sh. Vijay Kumar Chopra (Chief Editor, Hind Samachar Group) was the Chief Guest. The inaugural session was chaired by the noted linguist and former Vice Chancellor Punjabi University Patiala, Dr. Joginder Singh Puar whereas the key note address was delivered by Dr. Harmahender Singh Bedi from GNDU. Dr. Bedi talked about the contribution of Punjabi in richness of Hindi language.

Other significant participants in the seminar were Dr. Dharmpal Maini noted Hindi literary critic, Prof. Rajni Kant Joshi, Chairman Hindi Bhawan Gujrat Vidya Peeth Ahmedabad Dr. Vinod Kumar Sinha from Sitamadi, Bihar, Dr. Hukum Chand Rajpal from Punjabi University Patiala, Dr. Sudha Jatinder, Head Department of Hindi, GNDU Amritsar, Dr. DS Kaushal from Kurukshetra University, Dr. Joga Singh from Punjabi University Patiala, and Dr. Vinod Shahi the veteran literary critic.

The valedictory session was presided over by the Dr Suresh Seth, the famous Hindi writer. The organizing secretary of this seminar, which witnessed presentation of over 50 papers, was Dr. Vinod Kumar of the Department of Hindi.

Another seminar on Language was organized on 25-26 February 2011, this time language teaching being the key theme. Organized by the PG department of English, this seminar on *Teaching of English in India- Problems and Strategies* witnessed divergent opinions and solutions churning out of the discussions between top level linguists, academicians, language teachers and scholars gathered from all over the country to participate in the Seminar.

The Chief Guest of the day was Professor Mool Chand Sharma Vice Chancellor Central University Haryana who expressed his concern over ineffective teaching of English in India.

The noted linguist, Dr. V. Prakasham while chairing the inaugural session, emphasized that the teaching of English should be made more practical and interesting by involving vernacular.

In her address, the President of the College Governing Council Sardarni Balbir Kaur said that the teaching of an international link language like English had become more essential than ever in the modern age of Globalisation.

The significant speakers in the seminar included former Pro Vice Chancellor Bihar University Dr. Mohan Jha, former dean Academic Affairs HP University Shimla Professor KK Bajaj, Dean Languages, Punjab University, Chandigarh Dr. VK Tewari and Professor Sukhdev Singh, Department of English GND University Amritsar.

The organizing secretary of the seminar was Dr. Charanjit Singh of the department. There were around 55 papers presented in the seminar with the presentation of over 120 delegates from India and abroad.

And lastly, a UGC sponsored national level seminar on *Solid Waste Management* was organized, jointly, by the PG Department of Geography and the Department of Environment Studies on 12 March 2011.

**In addition to these, following workshops were also held during the session:**

- The Department of Physiotherapy organized a workshop on *Muscle Energy Technique and Myofascial Release* on 5th and 6th August 2010.
- The PG Department of Computer Science organized a 3-day workshop on *DB2* from 21st August 2010 to 23rd August 2010.

**Following is the list of faculty members who presented research papers in various national level seminars and also got them published:**

### **PG Department of Punjabi**

#### **Dr. Inderjit Kaur Bedi (Head of the Department)**

Presented research paper in the UGC sponsored national level seminar organized by the Department of Hindi, Lyallpur Khalsa College on 11-12 February 2011.

#### **Dr. Iqbal Singh Bhoma**

- Presented a research paper titled *Punjabi Parvasi Sahit Nasli Vitkara* in UGC sponsored national level seminar organized by Baba Budha Sahib College Beed Sahib on 26-27 October 2010.

#### **Dr. Kuldip Kaur Dosanjh**

- Presented a research paper in the UGC sponsored national level Workshop held at Apeejay College of Fine Arts, Jalandhar.

#### **Manjinder Singh Johal**

- Presented research paper in a seminar organized by the *Aad Dharam Mission* at Lions Bhavan, Jalandhar in August 2010.
- Presented a research paper in the UGC sponsored national level seminar '*Impact of Media on Culture, language and Literature: With special reference to Punjabi*' held on 28-29 January 2011.

### **Kuldip Sodhi**

- Presented a research paper titled *Print Media: Sahitik Ate Sabhiachark Sarokar* in the UGC sponsored national level seminar '*Impact of Media on Culture, language and Literature: With special reference to Punjabi*' organized by the department on 28-29 January 2011.

### **Rekha Rani**

- Presented a research paper titled *Jansanchaar wich Media di Bhoomika* in the UGC sponsored national level seminar '*Impact of Media on Culture, language and Literature: With special reference to Punjabi*' organized by the department on 28-29 January 2011.

### **Dr. Sukhdev Singh Nagra**

- Presented a research paper titled *Bhasha Parivartan wich media di bhoomika* in the UGC sponsored national level seminar '*Impact of Media on Culture, language and Literature: With special reference to Punjabi*' organized by the department on 28-29 January 2011.

### **Gurpartap Singh**

- Presented a research paper titled *Media da Sathanak Boliyaan Utte Asar* in the UGC sponsored national level seminar '*Impact of Media on Culture, language and Literature: With special reference to Punjabi*' organized by the department on 28-29 January 2011.

### Post Graduate Department of English.

#### **Balraj Kaur**

- Presented a paper at two day national conference on *Revisiting R. K. Narayan* at D.A.V. College Dasuya on 27, 28 Feb., 2011.

- Presented a research paper titled *Literature: A Tool to English Language Teaching* at a seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011.

### **Hariom Verma**

- Presented a research paper titled *Human Rights and Literature: Fiction of Mulk Raj Anand* at a seminar on *Human Rights* in S. D. College, Ambala on "on 3 Sept. 2010.
- Presented a research paper titled *Language Change Through Internet* at a seminar on *Impact of Media on Language, Literature and Culture* in Lyallpur Khalsa College, Jalandhar on 28-29 January 2011.
- Presented a research paper titled *Impact of Hindi on Punjabi* at a seminar on *Relationship Between Hindi and Regional Languages* in Lyallpur Khalsa College, Jalandhar on 11-12 February 2011.
- Co-presented a research paper titled *Efficacy of Communicative Language Teaching in English* at a seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011.
- Co-presented a research paper titled *Teaching of English in India at UG Level: A Look into the Matter* at a seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011.

### **Ahuja Sandeep**

- Delivered a guest lecture on *Common Errors in English* at DAVIET Jalandhar on 05 April 2010.
- Presented a research paper titled *Feminism and Emergence of New Woman* at a seminar on *Human Rights* in S.D. College, Ambala on 3 Sept. 2010.
- Presented a research paper titled *Relativisation in Hindi, Punjabi and English Language* at a seminar on *Impact of Media on Language, Literature and Culture* in Lyallpur Khalsa College, Jalandhar on 28-29 January 2011.
- Co-presented a research paper titled *Efficacy of Communicative Language Teaching in English* at a seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011.
- Co-presented a research paper titled *Teaching of English in India at UG Level: A Look into the Matter* at a seminar on *Teaching of English in India-Problems and Strategies* in Lyallpur Khalsa College, Jalandhar on 25-26 February 2011.

### **Dr. Kanchan Mehta**

- Participated and presented a paper at the international Conferee on *Enhancing Human Potential* at Punjab University Chandigarh from 15-17 November, 2010.



### **Dr. Charanjit Singh**

- Co-presented a paper *Shadows are Not Always Black: A Study of the Positive Impact of Internet on Language* in UGC sponsored two-day National Seminar on Impact of Media on Language, Literature and Culture held on 28-29 Jan 2011 at Lyallpur Khalsa College, Jalandhar.
- Presented a paper *Language Association: Some Strategies* in UGC sponsored two-day National Seminar on English Language Teaching in India: Problems and Strategies held on 25-26 Feb. 2011 at Lyallpur Khalsa College, Jalandhar
- Co-presented a paper *Facilitation Language Acquisition Through Evaluation* in UGC sponsored two-day National Seminar on English Language Teaching in India: Problems and Strategies held on 25-26 Feb. 2011 at Lyallpur Khalsa College, Jalandhar

### **Manmeet Sodhi**

- Presented a paper '*Popular Culture as a Resource in English Teaching* in UGC sponsored two-day National Seminar on English Language Teaching in India: Problems and Strategies held on 25-26 Feb. 2011 at Lyallpur Khalsa College, Jalandhar
- Article published in the Book *Contemporary Fiction* edited by Dr. Narinder Neb.
- Article published in the "English Journal" under Pragati Publications.
- Text Book of B.Com.-I *Business Communication* under the publication of Kalyani Publisher.

### **Sudip Singh Dhillon**

- Presented a paper in the two day national seminar on *Impact of Media on Language, Literature and Culture with special reference to Punjabi* held on 28th and 29th January, 2011 at Lyallpur Khalsa College, Jalandhar.
- Presented a paper titled *English Language Teaching in India – a Roller Coaster Ride That Has Just Begun* in a two day national seminar on *English Language Teaching in India: Problem and Strategies* on 25 and 26 February 2011.

### **Kajalpreet Kaur**

- Presented a paper *Multicultural and Inclusive Curriculum- Classroom Practices and Teaching Strategies by Non-native Speaker Teachers Who Teach English* in UGC sponsored two-day National Seminar on English Language Teaching in India: Problems and Strategies held on 25-26 Feb. 2011 at Lyallpur Khalsa College, Jalandhar

### **Neha Puri**

- Co-presented a paper titled- *Shadows Are Not Always Black: A Positive Impact of Internet on Language* in UGC sponsored National Seminar of Punjabi on 28-29 January,

2011 in Lyallpur Khalsa College, Jalandhar on *Impact of Media Language, Literature and Culture*.

- Co-presented a paper titled *Facilitating Language Acquisition Through Evaluation* in UGC sponsored National Seminar of English dated: 25-26 February, 2011 in Lyallpur Khalsa College, Jalandhar on *English Teaching in India: Problems and Strategies*.
- Co-presented a paper titled *English-A Problematic Issue among ELT's and ECT's* in UGC sponsored National Seminar of English on 25-26 February 2011, in Lyallpur Khalsa College, Jalandhar on *English Teaching in India: Problems and Strategies*.

### **Mishal**

- Co-presented a paper titled *English-A Problematic Issue among ELT's and ECT's* in UGC sponsored National Seminar of English on 25-26 February 2011, in Lyallpur Khalsa College, Jalandhar on *English Teaching in India: Problems and Strategies*.

### **Ramandeep Singh**

- Presented a paper entitled, *Existing Seminar of Classroom Education* in UGC sponsored National Seminar of English on 25-26 February, 2011 in Lyallpur Khalsa College, Jalandhar on *English Teaching in India: Problems and Strategies*.

## **Department of Hindi**

### **Dr. Vinod Kumar**

#### **Papers Presented**

- Presented a research paper titled-“*Vedic Pryavaran-Sanrakshan*” at U.G.C. Sponsored National Seminar on Vedic Pryavaran-Sanrakshan at S.S.M. College Dina Nagar (28-29 August, 2010).
- Presented a research paper titled-“*Jagrti Ke Nayak Nav Bharat Vidhayak*” at U.G.C. Sponsored National Seminar on Socio-Economic-Religious Idea of Swami Vivkanand (25 September, 2010).
- Presented a research paper titled-“*Hindi Kavita Aur Naari Sashaktikaran*” at U.G.C. Sponsored National Seminar on ‘Aadhunik Hindi Katha-Sahitya Main Naari Sashaktikaran Ke Vividh Aayam’ (26 September, 2010) at K. M. V. College, Jalandhar.
- Presented a research paper titled “*Bhartiya Gantantar Mein Manavdikar: Ek Parshen-Chinah*” at U.G.C. Sponsored National Seminar on Human Rights and

Constitution-An Indian Perspective at S. D. College, Ambala Cantt, (21st October, 2010).

- Presented a paper titled-“*Samkalin Kavita Aur Rajindera Toki*” at U.G.C. Sponsored National Seminar on ‘Samkaleen Hindi Sahitya Mein Punjab Ke Sahitya Ki Bhoomika’, at Kamala Nehru College for Women, Phagwara, (27th October, 2010).
- Presented a research paper titled-“*Manaviye Vawahar Evam Karodh*” at U.G.C. Sponsored National Seminar on Defining Indian Psychology-Probabilities and Challenges at S. D. College Ambala Cantt, (29th October 2010).
- Attended a U.G.C. Sponsored National Seminar on Human Values in Sanskrit Literature at S. D. College for Women, Jalandhar City (30th October 2010) and presented a research paper titled-“*Satya: Sarvopari Manav Mulya*”.
- Attended a U.G.C. Sponsored National Seminar on Human Rights and Women Rights: Indian Perspective at Kamala Nehru College for Women, Phagwara, (20th October 2010) and presented a research paper titled-“*Vayavashtha Ka Charkvieu Aur Manavdhikar*”.
- Attended a U.G.C. Sponsored National Seminar on Vedon Ki Vishwa Ko Den at D. A. V. College, Amritsar (11th January, 2011) and presented a research paper titled-“*Shiksha Udeshya: Purasharth Chatushtya*”
- Attended a U.G.C. Sponsored National Seminar on Hindi Ka Kaljaye Sahitya: Mulya Evam Mulyankan at Khalsa College, Amritsar (21-22 January 2011) and presented a research paper titled-“*Kaljaye Sahitya: Ek Pahachan*”.
- Attended a U.G.C. Sponsored National Seminar on Impact of Media Language, Literature and Culture at Lyallpur Khalsa College, Jalandhar (28-29 January 2011) and presented a research paper on titled “*Upbhoktawadi Sanskriti, Media Aur Manovigyan*”.
- In a U.G.C. Sponsored National Seminar on ‘Varatman Parivesh Mein Hindi Kavita Aur Badalte Sambandhon Ka Yatharth’ at S. S. M. College, Dina Nagar (7th February, 2011), presented a research paper titled- “*Varatman Parivesh Mein Hindi Kavita Aur Badalte Sambandhon Ka Yatharth*”.
- Attended a National Workshop and Seminar on Ved Vedanga at VVRI (PU Chandigarh), Hoshiarpur (18-19 February, 2011) and presented a research paper titled-“*Vedik Chikitsa*”

- Presented a research paper titled ‘*Godan me Bhartiya Sanskruti* in a UGC National Seminar on Husbandry in the Vedas, at GNDU, Amritsar (22 March, 2011).
- Presented a paper titled *The Role of Women in Panchayati Raj System*, (Youth for Sustainable Development Organization, HP) Shimla in a National Seminar on Rural Development: Present Scenario and Future Challenges (26-27 March 2011).
- Presented a research paper titled ‘*Upniveshvadi Sanskriti, Bhumandlikaran Aur Hindi Bhasha*’ in the UGC National Seminar on Hindi Bhasha aur sahitya: nayee chunautiyan, naye kshitij at GNDU, Amritsar (28 March, 2011).

### **Papers Published:**

- *Pauranik Prushathbhoomi Par Aadharit Hindi Naatakon Ke Naye Kshitij*, Vishv Jyoti, Hoshiarpur (July 2010).
- *Sushaashan Tantra Aur Mulya Praroop*, Omega publications, New Delhi 2011.

### PG Department of Commerce and Business Administration

#### **Rashpal Singh Sandhu**

- Presented a paper titled *Reasons and Impact of Global Slowdown in India* in UGC sponsored National Seminar organized by PCMSD College for Women.
- Presented a paper titled *Role of Factor Analysis in Physiotherapy: as an Exploratory Measure* UGC sponsored National Seminar organized by Department of Mathematics and Physiotherapy Lyallpur Khalsa College, Jalandhar.

#### **Ubique Bedi**

- Presented a paper titled *Enhancing Competitiveness through Corporate Governance* in National Seminar on *Changing Scenario of Corporate Governance*, held at Arya College, Ludhiana on 27th August, 2010.
- Presented a paper titled *Impact of FIIs on Indian Stock Market* in National Seminar on *Emerging Scenario of Capital Market in India*, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Global Financial Crisis on Indian Industry* in National Seminar on *Global Slow Down- Challenges & Opportunities for India* held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Email marketing-Challenges and Opportunities* in National Conference on *E-Marketing: Challenges & Opportunities* in Doaba College, Jalandhar on 30-31 August, 2010.

- Presented a paper titled *Corporate Social Responsibility in the Indian Business* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Human Resource Management and Knowledge Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Navdeep Kumar**

- Presented a paper titled *Enhancing Competitiveness through Corporate Governance* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Impact of FIIs on Indian Stock Market* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Global Financial Crisis on Indian Industry* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *Email marketing-Challenges and Opportunities* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Corporate Social Responsibility in the Indian Business* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.
- Presented a paper titled *Human Resource Management and Knowledge Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Papers Published**

- *Imperatives of Organisational Competitiveness in the Competition Regime*, Asia-Pacific Journal of Research in Business Economics and Management, December, 2010.
- *Empowering Women through Education- Issues and Impediments*, Research Journal of Arts, Management & Social Sciences, Special Issue, 2010.
- *Competitiveness of Indian Cooperative Sector in India – Concerns and Strategies* in the Competition Regime, Co-operative Perspective, April- June 2010.
- *Innovation Culture for Sustainable Competitive Advantage*, Asia Pacific Journal of Research in Business Management, Vol. 1, Issue -2, Nov. 2010.
- *Corporate Governance for Enhancing Competitiveness*, Indian Journal of Management, August, 2010.

- *Human Resource Outsourcing in India: Implications and Prospects*, Indian Journal of Research in Commerce and Management Studies, March, 2011.

### **Shubhpreet Kaur**

#### **Paper Presented**

- Presented a paper titled *Role of Merchant Banking Services in New Issue Market* at National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Impact of Global Slowdown on Indian Financial Sector* at National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.

#### **Paper Published**

- Paper titled *Evaluation of Workplace Health, Safety and Welfare promotion A Review of Nestle India Ltd. (A Factor Analysis Approach).*”, published in International Journal of Research in Commerce and Management, Vol. No. 1 (2010), Issue no. 5, September.

### **Parmod Sharma**

- Presented a paper titled *Customer Perceptions of CSR* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Financial Services* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Dr. Patwant Atwal**

- Presented a paper titled *Corporate Governance – A comparative study of Indian companies* in National Seminar on “Changing Scenario of Corporate Governance”, held at Arya College, Ludhiana on 27th August, 2010.
- Presented a paper titled *Comparative study Of Mutual Funds in India* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Rural Marketing Strategies in Global Recession* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Cyber Security Laws in India* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.

## **Raminder Bhatia**

### **Papers Presented**

- Presented a paper titled *Corporate Governance and Capital Market* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Global Challenges and Economic Reforms* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Role of e-marketing in Indian Banking* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *CSR and Business Ethics in National Conference* in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Impact of Globalization on Indian BPO* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Paper Published**

- Paper titled *Evaluation of Workplace Health, Safety and Welfare promotion A Review of Nestle India Ltd. (A Factor Analysis Approach).*”, published in International Journal of Research in Commerce and Management, (September 2010).

## **Baljinder Kaur**

### **Papers Presented**

- Presented a paper titled *Corporate Governance and Capital Market* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Global Challenges and Economic Reforms* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Role of e-marketing in Indian Banking* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *CSR and Business Ethics in National Conference* in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Impact of Globalisation on Indian BPO* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Paper Published**

- Paper titled *Evaluation of Workplace Health, Safety and Welfare promotion A Review of Nestle India Ltd. (A Factor Analysis Approach).*”, published in International Journal of Research in Commerce and Management, Vol. No. 1 (2010), Issue no. 5, September.

### **Rupinder Sampla**

- Presented a paper titled *Enhancing Competitiveness through Corporate Governance* in National Seminar on “Changing Scenario of Corporate Governance”, held at Arya College, Ludhiana on 27th August, 2010.
- Presented a paper titled *Impact of FIIs on Indian Stock Market* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Global Financial Crisis on Indian Industry* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Email marketing-Challenges and Opportunities* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *Corporate Social Responsibility* in the Indian Business in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Human Resource Management and Knowledge Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Harpreet Kaur**

- Presented paper titled *Role of Online Advertisement* in National Conference on E-Marketing: Challenges & Opportunities organized by PG Dept. of Commerce & Business Management, Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *Private Placement and Bought out Deals* in National Conference on Emerging Scenario of Capital Market in India on 25-26th September, 2010 organised by P.G. Department. Of Business Administration, KMV College, Jalandhar.
- Presented a paper titled *Customer Perceptions Regarding CSR in Corporate Social Responsibility transforming business to corporate citizenship* organized by Hindu Kanya College, Kapurthala on 5th n 6th Feb., 2011.

### **Mamta Sharma**



- Presented a paper titled *Corporate Governance – A comparative study of Indian companies* in National Seminar on “Changing Scenario of Corporate Governance”, held at Arya College, Ludhiana on 27th August, 2010.
- Presented a paper titled *Comparative study of Mutual Funds in India* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Rural Marketing Strategies in Global Recession* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Cyber Security Laws in India* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.

### **Minie Bhalla**

#### **Papers Presented**

- Presented a paper titled *Reforms in Insurance Sector* at Trinity College in one day Seminar sponsored by ICSSR on “Second Generation Economic Reforms”.

### **Gurpreet Singh**

#### **Papers Presented**

- Presented a Paper titled *Global Financial Crisis in India* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011
- Presented a paper titled *E-mail marketing-Issues and Opportunities* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *HRM in Indian Banking Sector* in National Conference on Banking Vision-2020 in DAV College, Malout, on 7th-8th Feb. 2011.

### **Mansi Chopra**

- Presented a paper titled *Corporate Governance in Indian Banking Sector* in National Seminar on “Changing Scenario of Corporate Governance”, held at Arya College, Ludhiana on 27th August, 2010.
- Presented a Paper titled *Global Recession* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.

- Presented a paper titled *Corporate Governance and Capital Markets* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.

### **Manish Goel**

- Presented a paper titled *Role of Merchant Banking Services* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a paper titled *India as Knowledge Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Pooja Julka**

- Presented a Paper titled *Global Recession* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.

### **Komaljeet Kaur**

- Presented a paper titled *Mutual Fund-Performance and Prospects* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a Paper titled *Long Global Slowdown* in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.
- Presented a paper titled *Online Advertisement* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *CSR and Corporate Governance* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Financial Service sector* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

### **Jyoti Sharma**

- Presented a paper titled *Online Advertisement* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.

- Presented a paper titled *Customer perception of CSR* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.
- Presented a paper titled *Private Placement and Bought Out Deals* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010..

#### **Preeti Sehgal**

- Presented a paper titled *Online Stock Trading* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.

#### **Amandeep Kaur**

- Presented a paper titled *India as Knowledge Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

#### **Manyata Mehra**

- Presented a Paper titled *Global Financial Crisis in India* in National Seminar on “Global Slow Down-Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011
- Presented a paper titled *E-mail marketing- Issues and Opportunities* in National Conference on “E-Marketing: Challenges & Opportunities” in Doaba College, Jalandhar on 30-31 August, 2010.
- Presented a paper titled *HRM in Indian Banking Sector* in National Conference on Banking Vision-2020 in DAV College, Malout, on 7th-8th Feb. 2011.

#### **Harwinder Kaur**

- Presented a paper titled *Indian Higher Education- Reforms and Challenges* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

#### **Udaybir Singh**

- Presented a paper titled *Mutual Fund-Performance and Prospects* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a paper titled *Financial Services* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.

- Presented a paper titled *CSR and Corporate Governance* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.

#### **Buneet**

- Presented a paper titled *Indian Emerging Service Economy* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.
- Presented a paper titled *Online Stock Trading* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.

#### **Ruchi Gulati**

- Presented a paper titled *Mutual Fund-Performance and Prospects* in National Seminar on “Emerging Scenario of Capital Market in India”, held at Kanya Maha Vidyalaya, Jalandhar on Sept 25-26, 2010.
- Presented a paper titled *Financial Services* in National Conference in Guru Nanak National College, Doraha on Indian Emerging Service Economy: Issues and Challenges, on 18-19 February, 2011.
- Presented a paper titled *CSR and Corporate Governance* in National Conference in Hindu Kanya College, Kapurthala on Corporate Social Responsibilities, on 5-6 February, 2011.

#### **Sonia Kundra**

- Presented a Paper titled *Reasons and Impact of Global Slowdown* in India in National Seminar on “Global Slow Down- Challenges & Opportunities for India” held at S.D. College for Women, Jalandhar on 29th January 2011.

### PG Department of Computer Science & IT

#### **Manohar Singh, Head of the Department**

- Presented paper on “Internet Spoofing Attacks (Phishing and Pharming)” in International Conference on Communication and Computing Technologies held at Apeejay College, Jalandhar on 25-26, February 2011 and published in Apeejay Journal of Computer Science and Application. ISSN : 0974-5742
- Presented papers on “DAB” and “Mobile Security” in the UGC Sponsored National Conference on “Emerging Mobile Technology” held at Hindu College Amritsar on 13th November 2010.

- Presented papers on “Communication Technology of Future-Zigbee” and “Network Security Risk Assessment by Fuzzy valuation Method” in the UGC Sponsored National Conference on “Emerging Trends in Computing and Information Technology” held at GGS Khalsa College Sarhali.
- Presented paper on ” Role of Statistics in the Emerging field of Computers Science” in National Seminar on ”Role of Statistics and Mathematics in Physiotherapy” held at Lyallpur Khalsa College Jalandhar on 25-27 November, 2010.

#### **Rachit Garg**

- Presented paper on *Realisation of Health Computer Use And Computer Ergonomics* in National Seminar on “Role of Statistics in Physiotherapy” held at Lyallpur Khalsa College Jalandhar on 25-27 November, 2010.

#### **Sandeep Bassi**

- Presented paper on *Heralding M-Commerce in India* in the UGC Sponsored National Conference on “Emerging Trends in Computing and Information Technology” held at GGS Khalsa College Sarhali.

#### **Baldev Singh**

- Presented paper titled *Mining Population Characteristics in Context of Community Health* in International Conference on” Technology & Information System” held at D.A.V. College, Amritsar on 20-21 November 2010, (ISSN : 0974-2255) .
- Presented paper titled *Vulnerability and Security in Cloud Computing* in International Conference on “Advance Computing & Communication Technology” held at Rohtak 21-23 January 2011.
- Presented paper titled *Impact of Digital Technology Towards Health Care* in National Seminar on “Role of Statistics in Physiotherapy” held at Lyallpur Khalsa College Jalandhar on 25-27 November, 2010.

#### **Sandeep Singh**

- Presented paper on “DAB” in the UGC Sponsored National Conference on “Emerging Mobile Technology” held at Hindu College on 13th November 2010.
- Presented paper on “Communication Technology of Future-Zigbee” in the UGC Sponsored National Conference on “Emerging Trends in Computing and Information Technology” held at GGS Khalsa College Sarhali.

## **Gagandeep Singh**

- Presented paper on “Internet Spoofing Attacks: Phishing and Pharming” in International Conference on Communication and Computing Technologies held at Apeejay College, Jalandhar on 25-26, February 2011 and published in Apeejay Journal of Computer Science and Application.(ISSN : 0974-5742).
- Presented Papers on “Network Security Risk Assessment by Fuzzy valuation Method” and ““Network Security Mechanism Based on IPV6/9” in the UGC Sponsored National Conference on “Emerging Trends in Computing and Information Technology” held at GGS Khalsa College Sarhali.
- Presented paper on ”Role of Statistics in the Emerging field of Computers Science” in National Seminar on ”Role of Statistics and Mathematics in Physiotherapy” held at Lyallpur Khalsa College Jalandhar on 25-27 November,2010

Faculty Members of Department of Computer Science and IT also presented papers in the UGC Sponsored National workshop on Network Security and Management held in the College on 5-7th Feb. 2011. The list includes Prof. Manohar Singh, Prof Sanjeev Anand, Prof Rachit Garg, Prof Sandeep Bassi, Prof K.P.S Randhawa, Prof Baldev Singh, Prof Satinder Singh, Prof Mandeep Singh Bhatia , Prof Sandeep Singh, Prof Manpreet Singh , Prof Gagandeep Singh, Prof Ratnakar Maan, Prof Daljit Kaur , Prof Sukhpuneet Kaur ,Prof Shilpi , Prof Akishata Saxena , Prof Kritika , Prof Kiran Anand , Prof Heena Arora , Prof Amit Kaur Anand , Prof Jasvir Kaur, Prof Sandeep Kaur , Prof Taranpreet Kaur , Prof Sonu Gupta, Prof Maheshwari , Prof Anju , Prof Anupriya , Prof Amandeep Kaur .

## Post Graduate Department of Chemistry

### **.Dr. Navjot Kaur**

- Presented a paper in International Conference on Environmental Challenges: A global concerns on October 15-16, 2010 at K.M.V. Jalandhar.

### **Nitika Monga**

- Present poster in National level seminar on Solid Waste Management on 12 March, 2011.

### **Harvinder Kaur**

- Present poster in National level seminar on Solid Waste management on 12 March, 2011.

## Post Graduate Department of Biotechnology

### **Dr. Arun Dev Sharma (HOD Biotechnology)**

- Presented paper in a Plant Science conference *Interdrought-III* held at Shanghai, China, 10-18 Oct-2010.

### Post Graduate Department of Physics

#### **Dr. Narveer Singh**

- Published his research paper *Investigation of Structural Properties of Lead-Strontium Borate Glasses for Gamma-Ray Shielding Applications* in the Journal of Physics and Chemistry of Solids.

### Post Graduate Department of Mathematics

#### **Dr. G.S. Samra**

##### **Publication of papers**

- G.S. Samra, *The Study of Fluid Flow Problems*, NSRSP LKCJ UGC New Delhi Proceeding (2010) (71-76).
- G.S. Samra, *Hypothesis testing in Research*, NSRSP LKCJ UGC New Delhi Proceeding (2010) (124-128).
- G.S. Samra, *Derivation of Principal jump condition for the immersed interface method*, NSRSP LKCJ UGC New Delhi Proceeding (2010) (175-189).
- G.S. Samra, *Mathematical Mechanism in Economics Thrust*, ALMANAC-2011, (75-78).
- G.S. Samra, *Information technology; An Innovative Dawn in Indian banking Sector*, NWNSAM LKCJ UGC New Delhi Proceeding (2011) (57-61).
- G.S. Samra, *Statistics and Women Rights*, Proceedings of the National Seminar on *Human Rights And Women Rights* on November 20, 2010 Kamala Nehru College for women Phagwara, Kapurthala Punjab.
- G.S. Samra, *Impact Of Mathematics Components In Economics*, Proceedings of the National Seminar on *Development Perspective- Focus on Sustainable and Inclusive Growth* on October 23, 2010 HMV College Jalandhar, Punjab.

#### **Harjit Singh**

##### **Paper Presented**

- Presented a research paper entitled *Free vibration analysis of transversely isotropic thermo elastic solid cylinder* in the ISTAM-2010 (An International Meet).
- Presented a research paper entitled *Frequency shift of vibrations in transversely isotropic thermo elastic solid cylinder* in the UGC-sponsored National Meet.
- Presented a research paper entitled *Application of Statistics tools in Physiotherapy* in the UGC-sponsored National Meet.

## **Paper Published**

- *Free Vibration Analysis of Transversely Isotropic Thermo Elastic Solid Cylinder* in the proceeding ISTAM-2010 (An International Meet)
- *Frequency shift of vibrations in transversely isotropic thermo elastic solid cylinder* proceeding in the UGC-sponsored National Meet.
- *Application of Statistics tools in Physiotherapy* NSRSP,LKC,Jalandhar, UGC New Delhi Proceeding (2010)

## The School of Life Sciences

### **Amanjot Kaur**

- Presented paper in National Conference on *Role of teacher in National Integration and Communal Harmony* at Punjabi University, Patiala on November 29-30, 2010.
- Co-presented along with Rajdeep Singh Dhailwal a poster in International Conference on *Environment Challenges: - a Global Concern ICEC-10* at KMV Jalandhar on October 15-16, 2010.

## Post Graduate Department of Political Science

### **Manpreet Kaur**

- Presented a paper on *Gandhism vs Marxism* in a seminar at DAV College for Girls, Batala on 26.02.2011.

### **Prabh Dyal**

- Presented a paper titled *Human Rights in Indian Constitution: A Theoretical Aspect* in National Seminar on *Human Rights* at Sanatam Dharm College (Lahore) Ambala Cantt on 21 October, 2010.
- Presented a paper titled *Indo-Pak Relations: Kashmir Issue* in National Seminar on *Indo-Pak Relations* at B.D.Arya Girls College, Jalandhar Cantt on 30th October, 2010.
- Presented a paper titled *Women Rights in Indian Constitution* in a seminar on *Human Rights* at Kamla Nehru College for Women, Phagwara on Nov. 2010.
- Presented, as a resource person, a paper titled *Dr. BR Ambedkar and Hindu Code Bill* at a seminar on *Relevance of Thoughts of Dr BR Ambedkar in the New Millennium* organized by Ambedkar Study Centre at Shanti Devi Arya Mahilla College, Dina Nagar.
- Presented a paper titled *UN Declaration of Human Rights and Economic Rights in India* at a seminar on *Violation of Human Rights in Punjab: a Case of Peasants ' Suicide* at Guru Nanak College Doraha on 22 Jan. 2011.
- Presented a paper titled *Lala Lajpat Rai: A Social Reformer* in a seminar on *Lala Lajpat Rai* at Hindu College Amritsar on Feb. 2011.



- Presented a paper titled *Philosophy and Ideology of Mahatma Gandhi* in a Seminar on Mahatma Gandhi: a social reformer at R. R. Bawa, D.A.V. College Girls Batala (Gurdaspur) on 26th Feb., 2011.
- Presented a paper titled *Declaration of Human rights and religious rights in India* at UGC sponsored national level seminar 'Human rights in India; Implementation and violation' at Khalsa College, Garhdiwala, Hoshiarpur on 8th March 2011.
- Presented a paper titled *Women and Declaration of Human Rights* at the ICSSR sponsored national level seminar 'Voilation of Human Rights of migratory labour in Panjab' at Guru Nanak National College, Doraha from 12-13 March 2011.
- Presented a paper titled *Indo-US Nuclear Deal; An assessment* at Prem Chand Markanda S.D. College for women Jalandhar in a UGC sponsored national level seminar 'Indo-US Nuclear Deal' on 15 March 2011.

#### Post Graduate Department of Economics

##### **Dr. Simranjeet Singh Bains**

- Presented as resource person, a research paper, titled '**Global Food Crisis And Indian Economy**' at UGC sponsored National Seminar on '*Global Food Crisis And Indian Economy*' at Guru Nanak Khalsa College for Women, Ludhiana on 21st August, 2010.

#### Post Graduate Department of Geography

##### **Pooja Rana**

- Presented a paper *Impact of Climate Change on Agriculture* at a conference held at Mata Gujri College, Fathegarh Sahib.
- Presented a paper titled, *Global Warming and Bio-diversity Conservation* State Level Conference held at Dasuya, Hoshiarpur.

#### Department of Environmental Studies

##### **Dr. Jaswinder Kaur**

- Presented a research paper in the UGC sponsored National Seminar on *Impact of Media on Language, Literature and Culture* held at Lyallpur Khalsa College, Jalandhar w.e.f. 28-29 January 2011.

#### Department of Physiotherapy

##### **Dr. Raju Sharma, Head of Department**

- Presented paper titled *Cerebral Palsy: Physiotherapy Intervention, Need and Reality* held on 22nd -23rd January 2010 at Punjabi University, Patiala.

**Dr. Kiranjeet Kaur (MPT, MIAP) (Pediatrics)**

- Presented a paper titled *Effect of Myofascial Release Therapy on Gross Motor Function and Spasticity in Children with Spastic Cerebral Palsy* in national seminar on *Role of Statistics In Physiotherapy* at Lyallpur Khalsa College, Jalandhar. The abstract was published in proceedings of the seminar.
- Presented paper titled *Obstetrics Physiotherapy: Need and Reality* in national seminar on *Role of Physiotherapy in Health Care: Need and Reality* held at Punjabi University, Patiala.

**Dr. Jagdeep Kaur (MPT, MIAP) (Orthopedics)**

- Presented a paper titled *Effect of Plyometrics on Sprint Velocity In Sprinters* in a National seminar on *Role Of Statistics In Physiotherapy* at Lyallpur Khalsa College, Jalandhar. The abstract was published in proceedings of the seminar.
- Presented paper on *Breast Cancer- Surgical Intervention & Physiotherapy* in a National seminar

**Dr. Rajesh Gautum (MPT orthopedics)**

- Presented a paper on *Comparison of Maitland and Mulligan In Improving Rom And Disability* in National seminar on *Role Of Physiotherapy In Statistics* at Lyallpur Khalsa College, Jalandhar. The abstract was published in proceedings of the seminar.
- Presented paper titled *Low Back Pain: Myths & Treatment*, in a national seminar on *Role of Physiotherapy in Health Care: Need & Reality* at Punjabi University, Patiala.

**Dr. Banita (BPT, Clinical Therapist)**

- Presented a paper *Cervical Spine Disability Level In Computer Professionals Having Neck Pain* in National seminar on *Role Of Statistics In Physiotherapy* at Lyallpur Khalsa College, Jalandhar. The abstract was published in proceedings of the seminar.

**Dr. Amandeep (BPT, Clinical Therapist)**

- Presented a paper *Clinical Spectrum of Stroke- An Epidemiological Survey* in National seminar on *Role Of Statistics In Physiotherapy* at Lyallpur Khalsa College, Jalandhar. The abstract was published in proceedings of the seminar.
- Presented paper *Imaging Techniques & Painful Spinal Disorders* in a national seminar on *Role of Physiotherapy in Health Care: Need & Reality* at Punjabi University, Patiala.

Department of Physical Education and Sports

**Dr. Jaspal Singh**

**Papers Presented**

- Acted as a chair person in National Seminar on *Physical Education, Sports Science and Yogic Science* on 21st and 22nd Feb, 2011 at L.L.R. Govt. College Dudeke (Moga).
- Presented a research paper and acted as a Co-chairperson in National Conference on *Global Trends in Physical Education and Sports* held at Bhagoo-Majra (Mohali) on 25th and 26th January 2011.
- Acted as a resource person in National Conference on *Physical Education as a Profession* held at Arya College. Ludhiana on 11th & 12th Feb. 2011.
- Presented a research paper titled *A Study of Selected Psychological Variables between Professional and Non-Professional Footballers of Punjab* in *International Conference on Physical Education and Sports Sciences* held at S. V. Cacculo College of Commerce and Managements, Mapusa (Goa) from 25th to 27th Feb. 2011. The paper was adjudged the Best Paper of the Conference and Selected for National referred Journal.

### **Papers Published**

- Published a research paper on, *Empowering the Sports Excellence at University Level* in *University News: a Weekly Journal of Higher Education* (Association of Indian University) Vol 48(5) 2010. *Special issue, Sports: Serving Society with Excellence.*
- Published a research paper on, *Self-Acceptance and Locus of Control Among University Level Baseball Players* in National level referred Journal of Health and Fitness, vol. 2(1) 2010.

## **6. Research Projects**

Following are the research projects overtaken by the faculty members:

### **Major Research Project**

- Dr. Arun Dev Sharma (Head, Department of Biotechnology) has been assigned Major Research Project *Drought induced changes in boiling stable proteins in wheat* by the UGC.

### **Minor Research Projects Completed**

- Mr. Navdeep Kumar, Department of Commerce completed his minor research project on *Impact of India's New Competition Policy in Escalating the Competitiveness of the Indian Industry.*

### **Minor Research Projects Awarded**

- Dr. Navjot Kaur, Department of Chemistry has been sanctioned financial assistance from UGC for Minor Research Project Inreaction of genieri surafatent with cament surface worth Rs. 1.34 lac.
- Dr. Gurpreet Singh, Department of Biotechnology has been sanctioned financial assistance from UGC for Minor Research Project *Effect of biotic sterns on antioxidant enzymes* worth Rs. 1.3 lac.

#### **Minor Research Projects applied for**

- Dr. SS Bains of Department of Economics sent proposal to the UGC for a minor research project *A comparative study of crime and Public Expenditure on Police Services in different states of India (2000-2010)*.
- Mr. Hariom Verma, Department of English, sent proposal to the UGC for a minor research project on *Language of the E-mails, SMS and IMs: A Synchronic Stylistic Analysis*.

#### **10. Patents Generated if any: NIL**

#### **11. New collaborative research programmes: NIL**

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

- Dr. Navjot Kaur, Department of Chemistry has been granted financial assistance of Rs. 1.34 lac from UGC for Minor Research Project.
- Dr. Gurpreet Singh, Department of Biotechnology has been granted financial assistance of Rs. 1.30 lac from UGC for Minor Research Project.
- Dr. GS Samra, PG Department. Of Mathematics, received 100% financial assistance of UGC (letter no.F.6- 205/2010 (TG) dated 25.06.2010) to present research paper at the University of Texas–Pan American on May 17-21, 2010, Edinburg, Texas, US.
- Dr. GS Samra, PG Department. of Mathematics, received a Grant of Rs.1,30,000/- (letter no.F.7-1(181)2010(Sem/NRCB) to organize Conference entitled Role of Statistics in Physiotherapy (Department of Mathematics) being Principal Investigator

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

As many as 13 faculty members are pursuing their Ph.d. at various universities. The detail is as follows:

1. Harbans Singh Bolina, Department of Punjabi, enrolled for P.h.D at Punjabi University Patiala.
  2. Rashpal Singh, Department of Commerce, registered for Ph.d. at Guru Nanak Dev University, Amritsar.
  3. Balraj Kaur, Department of English, registered for Ph.d. at HP University Shimla.
  4. Harjit Singh, Department of Mathematics, registered for Ph.d. at NIT Hamirpur.
  5. Minie Bhalla, Department of Commerce, enrolled for Ph.d. at PTU, Kapurthala.
  6. Gurpreet Singh, Department of Commerce, enrolled for Ph.d. at PTU, Kapurthala.
  7. Baljinder Kaur, Department of Commerce, enrolled for Ph.d. at PTU, Kapurthala.
  8. Raminder Bhatia, Department of Commerce, enrolled for Ph.d. at Punjabi University, Patiala.
  9. Sarbjit Kaur, Department of Economics, enrolled for Ph.d. at Guru Nanak Dev University, Amritsar.
  10. Tejinder Dhillon, Department of Economics, enrolled for Ph.d. at Guru Nanak Dev University, Amritsar.
  11. Chanchal Bedi, Department of Physics, submitted her pre Ph.d. summary at Guru Nanak Dev University, Amritsar.
  12. Ubique Bedi, Department of Commerce and Business Administration has enrolled for Ph.D. in G.N.D.U. Amritsar.
  13. Manmeet Sodhi, Department of English, enrolled for Ph.d. at Punjab University, Chandigarh.
- **Shubhpreet Kaur submitted her Ph.D. thesis at Guru Nanak Dev University, Amritsar.**

#### 14. Citation index of Faculty Members

##### **Arun Dev Sharma (Department of Biotechnology)**

<p>Sharma Arun Dev, Singh P. 2003. Effect of water stress on expression of a 20-kDa cyclophilin protein in drought susceptible and tolerant cultivars of sorghum. <i>Journal of Plant Biochemistry and Biotechnology</i> 12:77-80,</p>	<ul style="list-style-type: none"> <li>▪ <u>Seed Science and Technology</u>, 38, 2010 , pp. 88-95(8),</li> </ul>
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<p>Sharma Arun Dev, Gill PK, Singh P. 2003. RNA Isolation from Plant Tissues Rich in Polysaccharides. <i>Analytical Biochemistry</i> 314:319-321,</p>	<ul style="list-style-type: none"> <li>▪ <b>Biotech and Biological equipment, 2010,24,1569-1572</b></li> <li>▪ <b>Mol biotechniogy, 2010, 10.1007/s12033-010-9322-1</b></li> <li>▪ <b>Functional &amp; Integrative Genomics DOI: 10.1007/s10142-010-0187-y</b></li> </ul>
<p>Sharma Arun Dev, Gill PK, Singh P. 2002. DNA Isolation From Dry and Fresh Samples of Polysaccharide-Rich Plants. <i>Plant Molecular Biology Reporter</i> 20: 415a-415f.</p>	<ul style="list-style-type: none"> <li>▪ <b>Electronic J of Biotechnology, 2007,10 Jul (on-line).</b></li> <li>▪ <b>J of Exp Biology, 2010, 31,465-70</b></li> <li>▪ <b>J Plant Biochm and Biotechnology, 2011,20,20-28</b></li> <li>▪ <b>Journal of Agricultural Technology 2010 Vol. 6(3): 559-571</b></li> <li>▪ <b>J of Plant Research, 2011, 124,311-314</b></li> <li>▪ <b>Journal of Environmental Biology,2010,31,661-666.</b></li> <li>▪ <b>Italian Journal of Agronomy, DOI: 10.4081/ija.2011.e11</b></li> <li>▪ <b>J of Virological methods, 169, 1, October 2010, 138-142.</b></li> <li>▪ <b>Asian J of Biotechnology, 2011,3,84-90</b></li> <li>▪ <b>Virology, 2010,7,337</b></li> </ul>
<p>Gill PK, Sharma Arun Dev, Harchand RK, Singh P. 2003. Effect of media supplements and culture conditions on inulinase production by an actinomycete strain. <i>Bioresouce Technology</i> 87:359-362</p>	<ul style="list-style-type: none"> <li>▪ <b>Industrial Eng Chem Research, 2010,49,3120-3125</b></li> <li>▪ <b>Brazilian Archives of Biology and Technol, 2010,153,701-707</b></li> <li>▪ <b>Food Technology Biotechnology, 48, 435-450, 2010</b></li> </ul>
<p>Gill, P.K., Sharma, A.D., Singh, P. and Bhullar,S.S. 2003. Changes in germination, growth and soluble sugar contents of <i>Sorghum bicolor</i> (L.) Moench seeds under various abiotic stresses. <i>Plant Growth Regulation</i> 40:157-162</p>	<ul style="list-style-type: none"> <li>▪ <b>Plant Growth Regulation, 2010,60,91-97</b></li> <li>▪ <b>African J of Agric Res, 2010,5,416-423</b></li> <li>▪ <b>Acta Biologica Cracoviensia Series Botanica 52/1: 7–12, 2010</b></li> <li>▪ <b>Advances in Environmental Biology, 5(1): 94-97, 2011</b></li> </ul>
<p>Sharma Arun Dev, Thakur M, Rana M, Singh K. 2004. Effect of plant growth hormones and abiotic stresses on germination, growth and phosphatase activities in <i>Sorghum bicolor</i> (L.) Moench seeds. <i>African Journal of Biotechnology</i> 3, 308-312.</p>	<ul style="list-style-type: none"> <li>▪ <b>Trakia Journal of Sciences, Vol. 9, No 1, pp 43-50, 2011</b></li> <li>▪ <b>PLANT SOIL ENVIRON., 56, 2010 (6): 263–267</b></li> </ul>
<p>Sharma Arun Dev, Kainth S, Gill PK. 2006. Inulinase production using garlic (<i>Allium sativum</i>) powder as a potential substrate in <i>Streptomyces</i> sp. <i>Journal of Food Engineering</i>, 77, 486-491.</p>	<ul style="list-style-type: none"> <li>▪ <b>Biotechnology Research International, 2011; 2011: 708043.</b></li> </ul>
<p>Gill PK, Sharma Arun Dev, Singh P, Bhullar SS. 2001. Effect of various abiotic stresses on growth, soluble sugars and water relations of sorghum seedlings grown in light and darkness. <i>Bulgarian Journal of</i></p>	<ul style="list-style-type: none"> <li>▪ <b>Acta Physiologiae Plantarum,2010,32,551-563</b></li> <li>▪ <b>Journal of Environmental Biology, September 2010,</b></li> </ul>

<i>Plant Physiology</i> 27: 72-84.	<p>31(5) 721-726 (2010)</p> <ul style="list-style-type: none"> <li>▪ Botany, 2010,88,512-521</li> <li>▪ <b>Seed Science and Technology, 2011, 39,389-401</b></li> </ul>
<p><b>Sharma Arun Dev, Singh N and Kang JK. 2005. Short-term waterlogging-induced changes in phosphatase activities in shoots and roots of sorghum seedlings: role of phosphatases during waterlogging in relationship with phosphorus. <i>General and Applied Plant Physiology</i>, 31,71-79.</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Journal of Phytophthalogy, 2010,158,154-159</b></li> </ul>
<p><b>Sharma Arun Dev, Gill PK. 2007. Purification and characterization of heat stable inulinase from Streptomyces sp. <i>Journal of Food Engineering</i> 79, 1172-1178.</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Enzyme Research Volume 2010 (2010), Article ID 862537, 19</b></li> <li>▪ <b><u>Journal of Molecular Catalysis B: Enzymatic</u> Volume 62, Issues 3-4, 2010, 257-264 .</b></li> <li>▪ <b>Brazilian Journal of Microbiology, 42,633-649</b></li> </ul>
<p><b>Sharma Arun Dev, Singh J, Gill PK. 2007. Ethanol mediated enhancement in bacterial transformation. <i>Electronic Journal of Biotechnology</i>, 15 Jan Issue (electronic).</b></p>	<ul style="list-style-type: none"> <li>▪ <b><u>Applied Microbiology and Biotechnology</u>,2010,85,13010-1313</b></li> </ul>
<p><b>Sharma Arun Dev, Singh P. 2003. Comparative studies on drought-induced changes in peptidyl prolyl <i>cis-trans</i> isomerase activity in the drought tolerant and susceptible cultivars of <i>Sorghum bicolor</i>. <i>Current Science</i> 84: 911-918.</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Plant Cell and Environment, 2010,33,1324-1338.</b></li> </ul>
<p><b>Thakur M and Sharma Arun Dev. 2005. Salt Stress and Phytohormone (ABA)-induced changes in germination, sugars and enzymes of carbohydrate metabolism in <i>Sorghum bicolor</i> (L.) moench seeds. <i>Journal of Agriculture and Social Sciences</i>, 1, 89-93.</b></p>	<ul style="list-style-type: none"> <li>▪ <b>World Applied Sciences Journal 10 (1): 93-99, 2010</b></li> </ul>

## 15. Honours / Awards to the Faculty

- Four of the faculty members were awarded doctorate degree for having done research in significant areas. The detail is as follows:

**Dr. Charanjit Singh (Department of English)**

*Grammaticalisation of Interpersonal Meanings in the Indian and British Newspapers in English: A Systemic Functional Analysis of Selected News-reports and Editorials*: Guru Nanak Dev University, Amritsar.

**Dr. Sukhbir Singh (Department of Punjabi)**

*Jaap Sahib Ate Akaal Ustat Da Rachnatmak Vivek Ate Sanchaar Jugtaan: Ikk Adhiyain* ; Punjabi University Patiala.

**Dr. Harjit Singh (Department of Political Science)**

*Sikh Ethno-National Upsurge and State Response (1978-1992)* : Guru Nanak Dev University, Amritsar.

**Dr. Sukhdev Singh Nagra (Department of Punjabi)**

*Atharvee Sadee de Punjabi Soofi ate Kissa-Kaav di Shabad Bantar*: Guru Nanak Dev University, Amritsar.

**Other awards and honours received by the faculty:**

**Sarabjit Kaur (Department of Economics)**

- Awarded with M.Phil in Economics

**Dr. G.S. Samra (PG Department of Mathematics)**

- Invited to attend Sixth International Conference on Dynamic Systems and Applications held during May, 25-28, in Atlanta, Georgia, USA and gave his invited research presentation. This visit was sponsored by the Ministry of HRD, Govt. of India.
- Invited under the sponsorship of Shastri Indo-Canadian Institute to present his research paper on the *Role of Statistics in the Budding Fields in Work Station Discipline* at the conference of the Forum for Interdisciplinary Mathematics – Interdisciplinary Mathematical and Statistical Techniques on July 1-4, 2011 at Concordia University, Montreal, Quebec, Canada.

## **16. Internal Resources Generated**

The IQAC advises the college to effectively generate its internal resources. Apart from the traditional courses, the college runs professional courses such as BCA, BSc IT, MCA, MSc. IT, MSc. Comp. Science, MSc. NPD, BSc. Biotech Professional and BSc. Vocational, B.Com Professional, BPT which are self-financing.



Many coaching classes such as those for UGC- NET, for PMT and CET, for various competitive exams like PCS, CDS, NDA, and classes in spoken English are also run by the college and they add to the revenue of the college.

There are departmental clubs, associations and societies for PG and UG students, constituted in and by the departments of the college. These bodies enroll the department students as their members and the membership charged from the students is only Rs. 100/-each and the revenue generated is once again spent on the student welfare and activities that lead to development of the students.

Like the previous year, the Business Club and Commerce Association of the department of Commerce organized, this year too, an inter-college function 'Synergy' and interdepartmental function, 'Galaxy' with the sponsorship of a number of reputed business concerns of the city.

### **17. Details of departments Getting SAP, COSOST / DST, FIST etc. Assistance / Recognition**

The department of Biotechnology received a central DST-FIST grant of Rs.35 lac from Dept of Biotechnology, New Delhi on the basis of having best faculty, best labs and Modern state of the art infrastructure. The objective of the grant is to provide up dated practical knowledge in the area of biotechnology to the students through research projects.

### **18. Community Services**

The IQAC believes in involving students in community services. Inspired by it, the NSS wing of the college has been striving to instill the spirit of co-operation and selfless work among the students. Following are the highlights of such activities:

- Tree plantation programme in the college campus was organized to mark the national 'Van-Mahotsav' day.
- Six NSS volunteers of the college participated in the National Summer Camp organized by the Youth Services Department of the Central Govt., held at Hatkoti, Shimla
- During the month of November, a special lecture was delivered by Dr. Jaswinder Singh Bilga on importance of trees in the environment.
- General awareness lectures on Breast Cancer were delivered on the occasion of International Womens Day.

### **19. Teachers and Officers Newly Recruited**

In order to ensure an effective teaching process, quality teachers were recommended to be appointed by the IQAC. A total of 139 teachers were recruited on temporary basis for this session.

## 20. Teaching – Non teaching Staff Ratio

Total no. of teaching staff members: 224

Total no. of non teaching staff members: 175

Teaching Non-Teaching staff Ratio: 4:3

## 21. Improvements in Library Services

The fully computerized Internet equipped Central Library of the College has a collection of over 90,000 books and more than 994 CDs as study material. It subscribes to 46 Journals, 70 magazines and 20 daily newspapers. It also provides Online searching facility with Campus Analyzer Software. Through DELNET, it is connected to 2094 Libraries (2073 Regional and 21 overseas) and offers access to millions of Library records for References and borrowing purposes. E-Journals, E-Books and Bibliographic databases are available through N-LIST Programme to the faculty members under the project funded by the ministry of Human Resources Management. These resources include more than 2100 e-journals, 51,000 e-books and a bibliographic database called MathSciNet containing more than two million reviews of research articles in mathematics.

The Library provides Open Access facility with Bar-Coding and reprographics services to its users. Book exhibitions are held from time to time. There are some other special features of the library such as the *Archives* and *Rare Books Section* containing some rare books in Urdu language.

### The highlights of library activities during 2010-11 are:

1. 1172 Books were purchased and 10 Journals were subscribed.
2. E-Resources facility was introduced in the library through N-LIST Programme under the project funded by the ministry of Human Resources Management.
3. A Books Exhibition was held in the College campus on 17 February 2011.
4. An article titled *RFID Technology in Libraries*, written by the Librarian Mr. Anil Kumar was published in a national journal *Information Studies*.

## 22. New Books / Journals subscribed and their value

Total of new books subscribed this session: 1172

Total Amount (Rs.): 5, 04,521

S.NO.	TITLE	SUBJECT	PERIODICITY	AMOUNT (RS.)
1	ADVANCED BIOTECH	BIOTECH	MONTHLY	1200
2	INDIAN JOURNAL OF BIO-TECHNOLOGY	BIOTECH	QUARTERLY	1200
3	INDIAN JOURNAL OF ENGINEERING & MATERIAL SCIENCE	PHYSICS	BI-MONTHLY	1600
4	INDIAN JOURNAL OF MATHEMATICS	PHYSICS	TRI-ANNUALLY	3300
5	INDIAN JOURNAL OF PHYSICS	PHYSICS	MONTHLY	2000
6	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	PHYSICS	MONTHLY	3200
7	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCE	MATH	BI-MONTHLY	4000
8	INDIAN JOURNAL OF MARKETING	COMMERCE	MONTHLY	3400
9	INDIAN JOURNAL OF MANAGEMENT	COMMERCE	MONTHLY	3400
10	INDIAN JOURNAL OF FINANCE	COMMERCE	MONTHLY	3400
			<b>TOTAL</b>	<b>26700</b>

### **23. Courses in which Student Assessment of Teachers is Introduced and Action Taken**

Regular feed back of student assessment of the teachers, as suggested by the IQAC, is taken by the heads of the respective departments and requisite action is taken to solve the problems. In addition, there are a number of indirect methods through which the feed back regarding the teachers, teaching methods and teaching material is obtained. There is a Students' Grievances Redressal Cell, formed to attend to the problems of the students. There is a suggestion/complaints box outside the principal's office for the students. These suggestion/complaints are kept confidential by the Principal who takes necessary action. Students and their parents can directly contact the Principal, generally without any prior appointment.

**24. Unit cost of Education:**

(a) Including the salary component: Rs. 36,086

(b) Excluding the salary component: Rs. 8,058

**25. Computerization of Administration and the Process of Admissions and Examination Results, Issue of Certificates**

The IQAC ensures that the college administration employs advanced technology. Therefore, the college office has been made computerized. The record of various office notes, annual examination, and their results is maintained with the help of computers. Certificates for the university exams are issued by the University.

**26. Increase in the Infrastructural Facilities**

An updated version of the staff room in Maharaja Ranjit Singh Arts block was opened for the faculty members. This new and improved staff room provides a separate spacious computerized room for study and research purpose.

**27. Technology Up gradation**

Routine upgradation of the college office and the labs as recommended by the IQAC continued this year as well. Each and every department was provided with a new computer system using latest upgraded software and LCD screens. The college office was also provided newer software versions in order to speed up the clerical data work. Principal's office was also connected to the line of college computers using latest software, hardware and operating machinery. The ever improving college library was also updated with computer systems, wherein each and every piece of information regarding the vast collection of books and journals is now just a click away.

**28. Computer and Internet access and Training to Teachers and Students**

Like past years, the college continued under the directions of IQAC to provide free of cost internet facility to the staff in the cyber center of the Department of Computer Science and in individual departments too. Students of the College were allowed to use Internet Facility on all working days in the cyber center of the department of Computer Science and in the College Library at nominal charges. Special Internet basics training was also given to students and faculty members who desired to do so. A Computer Awareness Program was organized for the faculty and the students of the Mathematics department on 22 Sep. 2010.

**29. Financial Aid to Students**

The IQAC tries to provide maximum financial help to the deserving and the needy students. For this reason, scholarships and financial help was given to a number of students.

- Prof. Ravil Kamal of the PG Department of English instituted a scholarship of Rs.3100/- for the college topper of MA I (English) in the Memory of late S. Naginder Singh.
- Five scholarships were provided to the deserving students of the Mathematics Department by Sihota Scholarship Principal Trust, Jalandhar.
- Miss Swati Kashyap (BCA) was awarded Michael Sehgal Scholarship of Rs. 10 Lacs for higher studies in M.Sc. (Information Technology) at NORTHUMBRIA University (UK), She is the 5th Student of the department to have received this scholarship.

**Freeships given to the students during the academic year 2010-11 by various institutions:**

<b>Name of the institution</b>	<b>No. of freeships given</b>
Manav Sehyog Society	04
Lions Club	13
Hari Singh Estate Educational Charitable Trust	02
Sita Ram Jindal Foundation, New Delhi	02

**Summary of the financial aid given to the students during the session 2010-11**

<b>Sr. No.</b>	<b>Stipends/ Scholarships</b>	<b>No. of Students</b>	<b>Amount</b>
1.	Blind/Physically Challenged	01	5000/-
2.	Sports Persons	287	3652280/-
3.	Staff	23	401220/-
4.	Merit	55	346031/-
5.	Others	76	1466834/-

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

As per the guidelines of the IQAC the college has established an alumni association. Many of the students of the college are NRIs and they have good name for themselves abroad. They never miss the chance to visit college when they visit India. Even this year, many old students (now living in different countries such as Pakistan, England, Canada and the USA)

visited the college and were felicitated by the Management and the Staff. They assured all kind of help-both ethical as well as monetary-to the College and its students. They offered valuable suggestions for the development of the College. The PG Department of Commerce held its Alumni meet in February 2011 wherein around 100 old students of the department assembled to show their allegiances to the college. The PG Department of English formed its own Alumni Association in March 2011 which rolled back the years by re-uniting the pass outs from this particular department.

### **31. Activities and support from the Parent – Teacher Association**

The IQAC is open to all the suggestions that come from the parents of the students regarding the betterment and all round development of the students. The absence of an organized PTA is compensated by maintaining contact with the parents. The parents of students can meet the Principal or the concerned teachers, generally, without any prior appointment. Their valuable suggestions and useful feedback are given consideration.

### **32. Health Services**

The College houses a medical dispensary which is situated in the main building. Free-medical service is offered to the staff and the students. Apart from this, medical check ups camps, blood group testing programmes are arranged with the help of Medical Core of the Indian Army and the Rotary Club. The Physiotherapy department of the college provides free of cost physiotherapy treatment to the students and the staff.

Pure drinking water with ultra filtration facility has been made available to the students. There are five water coolers installed for the students

The college dispensary provides free health care facilities to the students and the staff. In view of the community needs, the physiotherapy department of the college has its own outdoor patient department (OPD) where the health care facilities are offered at subsidized rates. Information, guidance and treatment are offered to neurologically challenged patients of the society. The OPD also provides an on field first aid and care to the college sports persons. Patients suffering from orthopedic disorders like frozen shoulder, cervical spondylitis, low back pain, arthritis are managed by trained clinical staff. A specialized pediatrics therapy unit has been established for the patients of Cerebral Palsy, Muscular Dystrophy and Gullian Barre Syndrome. Facilities are available for the treatment of paralytic disorders, Erb's palsy, polio myelitis etc.

College outdoor patient department takes initiatives to create awareness against AIDS, drug abuse and other health problems in the adjoining localities. Bone Density estimation and cardiac health check up are also part of OPD services. There is a consistent increase in number of patients being treated in the OPD.

### Number of patients in 2010

Month	Patient count
January	275
February	342
March	591
April	529
May	537
June	526
July	408
August	566
September	577
October	508
November	544
December	640

### 33. Performance in Sports Activities

Lyallpur Khalsa College continued its glorious record in sports by winning the University Overall Trophy for the record making 11<sup>th</sup> time in a row with a massive total of 108 points. Following are the sports achievements during 2010-11:

- College participated in 43 games in GNDU inter college championships.
- Secured first position in following sports:
  1. Waterpolo
  2. Gatka
  3. Table
  4. Tennis
  5. Kayaking
  6. Softball
  7. Pistol Shooting
  8. Hockey
  9. Archery
  10. Korfball
  11. Athletics

- Secured Second position in following sports:
  - 1.Tug of War
  - 2.Netball
  - 3.Handball
  - 4.Kabaddi (P.S.)
  - 5.Best Physique
  - 6.Power Lifting
  - 7.Badminton
  - 8.Boxing
  - 9.Taekwondo
  - 10.Chess
  - 11.Cross Country
  - 12.Ball Badminton
  - 13.Malkhamb
  - 14.Baseball
  
- Secured third position in following :
  - 1.Swimming
  - 2.Football
  - 3.Basketball
  - 4.Cycling,
  - 5.Kho-Kho,
  - 6.Kabaddi (N.S.)
  - 7.Archery Indian
  - 8.Archery Compound
  - 9.Yoga
  - 10.Tennis
  
- College secured a record 108 points in the University Sports Events and won the S. Teja Singh Samundari Overall Championship Trophy for the 11<sup>th</sup> time in a row.
- Around 80 players represented in GNDU Teams in various disciplines.
- Around 60 players represented in Junior and senior National Championships in various disciplines.
- Amanpreet Singh represented India in Pistol Shooting in Asian Games held at Guangzhou (China).

### **34. Incentives to Outstanding Sports Persons**



Under the guidelines of IQAC outstanding sports persons of the College were given many facilities. They were provided freeship. The top performers were provided in addition to freeship, free hostel and mess facility. To outstanding players, scholarships were awarded. The national and international level performers of the college were specially honored.

### 35. Students' Achievements and Awards

#### a) Academics

In the field of Academics, following students won honor for themselves and for the college.

#### Academic Achievements 2009-2010

Sr. No.	Name	Class	Uni. Position
1	Sakshi Gupta	M.Sc (Biotech)-II	1st
2	Vishav Jyoti	M.Sc (IT)-I	1st
3	Sandeep Kaur	PGDWD	1st
4	Sonia Kundra	M.Com-II	1st
5	Rajni Tokhi	MA-I (Pol.Sc.)	1st
6	Roopdeep Kaur	BPT-III	1st
7	Navpreet Kaur	BPT-IV	1st
8	Sandeep Kaur Saggu	B.Sc.(Biotech)-II	2nd
9	Preet Inder Kaur	M.Sc (Biotech)-II	2nd
10	Shaminder Kaur	M.Sc (CS)-I	2nd
11	Nidhi Gupta	M.Com-II	2nd
12	Sumit Ahuja	B.Com-II (P)	2nd
13	Ruby Sharma	MA (History) - II	2nd
14	Swati Sharma	M.Sc-I (Math)	2nd
15	Sonu	BPT-II	2nd
16	Tarandeep Kaur	M.Sc (Biotech)-II	3rd
17	Sonia	MA (History) - II	3rd
18	Manjinder Kaur	MA (Economics) - I	3rd
19	Sukhdeep Kaur	BPT-II	3rd
20	Bhavya Sharma	B.Sc.(Biotech)-II	Merit Holder
21	Manjinder Kaur	M.Sc (IT)-I	Merit Holder
22	Jaswinder Singh	B.Sc(IT)-III	Merit Holder
23	Harkeerat	M.Sc (CS)-II	Merit Holder
24	Mohit Dhir	B.Sc (C/S)-II	Merit Holder
25	Manmeet Kaur	M.Com-II	Merit Holder

26	Amanpreet Kaur	MA-I (Pol.Sc.)	Merit Holder
27	Kiran Lata	MA (History) - I	Merit Holder
28	Divya Vaid	MA (Economics) - I	Merit Holder
29	Rajbir Kaur	BPT-IV	Merit Holder
30	Sunil Kumar	B.Sc (Comp.Sc.)	Merit Holder
31	Navjot Kaur	MA (History) - II	Merit Holder
32	Geetanjali	M.Sc-II (Math)	Merit Holder
33	Sandeep Kaur	BPT-IV	Merit Holder
34	Nitika Kapila	B.Com-II (P)	Merit Holder
35	Parminder Kaur	B.Sc(Eco)-II	Merit Holder
36	Priyanka	M.Sc (CS)-I	Merit Holder
37	Alisha Gill	MA-I (Pol.Sc.)	Merit Holder
38	Kirandeep Kaur	MA-II (English)	Merit Holder
39	Vinod Sharma	MA-I (English)	Merit Holder
40	Jasmeet Kaur	B.Sc.(Biotech-Voc)-III	Merit Holder
41	Ganisha Ahuja	BCA-III	Merit Holder
42	Harpreet Kaur	MA-II (Pbi)	Merit Holder
43	Dilpreet Kaur	BPT-IV	Merit Holder
44	Varun	B.Sc(Non-Medical)	Merit Holder
45	Jyoti	B.Com-III	Merit Holder
46	Kirat Kaur	BCA-III	Merit Holder
47	Paramjot	BBA-I	Merit Holder
48	Anupreet Kaur	B.Sc (C/S)-II	Merit Holder
49	Dipanshu Malhotra	B.Com-I	Merit Holder
50	Jagneet Inder Kaur	B.Com-I	Merit Holder
51	Navjot	DCA	Distinction
52	Neetika	DCA	Distinction
53	Shivani Gabha	DCA	Distinction
54	Rinku	DCA	Distinction
55	Rajwinder Kaur	PGDCA	Distinction
56	Kulwant Kaur	PGDCA	Distinction
57	Sapna Kumari	M.Com-II	Distinction
58	Suraj	M.Com-II	Distinction
59	Geetika Dureja	M.Com-II	Distinction
60	Shefali Arora	M.Com-II	Distinction
61	Rashmi Chauhan	M.Com-II	Distinction

62	Jasinderpal Kaur	M.Com-II	Distinction
63	Inderpreet	M.Com-II	Distinction
64	Parminder Kaur	M.Com-II	Distinction
65	Sandeep Kumari	M.Com-II	Distinction
66	Jiwan Jyoti	M.Com-II	Distinction

## **b) NCC**

### **1) Army Wing**

N.C.C. Army wing performed very well at national, regional & local level.

#### **N.C.C. Activities:**

11 cadets, selected from the college, were presented Gold Medals for organization of Commonwealth Games, New Delhi October 2010. U/o Umesh Kumar Pandey was the only cadet from the region selected for mountaineering camp at Uttarkashi. S. U/o Dheeraj Singh Routela was also the only cadet selected from the region for Rock Climbing Camp, Gwalior. Two cadets from the college attended the National Integration Camps (N.I.C.) at Gujarat & Naya Nangal and won prizes for various activities Jan. 2011.

#### **Other activities include:**

- 11 Cadets attended Army Attachment Camp, Jalandhar Cantt.
- 06 Cadets attended the Pre-R.D. Camp at Kapurthala October 2010 and Ludhiana.
- 05 Cadets attended the various Pre-Thal Sena Camps.
- 50 Cadets each attended the two C.A.T.C and won prizes for various activities.
- 25 Cadets participated in the state level republic day parade 2011 at Guru Gobind Singh Stadium, Jalandhar.
- 06 Cadets participated in the army flag day Dec. 2010.
- An exhibition and Motivation Lecture by group Commander, Jalandhar and Commanding Officer 2 Pb. Bq. was held in the college in Aug. 2010.
- Prestigious 'C' Certificate Exam of the Group (Doaba Region) and 'B' Certificate Exam of the Battalion was held in our college on 20<sup>th</sup> Feb. & 7<sup>th</sup> Feb. 2011 respectively where 35 cadets appeared for 'c' certificate & 41 for 'B' certificate.

### **2) Air Wing**

NCC activity is a second line of defence which lays special emphasis on overall development of personality. NCC training inculcates amongst cadets the spirit of national building. They are

imparted training in drill, handling weapons, GSK, fire fighting, civil defence, pilot aptitude and battery test and provided training for SSB interview.

As a social activity, cadets are taught to participate in camp management. They are provided opportunity to develop sense of comradeship. As a part of NCC training, cadets are motivated to discover their own capabilities by overcoming mental and physical challenges and by developing leadership qualities.

At annual combined training camp cadets are selected for higher cadres. During 2010-11 cadets Gurmanpreet Singh, Kirti and Satwinder Singh got first position in shooting. Cadet Sgt. Sarabjeet Kaur and Ajay Singh got second position in shooting. Cadet Ashish got best cadet award in unit. Hiten Kumar participated in Commonwealth games at New Delhi.

For the 4th consecutive year our cadet won the overall best cadet trophy. Cadet Sgt. Prabhleen Kaur Bawa got best cadet award in whole group and awarded a cash prize of Rs.3500/- . Our college contingent also won drill competition and was awarded a trophy.

Cadet Jasmine successfully cleared the National CDS exam for Indian Army and National CET exam for Indian Air Force.

### **36. Activities of the Guidance and Counseling Cell**

As informed by the IQAC, the Career Guidance and Counseling unit aims at providing the students career counseling. It holds its meetings at regular intervals to plan the organization counseling and guidance activities. Books and magazines, helpful to the students in the choice of their career, are made available to them. A display board informs the students about jobs and opportunities in different fields. Seminars are organized in collaboration with the Placement Cell of the College for the benefit of the students.

### **37. Placement Service Provided to Students:**

Training activities were organized throughout the year in an effort towards preparing the prospective students for the campus selection programs.

The session 2010-11 saw corporate giants like, Genpact, IBM, Jindal Info Media, Kayako Infotech, Dell, OMAS, MetLife, ING, ICICI, DLF Pramerica, Haryali, and First Source, PKF and Lifestyle amongst others in Lyallpur Khalsa College campus for placements.

#### **Achievements of Placement Cell**

##### **Workshop:**

The cell organized DB2 workshop for the students. Trainers from IBM India visited our college and trained the students.

### **Career Guidance and Personality Development classes:**

Career Guidance and Personality Development classes were started from the second week of July 2010, for the students who have registered themselves in the placement cell. Guidance sessions were held by Major General GS Sohi (Retd) Ex-Chairman Services Selection board , Prof Jaspal Singh, Prof Harjit Singh, Prof Tarsem Singh, Prof. Hari Om Verma, Prof Ahuja Sandeep, Prof SS Bains, Prof Charanjit Singh, Prof Baldev Singh and Prof KPS Randhawa.

### **Seminar:**

Sh Ravdeep Sodhi, Director, Data64 Techno Solutions Pvt Ltd delivered an innovative seminar on Cyber Crime with specific stress on Cyber Forensic, Web Security and IT.

### **Wipro Placement Meet:**

Campus Placement officer Mr. Rachit Garg attended a WIPRO placement meet at Chandigarh on 23<sup>rd</sup> July to understand the working of a BPO, namely WIPRO BPO, It was an interactive session together with the placement officer from around 20 colleges.

### **Campus Hiring:**

DLF Pramerica, HDFC, Axis, Lambodram, Access, ICA, JobAvsar conducted a seminar on “Career options for Computer and Commerce Graduates” for final year students.

IBM GPS on 7th September, 2010, Kayako Infotech on 3rd September,2010 and DLF Pramerica on 25th October,10 visited our college for placements for Computer and commerce students of the current and passed out batch for the placement.

WIPRO BPO conducted campus placements in our campus on 21st December 2010. Many registered students of the college attended the interviews and got selected.

Infosys Technologies, Wipro Technologies, Religare and Telcoma Technologies on behalf of Nokia Siemens Network conducted Joint Placement drive.

An MOU has been signed between Lyallpur Khalsa College and Puple Leap for establishing **Career Centre** which will commence in session in 2011-12. It will provide various industry specific courses (Microsoft, JAVA, Oracle, CCNA Certifications) for Computer Science students.

The Future Plans of the placement cell include undergoing an MOU with Telecoma Technologies for in-house Industrial Training of students in the field of Telecommunication based solutions.

### **Mega Job Fair-2011:**

The multi-industry Mega Job Fair-2011 held in the premises of Lyallpur Khalsa College was a mega event arranged to facilitate fast track recruitment. It helped companies find the best talents in each field. The positions offered in job fair were in Sales & Marketing, Healthcare,

Information Technology, Finance, Management, Retail, Administration and Call Centers etc. The one day Mega Job Fair witnessed an over-whelming response from job seekers and companies from across the region. In it 900 job seekers walked in to seek better paying jobs. Participating companies spanned across industries including IT, ITeS, Banks & Insurance Sectors and included reputed names like, Genpact, IBM, Jindal Info Media, Kayako Infotech, Dell, OMAS, MetLife, ING, ICICI, DLF Pramerica, Haryali, and First Source, PKF and Lifestyle amongst others.

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

The IQAC tried to ensure organization of development programmes for the non-teaching staff of the College. These development programmes particularly aimed at their professional skills. They were encouraged to attend such seminars and workshops which would be beneficial to them in their professional career. The Department of Computer Science of the college organized special workshops in computer basics for the members of the non-teaching staff. As the college office is being totally computerized, it has become almost mandatory for every member of the clerical staff to be familiar with computer operation. Like the previous years too, the Department of English organized English language classes for the non-teaching staff.

### **39. Best Practices of the Institution**

**a) Research Centres :** To promote research activities, the college has established four research centers; Centre for Sri Guru Granth Sahib Studies, Center for Historical Studies, Punjab Center for Migration Studies and S. Balbir Singh Memorial Research Centre for Science. The centers perform various research activities from time to time.

#### **Centre for Guru Granth Sahib Studies**

- The abstracts of the following three projects have been prepared by the centre:
  1. *Doaba Nirmal Mandal de yogdaan di Parmanikta ate Parsangikta*
  2. *Sikh Itihaasik Shatabdian*
  3. *Sri Guru Granth Sahib di Vichaardhara*
- The coordinator and assistant of this centre presented and published research papers and also delivered lectures in some institutions. Book reviews related to Sikh Ideology and Sikh History were also contributed by the centre members.
- A book concerning 'Sikh Religion and Women' has been prepared by the centre which is ready for publication.
- Gulzar Singh Kang, a renowned research person was appointed as a research scholar in centre. G.S. Kang presented a paper on 25<sup>th</sup> August 2010 at Javaddi Kalan .This paper was based on Sri Guru Granth Sahib's teachings and its relevance in this modern day and

age. Dr. Kang also composed a book covering the concept of 'Dehi' in various religions across the world.

- The centre has also forwarded a proposal to UGC for establishing Guru Nanak Chair under the E-Posh thinkers Scheme.

### **Punjab Center for Migration Study**

This center organizes guest lectures on issues concerning Migration with an objective to study Migration in the region. A book *Parvasi Sahit Chintan* written by Dr. Harjinder Singh Atwal was published by the centre.

### **Center for Historical Studies**

This center aims to keep a contact with our rich culture and heritage from the past. The outcome of the research activities of this center, a book titled *Maharaja Ranjit Singh De Jeevan Birtaant* is under publication.

### **S. Balbir Singh Memorial Research Centre for Science**

The objectives of this centre are to co-ordinate various science projects in the college and to attain these objectives, informative lectures are delivered every year. On 15th February 2011, Prof. A.K. Dua from Botany Department, Punjabi University, Chandigarh was invited for a guest lecture at Department of Biotechnology. The centre organizes a special research oriented programme every year on the death anniversary of Late S. Balbir Singh. plans to publish research findings of its scholars

### **b) Active Participation in Sports**

The College is a hub for sports in the region. It has given many national and international level players to the country. It has been consistently winning the University Overall Championship. To popularize sports among students and to ensure the participation of maximum number of students in it, the College organizes each year it's Annual Athletic Meet which is one to two days long. All the students of the college, except the players of the college, can participate in the competitions. Students from all the five departments -Arts, Sciences, Commerce, Computer Science and IT and Physiotherapy participate in the various athletic events. The department getting the highest number of points is given the running trophy. Two students-one male one female -are chosen best athletes in male and female categories. A number of girl students participate in athletic events. Staff members-both male and female and teaching as well as non teaching- also participate in the events that are specially included for them.

### **c) Social Awareness and Cultural Programmes**

The College as an educational institution understands its duty in protecting our cultural values and in spreading awareness regarding various social evils that threaten our society. A number of social awareness and cultural programmes are organized by the College time to time with the active involvement of the students and the staff. Regular welcome and farewell programmes for the incoming and outgoing students, Environmental Awareness Programmes; Tree Plantation Day; Blood Donation Camps; Inter-departmental Song, Dance, Rangoli and Poster making, Paper Reading, Debate and Declamation contests are also organised. The Physical Education and Sports organizes, each year, a Cross Country Race for some social cause. The Recreational cum Educative tours and trips are organized by the departments for the students.

#### **d) Wall Magazine**

In addition to regular College Magazine, the college has a main wall magazine too which is a place where ideas of the students are expressed tersely in the form of paintings, sketches short poems and slogans. Various departments of the college too have their own wall magazines which are maintained by their students.

#### **e) Religious and Cultural Environment**

Keeping the preservation of our rich cultural heritage in mind, efforts are made by the IQAC to inculcate and promote Indian cultural values among students. Students are motivated to participate in and present programmes that represent our rich cultural heritage. Cultural events organized by various departments and special programmes organized by the management of the college are always in line with our traditional and cultural values.

Throughout the year, Gurburabs were celebrated with religious fervour. 'Guru Ka Langar' was enthusiastically served to all on each of these occasions. Various other religious activities were carried out by the students of religious studies department. Gurburabs of Guru Nanak Devji and Guru Gobind Singhji along with the martyrdom anniversary of Guru Arjan Devji, were specially celebrated in the College premises wherein students actively participated.

#### **f) Cultural Amalgamation**

Though the college is basically a Sikh institution, yet it has provided education for more than one 100 years to students of all castes, religions, regions and communities without any discrimination. The college campus provides a scene of Cultural amalgamation. Here one can find new technological advancements going hand in hand with traditional cultural values.

### **39. Linkages developed with National / International Academic / Research bodies**



The College is affiliated with Guru Nanak Dev University Amritsar and is linked with UGC under 2 (f) and 12 ( b ) of UGC Act 1956. The College provides campus to the Guru Nanak Dev University for MCA Class of the University. The College library has membership of the DELNET and INFLIBNET for resource-sharing and research purposes.

### **MOUs:**

An MOU was signed between Lyallpur Khalsa College and Puple Leap for establishing **Career Centre** which will commence in session in 2011-12. It will provide various industry specific courses (Microsoft, JAVA, Oracle, CCNA Certifications) for Computer Science students.

Lyallpur Khalsa College in association with UGC (sponsored course) runs a course titled MSc Network Protocol Design. The College will undergo an MOU with Telecoma Technologies in near future for in-house Industrial Training of our students in the field of Telecommunication based solutions.

National Assessment Test (NSAT) is a pan India test to short list students for 2012 placements. Lyallpur Khalsa College in association with Campusdias will conduct with an objective to bridge the gap between corporate and students.

## **40. Any other relevant information the institution wishes to add**

### **1. International Publications by the Faculty members:**

- Two papers of Dr. G.S. Samra, Department of Mathematics, have been accepted for International Publication.
- Two papers of Dr. Arun Dev Sharma, Department of Biotechnology, have been published in international journals.

### **2. International fellowship awarded to the faculty**

- Mr. Sapanbir Singh and Mr. Akhil Vohra from the Department of Chemistry got offshore fellowship for pursuing their Ph.d. in Lakehead University, Canada and Waterloo University, Ontario, Canada.

### **3. Community Services**

- The Physiotherapy Department organized a free physiotherapy and BMD camp at village **SOFI**, Jalandhar Cantt. On 21<sup>st</sup> February 2010. During the camp around **150 patients** were examined and advised treatment.
- The Department of Physiotherapy organized a free Physiotherapy and BMD camp at village **KHASSAN** on 10<sup>th</sup> April 2010. During the camp around **200 patients** with various orthopedic and neurological problems were given proper guidance and treatment.
- A physiotherapy treatment camp was organised at **NAKODAR** on 24<sup>th</sup> April 2010. During the camp around **175 patients** were given treatment and prescribed exercises.
- The Physiotherapy Department also organized a camp on 23<sup>rd</sup> May 2010 at Phagwara in which special emphasis was given on prevention of osteoporosis. Patients were given medicines for osteoporosis free of cost.

- A free Physiotherapy treatment camp was held on 4<sup>th</sup> July 2010 at village Kalara (Adampur) in which physiotherapy treatment was given to patients. Patients were given diet charts for prevention of osteoporosis.

#### **41. Future plans of the college**

- Realizing the importance of research in this day and age, the future plans of the college revolve around Research programs. The first and foremost future plan of the college is to introduce more research oriented courses in the institution which shall be very useful for the faculty as well as the students.
- On the concrete basis of self-study and having witnessed an immense all round growth and progress over the last few years, the college plans to apply for autonomous college status in the near future. This shall take the institution to the next level for which it feels to be well prepared.
- The college aims to start a master's degree program in travel and tourism to provide much needed exploration on this subject that the region requires.
- The college intends to start M.Sc concerning environment science for which a proposal to the UGC has been submitted.

