
ANNUAL QUALITY ASSURANCE REPORT

2009-11

Submitted by

Internal Quality Assurance Cell (IQAC)

Guru Nanak College For Girls

MUKTSAR, PUNJAB (152026)

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Annual Quality Assurance Report (AQAR) of the IQAC

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Section-A: Plan of Action Chalked Out By the IQAC in the Beginning of the Year Towards Quality Enhancement.

- 1) New Academic and innovative Courses like M.A (Sociology), B.Sc. (Non-Medical) and Enrichment course in Food Preservation will be introduced as per demands of the society.
- 2) New Faculty will be recruited and new infrastructure will be created to meet the needs of the new courses.
- 3) Library will be updated by addition of more books, journals, magazines, etc.
- 4) Faculty Development programmes: seminars, conferences & workshops will be arranged.
- 5) Different extension activities will be organized.
- 6) Technology will be upgraded by purchasing more computer systems, software and Internet access.
- 7) Construction work of IT Building will be completed and construction of Mai Bhago Stadium & Hostel Building (C-Block, D-Block) will be started.
- 8) Special attention will be given to facilitate sports persons and to enhance their potential to achieve excellence in sports.
- 9) In the beginning of session, special tutorials classes will be conducted to aware the students about the importance of NCC, NSS, Gurmat Sabha, etc.
- 10) Research orientated environment will be created by motivating and facilitating the faculty members for research projects.

Section-B: Details in Respect of the Following.

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

In the light of its vision and mission, the institution has planned its goals and objectives as follows:

- To develop the women empower girls to acquire leadership so that they could contribute to the world order of Guru Nanak's Vision.
- To provide a platform for realizing talent and sharpen it to attain professional flavor.
- To inculcate core values like pursuit of academic excellence, social responsibility and team spirit.
- To train the girls physically and mentally through sports and extra-curricular activities.
- To build infrastructure for growth of the college and to make the institution a centre of excellence.

To achieve the above objectives, needed infrastructure facilities will be created. In the light of vision and mission, the College has already started a range of courses for the students such as BBA, B.Com, B.Sc. (Bio Technology), BCA, MA (Punjabi), M.Sc. (Mathematics) and new courses will be started as per need. the college has recruited well qualified faculty to impart education to the students through various teaching and learning methods. the college also facilities the faculty for research activities. The major purpose of the institution is the holistic development of students and faculty. Following its student centric approach the college offers financial assistance through number of means. Similarly institute also organize co curricular activities such as seminars and conferences for the students and extra-curricular activities through NCC, NSS Gurmat Sabha and personality development camp for the overall development of students.

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

Year	UG	PG
2009	Nil	M.A (Punjabi), M.Sc (Math)(2 years)
2010	B.Sc(Non-Medical) (3 years)	M.A (Sociology)(2 years)

3. Innovation in Curricular Design and Transaction

The Punjab University, Chandigarh designed the curriculum of all courses through different board of studies and it is mandatory for the affiliated colleges to follow the same curriculum. But in spite of this, a committee namely Academic committee has been constituted in the college, who looks after each and every academic aspect of the college. The committee is headed by Dean Academics affairs of the college. It conducts departmental meeting time to time to discuss Teaching plan, subject allocation, and subject content work load. The committee also designs the curriculum for Innovative courses.

4. Inter-disciplinary Programmes Started

As such no inter-disciplinary programme has been started in the college, but existing curriculum design promotes inter-disciplinary merging at departmental level. In the same way, faculties of Department of Computer Science, Punjabi, English, Mathematics, Basic Sciences and Bio Technology are interconnected as the faculty take classes of other departments.

5. Examination Reforms Implemented

The institution has two types of Examinations. University conducts the annual examination and the college conducts its house examination twice a year. The college follows the directions of university regarding conduction of examination time to time. As per the house examination is concerned, a well constituted examination committee conduct the house examination and keeps all type of records.

6. Candidates Qualified: NET/SLET/GATE etc.

- Nil

7. Initiative Towards Faculty Development Programme

The college always encourages the faculty to attend faculty development programs and provide them duty leaves with TA/DA facilities. IQAC provides information time to time about National and International seminars, symposiums and workshops to the faculty for participation. The Research committee motivates faculty members to participate in such activities. The college also provide necessary infrastructure to the faculty and also organize a number of Seminars, workshops for faculty enrichment.

8. Total Number of Seminars/Workshops/Camps Conducted

➤ Seminars/Workshops Conducted in College (2009-10) :

- a) Orientation Program for new faculty and students is conducted by the IQAC.
- b) Special Lecture on “Awareness about Company Secretary” is organized by Department of Commerce in March-2010. The resource person was B.K. Soni, Member, Institute of Company Secretaries of India.
- c) Seminar on “Measuring and Managerial Performance” is organized by Department. of Commerce on 13-03-10. The Resource persons were Dr. Dharminder Singh Ubha, Dr. R.K. Uppal and Dr. Rajinder Kaur on 13-03-10.
- d) One day workshop on “E-Content Development and Question Generation” sponsored by MHRD, UIET, Panjab University, Chandigarh is organized by Department. of Computer Science on 19-05-10.
- e) Four days ‘Student Personality Development Camp, is organized with collaboration of Guru Gobind Singh Study Circle by Gurmat Sabha in college campus on December, 2009.

➤ **Seminars/Workshops Conducted in College (2010-11) :**

- a) Orientation Program for new faculty and students is conducted by the IQAC of the college in July, 2010.
- b) “MTAV Micro Teaching and Audio Visual Aids” workshop in collaboration with CSTARI, Calcutta under DGE& T: Ministry of labour & employment (Government of India) is organized by Department of Home Science and Department of Mathematics from 19 to 23 July-2010.
- c) “Creative Arts workshop 2010” is organized with collaboration with Pidilite Industries Ltd. Mumbai by Department of Home Science from 10 to 14 August, 2010.
- d) Ten days workshop on “Relevance of Theatre” is organized by Department of Commerce in September, 2010. The Resource Person was Mr. Manjul Bharatwaj (Founder The Experimental Theatre Foundation, Mumbai)
- e) Three days ‘Student Personality Development Camp’ in collaboration of Guru Gobind Singh Study Circle is organized by Gurmat Sabha in college campus in February, 2011.

9. Research Projects

➤ **2009-10:**

a) Sanctioned (Minor Research Project)

- 1) **Title of Project** “Printing press & Development of Punjabi Language, 1849-1919”

Funding Body: UGC New Delhi

Amount: 1, 10,000/-

Principal Investigator: Dr. Jagdish Kumar (Assistant Professor, History)

Co-Investigator: Dr. Rana Baljinder Kaur(Assistant Professor, Punjabi)

Time of Sanction: April-2010

- 2) **Title of Project:** “Occupational Changes and Social Mobility Among the Dalits of Malwa Region of Punjab”

Funding Body: UGC New Delhi

Amount: Rs. 1, 00,000/-

Principal Investigator: Mr.Bali Bahadur (Assistant Professor, Sociology)

Co-Investigator: Ms. Nirmaljeet Kaur(Assistant Professor, Philosophy)

Time of Sanction: April, 2010

➤ **2010-11:**

a) Ongoing (Minor Research Project)

- 1) **Title of Project** “Printing Press & Development of Punjabi Language, 1849-1919”

Funding Body: UGC New Delhi

Amount: 1, 10,000/-

Principal Investigator: Dr. Jagdish Kumar (Assistant Professor, History)

Co-Investigator: Dr. Rana Baljinder Kaur(Assistant Professor, Punjabi)

Time of Sanction: April-2010

b) Sanctioned(Minor Research Project)

- 1) **Title of Project** ““Rai Sikh Community in Ferozepur District : Literary Evaluation”

Funding Body: UGC New Delhi

Amount: 96, 776/-

Principal Investigator: Dr. Mandeep Kaur (Assistant Professor, Punjabi)

Co-Investigator: Mrs. Navjot Kaur (Assistant Professor, Punjabi)

Time of Sanction: October-2010

- 2) **Title of Project** “Comparative Study of Edge Detection Algorithm & Designing of Algorithm Through Fuzzy Set”

Funding Body: UGC New Delhi

Amount: 1, 20,000/-

Principal Investigator: Mr. Sunil Kumar (Assistant Professor, Computer Science)

Co-Investigator: Mrs. Amanpreet Kaur (Assistant Professor, Computer Science)

Time of Sanction: Feburary-2011

10. Patents Generated, if any :

- No patent is generated so far.

11. New Collaborative Research Programmes:

- No collarorative research program

12. Research Grants Received from Various Agencies:

- **UGC New Delhi (2009-10):** Dr. Jagdish Kumar, Dr. Rana Baljinder Kaur
(Rs. 90,000/-)
- **UGC New Delhi (2009-10):** Dr. Bali Bahadur, Mrs.Nirmaljeet Kaur
(Rs. 60,000/-)
- **UGC New Delhi (2010-11):** Dr. Mandeep Kaur, Mrs. Navjot Kaur
(Rs. 92,500/-)
- **UGC New Delhi (2010-11):** Mr. Sunil Kumar, Mrs. Amanpreet Kaur
(Rs. 1,00,000/-)

13. Details of Research Scholars:

- No research scholar has been appointed in the college.

14. Citation index of faculty members and impact factor

- **2010-11:** I.F. (1 – 8) *(Annexure-IV C)

15. Honors/Awards to the Faculty: National and International

- **2010-11:** UGC New Delhi has sanctioned research fellowship to Mr. Bali Bahadur (Assistant Professor in Sociology) under Faculty Development Programme of 11th plan to pursue Ph.D from 17-03-2011 to 16-03-2013.

16. Internal Resources Generated

Session	Fee (College and Hostel)	Management	contract/Rents	Total Internal Resources
2009-10	16933751	3755875	140000	20829626
2010-11	25498291	4200000	114000	29812291

17. Details of Departments Getting Assistance/Recognition under SAP, COSIST (ASSIST)/ DST, FIST, and Other Programmes

- Nil

18. Community Services:

Institute is aware of its social responsibility. We are not only providing the best education, but college also extends its services. Students who move beyond participating in

community service, projects into planning and by coordinating these projects they gain excellent skills in organization, team building and leadership.

➤ **(2009-10):**

- 1) NSS volunteers Visited Old age home and distributed winter clothes to elderly people on 4-10-2009.
- 2) NSS volunteers Visited Red Cross Bhawan for Quiz Competition and participated in different cultural activities on 5-10-2009.
- 3) NSS volunteers Visited Village Kotli for tree plantation and conducted survey on sex ratio on 6-10-2009.
- 4) Department of Punjabi visited to village Udaikaran and celebrated festival of 'TIYAN (TEEJ)' with villagers on 10-08-2009.
- 5) The Department of Economics arrange the visit to Slum Area of Muktsar city and deliver lecture on 'Clean City, Green City' on 4-08-2009.
- 6) Gurmat Sabha Organized Community Kitchen on the Birthday of Guru Nanak Dev Ji on 28-11-09. Students, staff members and people of the area gave donations in form of cash and kind to organize this activity.

➤ **(2010-11):**

- 1) To sensitize the degree holders about their responsibility towards environment, Nanhi Chhaa Cell distributed plants with the degree on 36th convocation March-2011.
- 2) To generate awareness against female feticide, Nanhi Chhaa Cell organize visit to village Kotli Devan and sensitize the villagers about ill effects of female feticide on September-2010.
- 3) Following its noble practice , Gurmat Sabha Organized Community Kitchen (Langer) on the Birthday of Guru Nanak Dev Ji.

19. Teachers and Officers Newly Recruited:

➤ **2009-10:** 5 (Teacher)

- 1) S. Sukhwinder Singh (Department of Punjabi)
- 2) Dr. Mandeep Kaur (Department of Punjabi)
- 3) Ms. Shilpa Kansal (Department of Commerce & Management)
- 4) Ms. Monika Garg (Department of Commerce & Management)
- 5) Ms. Aarti Sharma (Department of Bio-Technology)

- **2010-11:** 4 (Teacher)
 - 1) Ms. Suman (Department of Sociology)
 - 2) Ms. Ruchi Kalra (Department of Home Science)
 - 3) Ms. Deepti (Department of Mathematics)
 - 4) Dr. Navneet Kumar (Department of Basic Sciences)

20. Teaching – Non-Teaching Staff Ratio

- **2009-10** - 55 : 29
- **2010-11** - 65 : 31

21. Improvements in the Library Services

To enrich the college library, the college has spent Rs. 170387 to purchase new books and journals of Rs.8760. The library has started access to e-resources which is available to faculty and students of the college. Book Bank facility is provided for economically weak students by different departments in the college. Book loan facility at time of examination is provided by the college to facilitate the economically weak students. Library also spend amount of Rs. 6000/- in resource sharing with British Library, Chandigarh.

- **2009-10 :**
 - a) 543- New Text Books
 - b) 10- New Reference Books
 - c) 09- New Journals

- **2010-11 :**
 - a) 1156- New Text books.
 - b) 34- New Reference books.
 - c) 17- New Journals
 - d) 29- CD's and Video's

22. Feedback from Stakeholders

Institute receives Feedback from stakeholders in a number of ways. Parents Teacher Meetings are held at department level to give the information of student's performance to the parents. Suggestion Box are displayed at various corners of the college. Students are free to give any suggestions about the college. Alumni meet is done every year so that members of Alumni can interact with the teachers and students of the college and give feedback which can positively affect the progress of the college.

23. Unit Cost of Education

- **2009-10:** No. of students =1252

Rs.16,650 (with Salary)

Rs.6518 (without Salary)

- **2010-11:** No. of students = 1532

Rs.19,324 (with Salary)

Rs.7424 (without Salary)

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

The administration block is already fully computerized. They use Software for the collection of fee from the students. Computerized records of student's admissions, fee collection, enrollment and examinations return and internal assessments are maintained. All Head of Departments are provided with Computer Systems by the institute for managing academic as well as administrative activities. Computer systems are also available for non teaching staff with internet facility for the effective and smooth conduct of administrative work/responsibilities. Result of all classes is displayed online by the university.

25. Increase in the Infrastructural Facilities

As the strength of the students and faculty of the college increases, number of books for library, furniture for class rooms, computer systems for computer labs has been purchased.

- **2009-10**

- IT building (33000 sq.ft.) completed in December-2009. With the completion of this building 22 new class rooms, 4 labs and 1 store has been created.
- Mai Bhago Stadium building construction started on June-2010.

- **2010-11**

- The construction of Hostel building C & D- Blocks has been Started in January-2010.

26. Technology Up Gradation

Every year 2 to 3 companies are invited to aware the students about software development & new language

Year	New Computer	1 Mbps Leased line	New Computer Labs	To Office	To Departments
2009-10	15	1	-	-	-
2010-11	40	-	1	9	11

27. Computer and Internet Access and Training to Teachers, Non-Teaching Staff and Students:

- Library is providing free internet facility to staff and students.
- One lab for one hour (2:00-3:00) allotted internet access for students.
- A short term course based on computer is introduced for the students.
- Wi-fi campus and training of software and computer language is provided to students.

28. Financial Aid to Students:

Year	Free ships to sports students	Scholarships(Rs.)
2009-10	Rs. 479,037 /-	Rs. 20,900 /-
2010-11	Rs. 849,121 /-	Rs. 2,79,499 /-

29. Activities and Support from the Alumni Association:

The creative, innovative & skilled faculty of the college has produced enriched alumni, some of them has attained the prestigious position in their carrier. Alumni meet has been organized which aims to support the academic & non academic activities of the college. Alumni feel the college as second home. Whenever they get opportunity, they visited the college. Every year Alumni association organized meeting of the association to discuss various issues concerning students & the society.

30. Activities and Support from the Parent-Teacher Association:

The college doesn't have parents teachers association as such. However, the parents-teachers meetings are conducted in every session. The results of the students are conveyed to their parents through the report cards.

31. Health Services:

- First aid room is established in hostel. A lady doctor visited twice in a week for regular check up of the students.

- In case of emergency, students are carried the hospital and the institution bear the treatment cost.
- Contribution of funds towards non-curable diseases and natural disasters.
- College students are covered under group insurance scheme of United Insurance Company.
- Department of Home Science is actively providing awareness to the student about healthy food under diet counseling cell.

32. Performance in Sports Activities :

Year	State/University level	National level
2009-10	40	5
2010-11	56	8

33. Incentives to Outstanding Sportspersons:

For motivation of the sports students to play with high spirit, college provide lot of facilities to them such as free accommodation in college hostel, free and special diets in mess, refreshment during competitions and training, etc. The College also provides them special stipends, free full fee concession, laundry facility, kits and shoes, etc.

To facilitate and motivate the sports persons active participation in sport activities, the college is also provide them TA/DA for the participation in various competitions. Special coaches are also hired to train the sports person. Winners are appreciated with appropriate rewards during the annual function.

34. Student Achievements and Awards:

Year	State/University level	National level
2009-10	25	1
2010-11	24	0

35. Activities of the Guidance and Counseling Unit:

- Career guidance and counseling cell counsel the students about future carrier opportunities.
- Dean Academics organize Orientation program for first year students to provide information of rules and regulations of the college.

- Counseling of different aspects of life is done in tutorial classes.
- Counseling the students of nearby area about various streams running in the college is done by different Faculty members.
- Skill enhancement activities/Seminars/workshops/special lectures are arranged to give knowledge of various career opportunities for the students.
- Admission Committees guide and counsel the first year students regarding subject options in different streams.
- Student Welfare Committee guides the students regarding scholarships and fee concessions, free ships to sports person.

36. Placement Services Provided to Students:

- Nil

37. Development Programmes for Non-Teaching Staff :

- Nil

38. Good Practices of the Institution :

- Every year the college spends sufficient money for plantation of trees. Proper disposal of garbez. Use of polythene bags is banned.
- The college starts its day with morning assembly and prayer.

39. Linkages Developed with National/ International, Academic/Research Bodies :

➤ **2009-10 :**

‘Aus Nirwana’ a foundation in Australia signed an MOU with the college under its student exchange program. Ms. Sharon Sai founder of Aus Nirawana, Mrs. Neisha Macray & Mr. Trevor Davis Volunteers of the foundation visited the college on 26-Sep-2009 to motivate the students for the programme.

➤ **2010-11 :**

Sheriden Institute of Technology and Advanced Learning, Toronto (Canada) for advanced Diploma in Accounting in Oct-2010. Mr. Mihir director of the institute visited the college to apprise the students and faculty of the scheme.

40. Action Taken Report on the AQAR of the Previous Year :

- Research activities started under sanctioned research projects.
- Construction work of IT building has been completed.
- Infrastructure has been created to start the new courses.

- Faculty has been recruited for the new courses.
- Orientation and training programs has been organized.

41. Any Other Relevant Information the Institution Wishes to Add :

Other Activities not Covered in Given Points may be Added

Heritage Fair is organized with the collaboration of Kala Parishad, Chandigarh by Department of Punjabi from 19 to 20, February, 2011.

Exhibitions

- Heritage Exhibitions is organized by Department of Punjabi.
- Exhibition is organized by Department. of Fashion Designing.

Educational Tours

➤ 2009-10:

- Department of Economics organized an Educational visit to Regional Centre, PU, Muktsar on 14-09-2009.
- Visit to Books Exhibition held at the Central University, Bathinda on January -2010 (Department of Home Science).
- Visit to synthetic Setia Mills, Lubainia wali on Feb-2010 (Department. of Home Science).
- Visit to Neva Garments, Ludhiana. (Department of Fashion Designing)
- Visit to Setia paper mill, Sri Muktsar Sahib (Department of Fashion Designing)
- Department of Commerce organized an educational visit to HDFC Bank, Yes Bank and Setia Paper Mill.

➤ 2010-11:

- Seven days tour to the Bikaner, Jaipur, Udaipur, Jodhpur and Mount Abu, Rajasthan in Dec., 2010 (Dept. of Home Science & Sociology).

Major Grievances of Students Redressed are Listed:

➤ **2009-10:**

Student Grievances	Redressed
Electricity Problem	Purchased 125 KV Generator
Demand of more books in library	Purchased new books and also increased the number of copies of already existing books
Problem regarding Hot Weather in summer	Purchased One A.C for Computer Lab

➤ **2010-11:**

Student Grievances	Redressed
Demand of more books in library	Purchased new books and also increased the number of copies of already existing books

Section-C: Outcomes Achieved by the End of the Academic Year

- New academic programs such as M.A (Sociology), B.Sc. (Non-Medical) are introduced.
- Enrichment course (Food Preservation) is introduced.
- Library is updated with the addition of more text books, new reference books, journals, magazines, CD's and Video's of different subjects.
- More computers are purchased for the administrative and academic purposes.
- Construction work of IT Building is Completed and Mai Bhago Stadium building & Hostel (C-Block, D-Block) is started.
- Students participation in sports activities increased and they got 13 Positions at National Level and 96 at state/university Level.
- More number of Students are enrolled in NCC, NSS & Gurmat Sabha.
- Various equipments are purchased for laboratories.
- MOU with foreign universities is signed for students exchange programme.
- Two Minor Research projects are sanctioned by UGC New Delhi.
- Faculty Development Programmes are organized.

Section-D: Plans of the HEI for the Next Year

- New Academic programs such as B.Sc (Medical), B.Sc (Fashion Designing) & M.Com will be started from the next session.
- Construction work of Mai Bhago Stadium & Hostel (C-Block, D-Block) will be completed.
- Technology will be upgraded.
- Library facilities will be increased and updated.
- National seminars/conferences are applied for sanctioned to different funding agencies.

Annexure-I

Faculty as Board of Studies Members at Punjab University, Chandigarh

Dr. Jagdish Kumar : Contributed significantly in the syllabus design of undergraduate course in History of the Panjab University, Chandigarh as Member of the Undergraduate Board of Studies for the term of 1.4.2009 to 31.3.2011.

Annexure-II

Teachers of the college are pursuing their Ph.Ds. from the Various Universities.

- Ms. Nirmlajit Kaur on the Topic “Human Rights in Guru Nanak Bani” at Guru Nanak Studies Dept., GNDU, Amritsar.

Annexure - III

Ph.d. Students Registered with the College Faculty

- Nil

List of Publications/Books

A) Books :

➤ **Book (2009-10):**

Kaur Jasjeet, K.L Verma, “development economics” by S. Dinesh & Co. Jalandhar June, 2010, Print.

➤ **Book (2010-11):**

Kaur Jasjeet, ‘communal politics in the Punjab’ unistar books pvt. Ltd., Chandigarh, 2010, Print

B) Chapter in Edit Book (2009-10) :

- Kaur Mandeep, “Rukha Di Dastaan De Vipin Sarokar Te Parteek Vidhaan”, Varinder Walia Da Katha Jagat, Edi. Harmeet Singh Atwal, Chandigarh, Lokgeet Parkashan, 2009, Print.
- Singh Sukhwinder, “Punjabi Naval da Vidhagat Saroop ate Samkali Drish”, badalde akadmic drish vich Punjabi da adhyapan : bhoomika te sarthikta, Academic Satff College Punjabi Uni. Patiala, 2009, Pg No. 33-35.

C) Paper Published In Peer/Non-Peer Reviewed Journals (2010-11):

- Kumar Navneet, “charged and strange hadron elliptic flow in cu+cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV”, Phys. Rev. C₈₁, 044902, (I.F-3.14), 2010
- Kumar Navneet, “measurement of the bottom contribution to non-photon production in p+p collisions at $\sqrt{s}=200$ GeV”, Phys. Rev. Lett. 105, 203201, (I.F-7.645), 2010., char
- Kumar Navneet, “charged and strange hadron elliptic flow in cu+cu collisions $\sqrt{s_{NN}}=62.4$ and 200 GeV”, phys. Rev. C₈₁, 0449.2, (I.F-3.14), 2010
- Kumar Navneet, “Upsilon cross section in P+P collisions $\sqrt{S}=200$ GeV”, Phys. Rev. D₈₂, 012004, (I.F-3.14), 2010.
- Kumar Navneet, three particle coincidence of the long range pseudo rapidity correlation in high energy nucleus collisions, phys. Rev. let. 105, 022301, (I.F-3.14), 2010.

- Kumar Navneet, inclusive tin and direct photon production at high transverse momentum in P+P and d+Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$, Phys. Rev. C.81, 064904, (I.F-3.14), 2010.
- Kumar Navneet, studying parton energy loss in heavy ion collisions via direct photon and charged particle azimuthal correlations, arxiv: 0912.1871 (nucl_ex), (I.F-4.12)
- Kumar Navneet, observation of Pi^+Pi^- photoproduction in ultra peripheral heavy in collisions at star, Phys. Rev. C81, 044901, (I.F-3.14), 2010.
- Kumar Navneet, spectra of identified high pt ti^{+-} and $\text{p}(\text{pbar})$ in cu+cu collisions $\sqrt{s}=200\text{ GeV}$ phys. Rev. C 81, 054907, (I.F-3.14), 2010.
- Kumar Navneet, identified particle production, azimuthal anisotropy and interferometry measurement in Au+Au collisions at $\sqrt{s_{NN}}=9.2\text{ GeV}$ phys. Rev. C 81, 024911, (I.F-3.14), 2010.
- Kumar Navneet, observation of charge dependent azimuthal correlations and possible local strong parity violation in heavy ion collisions, phys. Rev. C 81, 054908, (I.F-3.14), 2010.
- Kumar Navneet, center of mass energy and system dependence of photon production at forward rapidity at RHIC, Nuclear Phys. A 832, 134-147, (I.F-3.14), 2010.
- Kaur Jasjeet, “Augmenting the resources of UBS in Punjab”, political economy journal of India, ISSN 097-2097, Vol.19 issues 3-4, July-Dec-2010.

A) Paper Presented in Conferences/Seminars (National) 2009-10 :

- Mrs. Ruchi Kalra “educational quality management decentralization as an alternative” national conference in collaboration with AICTE and Bhai Maha Singh College of Engineering Muktsar, 20.11.2009.
- Mr. Jagdish Kumar “Swami Vivekanand and colonialism in India” at UGC sponsored national seminar on ‘social economic and religious ideas of swami vivekanand held at R.K. Arya College, Nawashehar on 25-09-10.

B) Paper Presented in Conferences/Seminars (National) 2010-11 :

- Dr. Jagdish Kumar “Swami Vivekanand and colonialism in India” at UGC sponsored national seminar on held at R.K. Arya College Nawa shahar on 25-09-2010
- Dr. Jagdish Kumar “Historical perspective of human rights violation”, a national seminar violation of human rights in Punjab a case of peasants’ suicide in collaboration with UGC and Guru Nanak National college Daraha on 23-01-11
- Dr. Jagdish Kumar “human rights violation in colonial India”, national seminar ‘defining human rights: perspectives challenges and opportunities’ in collaboration with UGC and Guru Nanak College, Killianwali (Muktsar) 23-02-11
- Dr. Jagdish Kumar “ communalism in Punjab: threats and remedies” to the students of history of Guru Nanak College, Killianwali (Muktsar) on 30 November. 2010
- Dr. Mandeep Kaur “Sikh Itihas vich aurat di bhoomika” National conference in collaboration UGC at GSSDGS khalsa college Patiala, 22 Jan 2011.
- S. Sukhiwnder Singh, “Aazad sikh raj di sathapna lai banda singh bahadur di krantikari bhumika”, life achievement of baba banda singh bahadur, Mata Sahib Kaur Girls, College, Damdama Sahib, 8-Jan-2011
- Prof. Satinderpal Kaur “role of statistics in physiotherapy”, UGC sponsored national seminar on ‘role of statistic in physiotherapy’ at Lyallpur Khalsa college, Jalandhar, on 25-27 Nov-2010