

Introduction

Punjabi University named after the native language was established on 30 April, 1962 and has emerged as one of the premier institutions of higher learning in north India. Although major emphasis of the University has remained on the development of Punjabi Language, Literature and Culture, it has evolved over the years into a multi-faceted, multi-faculty educational institution with over fifty five teaching and research departments. University has also established three-Engineering Colleges to impart professional and technical education to the students of the region. Besides, 11 Regional Centres/Neighbourhood Campuses have also been established in rural areas especially the educationally backward Malwa region to fulfil the educational needs of the students, more specifically the poor ones in this region. In addition, the university has got 186 colleges affiliated to it.

University has always endeavored to achieve standards in academics, research and other curricular activities which are par excellence within country as also at the international level. Keeping this in mind, it has entered into a number of collaborations with universities of USA, Canada, Singapore, Sri Lanka and Iran. Excellent achievements of the university can be judged from the fact that a number of departments of the university are being provided grants by UGC and other such agencies. Three departments of the University have been bestowed with the status of Center for Advanced Studies by UGC. Six departments of the university have been covered under SAP scheme- Five under DRS and one under DSA. Further seven science departments have covered under the FIST scheme of DST.

About 11,000 students are enrolled in various departments besides about 10,000 who receive education through the Department of Distance Education covering around 35 courses. Also 2233 research scholars are enrolled/registered for Ph.D. degree in various departments of the University. In the sphere of sports, University has achieved the distinction of receiving the prestigious Maulana Abul Kalam Azad Trophy for the last three years consecutively.

As the primary objective of the University is the promotion and development of Punjabi language, University has therefore, published 39 books and 7 Journals (which is a regular feature) during the year 2009-10.

Section A

Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcomes achieved by the end of the year.

For the academic year 2009-2010 the following Action Plan was chalked out

- 1 To update the syllabi on continuous basis
Every year in each subject Board of Studies meeting is held to review and update syllabi in tune with recent changes in the subject. The departments

have been mandated to keep syllabi in line with UGC model syllabi and syllabi of competitive examination bodies such as UGC, CSIR, UPSC and PPSC etc.

- 2 To improve the quality of teaching
Contacts hours of teachers with the students have been revised.
Efforts to prepare student for clearing the test of UGC NET/JRF.
- 3 To improve the quality of research
Departments were encouraged to apply to UGC/CSIR and other Funding Agencies for projects.
To ensure that research is relevant and beneficial to society in general and region in particular.
The quality of research should improve in terms of impact factor and citation index.
- 4 To ensure optimum utilization of the infrastructure and facilities already available with the University.
- 5 To bring the University on National and International map in sports activities.
- 6 To make a mark at the National Level in the field of cultural activities through the involvement of University students and students of Affiliated Colleges in the Youth Welfare activities.

For the above mentioned activities, three separate committees were constituted to prepare the different programmes of action. These were:

1. University Planning Board
2. University Sports Committee
3. University Cultural Programme Committee

1. University Planning Board

As per the decisions taken by the Planning Board during session 2008-09, the following new courses have been started during the session 2009-10.

- During the academic session 2009-10 Engineering Management Integrated Five Year Programme has been started at University College of Engineering at Punjabi University Campus.
- Punjabi University, Patiala, and San Jose State University, United States of America College of Humanities and the Arts signed a Memorandum of Understanding (MoU) To promote the scholarly cooperation, mutual understanding and create the friendly relationship.
- Punjabi University, Patiala also signed a Memorandum of Understanding (MoU) with The American Institute of Indian Studies, New Delhi to promote the research in the field of Culture and Languages, Social Sciences etc.
- M.Tech. (Computer Engineering), M.Tech. (Electronics & Communication Engineering) and M.Tech. (Mechanical Engineering) were started at University College of Engineering at Punjabi University Campus.

- B.Tech. T.V. and Film Production course was started at Centre for Advanced Media Studies.
- Certificate Course in Fingerprint Technologies (six month course) was started at Forensic Science Department.
- University has established IPR (Intellectual Property Rights) Cell. The functions of the IPR Cell are patent search and filing facilities (Technical, Financial & Legal assistance) at the door step of innovators, researchers, R & D establishment and entrepreneurs.

2. University Sports Committee

University Sports Committee prepared a plan of action for sports for the session 2009-2010. The plan of action aimed at-

- To conduct the off-season coaching camps;
- To conduct the long duration pre-competition camps of the players/teams;
- To provide the quality apparatus to the players/teams;
- To provide sports wings for the outstanding sportspersons;
- To provide free education facilities to the outstanding sportspersons.

Outcomes achieved by the end of the year

Our players won medals in the All India Inter University Competitions, National and International competitions as per list attached herewith (Medal detail mentioned under point No. 33)

3. University Culture Programme Committee

The following cultural programs were designed and finalized for session 2009-10 by the Youth Welfare.

Youth Festivals

It was decided that Zonal Youth Festival for the session 2009-2010 will be held from 29 September to 22 October 2009, Inter-Zonal Youth Festival will be held from 28 October to 31 October, 2009. The dates finalized for the North Zone Inter- Varsity Youth Festival were for 16 to 20 November 2009, and the National Inter- Varsity Youth Festival was proposed to be held after 20 January 2010. The Folk Festival would be held in February. .

New Event

Creative Dance Solo

A new item of 'Creative Dance Solo' has been introduced in Zonal and Inter-Zonal Festivals from the current session. In this regard the existing rules as per the A.I.U. Delhi, would be followed.

Folk Games

From this time onwards, Folk Games would also be included in the Inter-Zonal Folk Festival. There would be three games for the girls (geete, shtaapu, and rassi tappna), and three games for boys as well (loon meyaani, rassa kassi, pithu garam). The aim of this festival would be to spread and popularize Punjabi Culture through the Folk Art (stage items and exhibition art) and folk games.

Workshops/Camps/Hiking/Trekking Training Programs would be organized for the students during the summer break and other days relatively free of academic workload.

Talent Hunt

To encourage Talent Hunt programs in various affiliated colleges/regional centers of the University, 30 slots of subsidy worth Rs. 2500/-for organizing the same would be provided to the host on “first come, first serve’ basis. In this regard, the interested colleges/campuses should write to the Director Youth Welfare at least one week in advance.

Mangalkamans

A monthly cultural event, to be held on first Tuesday of every month for the campus residents “Mangalkamana” would be launched with the permission of the Vice Chancellor.

To create interest about culture among the campus residents. The programme is organized on the first Tuesday of every month.

Publications

The following works are in the process of publication

A Book based on Sarab Bharti Dharmik Kavi Darbar

A Book based on Sarab Bharti Tre-bhashi Has Viyang Kavi Darbar

A Book based on five day Theatre Workshop

A Book based on five day Folk Art & Folk Games Workshop

A Book based on Vartak Sangreh of old students

Departmental Annual Report Session-2008

Youth Welfare Telephone Directory (Detail of All Colleges, principals and youth coordinators)

Rule Book Youth Festival

Youth Welfare Unit of Punjabi University Alumni Association

All the students of Punjabi University, who have participated in various cultural activities since the inception of the Youth Welfare Department can become its members.

Singing Talent Hunt Programs

The Youth Welfare Department in collaboration with Sarthak Music world organized a Musical evening on 2nd May 2009. With the permission of the Vice Chancellor, it was decided that a “Sangeet Pratibha Khoj Mukabala” would be organized in collaboration with S.M.W. The selected artists in the male and female category would be awarded a cash prize of 31,000/-, 21,000/- and 11,000/-.

In addition to this, the selected artists would be given an opportunity to perform on the stage and participate in music albums.

Above all the Department of Youth Welfare caters to the student of this university comprising of university campus, regional centres, neighborhood campus and 185 affiliated colleges. Besides the youth festivals, other youth programs, guidance, counseling etc. the Department has innovated new programs

to create awareness among the students during stipulated time. The informations about such programmes is provided below

Vidyarthi Chetna Lehar

Under this program, the department organizes programs to create awareness among students in the field of heritage, literary, music, environment, science, books, employment etc.

Youth Welfare Repertory

It has been started to spread cultural fragrance amongst masses through the cultural activities of the department.

Writer/ Artists in Residence

Under this scheme the prominent writer/artist will stay in the campus for a week and students will be able to interact with those artists and learn and get inspired from their life and experiences.

Documentation

The department has started documentation program through books, magazines, CDs cassettes etc.

Theatre and Film Festival

The department has started program about Theatre and Cinema for the awareness about the powerful media. A film festival will be organized in the university for the first time.

Revival of Vanishing Art

The department has first time planned recognize to different art forms at university level like Malwai Gidha, Folk games and Folk Art.

Outcomes achieved by the end of the year

- University winning team of North Zone Inter University Youth Festival participated in 10 items in National level Inter University Youth Festival organized by A.I.U at Vidya Sagar University, Midnapur (West Bengal).
- Punjabi University participated in South Asian Inter University Youth Festival organized by A.I.U at Punjab University, Chandigarh.
- Inter Zonal Folk Festival (participated by all colleges, neighborhood campus and regional centers of the university) was organized by the Department in the University Campus.
- The Zonal Youth Festival were held from 3 to 5 October at Mandi Gobindgarh, from 9 to 11 October at Mandi Ahmedgarh, 10 to 12 October at Bhikhi, 13 to 15 October at Faridkot, 20 to 22nd October at Patiala, and from 21 to 23rd October at Landran.
- Inter –Zonal Youth Festival of Punjabi University, Patiala was held from 27 to 29th October at University Campus.
- The University teams participated in all the items of North Zone Inter University Youth Festival held at Kurukshetra University, Kurukshetra from November 16 to 20.
- The University teams participated in Open National Youth Festival, organized by Government of India at Bhubaneswar from 8th to 12th January.

- The University teams, comprising the winners of North Zone Inter Varsity Youth Festival, participated in various items in National Inter University Youth Festival held at Maharishi Dayanand University, Rohtak from February 2 to 6.
- Two Camps were organized for preparing teams for participating in the forthcoming North Zone Inter University Festival and National- Inter University Festival.
- Two workshops for Youth Coordinators of different colleges, i.e., Five Days Theatre Workshop and Five Days Folk Art Workshop were organised by the Department.
- The Department organised five cultural programmes for seminar/conferences organised by Zoology Department, Biotechnology Department, University Computer Centre, Sarb Bharti Conference and International Conference of Bhasha Vigyan Punjabi.
- The Department organised Three Kavi darbar during the year, i.e., Shabad Guru Mahima Kavi Darbar, Sarab Bharti Tre-Bhandi Has Viyand Kavi Darbar and Sarab Bharit Tri-Misra Kavi Darbar.
- A Musical Program under Vidyarthi Chetna Lehar for creating awareness about Music was organized on 2 May 2009 in collaboration with Sarthak Music World, New Delhi.
- The Department organized an educational tour to Manali and Manikaran Sahib from 29 June to 2nd July 2009 for the Inter University winner students.
- In an effort to preserve the original content and form of Folk Dances of Punjab, The Department in collaboration with Punjabi Bhasha Vikas organized trials for Gidha and Sammi on 7th July to select students for future Workshops for the same.
- The Department launched “Mangalkamana”-A cultural evening for the Campus residents on the first Tuesday of every month, the first time programme being held on October 6.
- A Folk Festival was organized in the University Campus on February 26 to 27.
- A literary program was organized by the Department in collaboration with National Book Trust on January 25.

Section B**1. Activities Reflecting the Goals and Objectives of the Institution**

Department wise Activities

Faculty of Arts and Culture	
Department	
Dance	To promote Indian Classical Dance Kathak. To conduct workshops, lecture-cum-demonstrations etc.
Fine Arts	Regular classes, provision for consultation hours, student's seminars, monthly tests, practical assignments, educational tour to National Museum and Art Galleries, lecture/demonstrations of eminent artists and art historians of India and abroad, workshops and visit to the personal studios like Garhi, Surajkund etc. Education tour to Andretta (HP) and interaction with the family members of S. Sobha Singh and visit to his personal Art Gallery.
Gurmat Sangeet	Punjabi University is the first University that has established Department of Gurmat Sangeet for the promotion and propagation of Gurmat Sangeet through teaching and research. The main activities for the development of this subject include Regular Classes, Provision of Consultation Hour, Student's Seminar, Practical Community Service, Annual Music Conference, Music Competitions, Workshops and Special Lectures etc.
Music	The Department of Music organizes annual music workshops in order to give exposure to the students towards the traditional system of 'talim by guru-shishya parampra. The department also fully realizes its role towards the preservation and propagation of regional music tradition of Punjab by organizing Annual Folk Music Festival. It also has a recording of almost 50 hrs. of traditional music of Punjab.
Theatre and Television	Regular theory and practical classes, Appreciation Classes, Yoga classes and speech and body language classes. Three Assignments per semester. Two workshops and two theatre productions per semester.
Faculty of Business Studies	

Department	
Commerce	Besides academic, the department is actively involved in research related activities.
School of Management Studies	<p>Programmes already run by the Department</p> <p>MBA (Two years)</p> <p>MBA(CC) (Two years)</p> <p>Ph.D..</p> <p>The School of Management Studies, for the last 40 years has been academically responsive to the requirements of the Indian Industry. Flair for innovation and capacity for adaptation to the emerging corporate scenario have been the forte of the School. Ever since the School started the 2 years full time MBA programme, it has continuously remained alive to the needs of the Indian Industry and recognized it never ending task of bringing consistency by extending contemporary education services.</p> <p>It is a matter of pride that this school was the first in the country to introduce M.B.A. programme through correspondence, for senior army officers and working executives. This course serves as a measure of rehabilitation for senior army officers and at the same time helps working executives to enhance their knowledge and skills and consequently their careers. The department has been filling all its 100 seats since its beginning. The division of seats is in two categories, 50 seats are for the Business employees/others and remaining 50 seats are for Defence officers.</p> <p>Research is the life blood of any university. The department gives a lot of importance to research which is relevant to the local socio-economic conditions of the region in general The Department and faculty provides the required encouragement and impetus to the department which makes research related work more interesting and effective. As the department grows, the focus area will also expand and encompass the national and international issues. Since 1981 onwards the department has facilitated the completion of 95 PhDs. The programme has been designed to cater to the scholarly needs of working business executives and faculty members.</p>
Faculty of Education and Information Science	

Department	
Education and Community Services	The Department is actively involved in carrying out research work both at Ph.D.. level as well as PG level in the areas of elementary and adult education, secondary education, higher education, teacher education, giftedness, value education and human rights education. The research endeavors aim at providing inputs for achieving the goal of universal literacy, excellence in school /higher education.
Journalism and Mass Communication	Seminars, Workshops, film shows, field visits etc.
Library & Information Science	The Syllabi of teaching courses have been revised to meet requirements of the job market. Research is undertaken on cutting-edge themes such as information literacy, knowledge management, preservation and conservation etc. Collaboration has been established with IFLA and UNESCO.
Physical Education	The department organizes following activities the goals and objectives of the institutions. The curriculum facilitates development of all rounds, wholesome and balanced personality of an individual which include all the aspects of his personality i.e. physically, mental, social, emotional, intellectual, spiritual and cultural. Curriculum is designed in a such a manner that students learn more skillfully and effectively not only in exercises, games, sports and dances but also in all active life situations. Organize practical sessions which draw out the child's capacities and develop and train him in such a way that he becomes a useful, cultured and healthy member of the society.
Centre for Advanced Media Studies	B.Tech (TV, Film Production and Media Technology) Students organized a photo gallery at the Centre during Feb. 2010. Students of Post-graduate Diploma in Audio Visual Production produced 30 documnetaries/short film and organised 8 Road Shows for AIR Patiala during the session 2009-2010..
Faculty of Engineering	
Department	

University College of Engineering	Revision of curriculum after discussing the feedback from students, faculty and companies coming for campus placements. Strengthening of computer labs, Digital and Analog Circuit labs, and Digital System Design labs. Organization of students activities like Group discussions, Seminars, Technical and Cultural festival, Model making (working & non-working) for personality development of students. Organization of short technical courses, in house summer training for better placement of students.
Faculty of Languages	
Department	
English	The Department encourages research and teaching in tune with current International/National trends and requirements
Hindi	The department organizes discussions on different topics in which students participation is must so that they can have command on Language, expression and analytical approach. Monthly tests and assignments are regular feature.
Linguistics & Punjabi Lexicography	The Department conducts M.A., M.Phil. and Ph.D.. courses in Linguistics. Short term courses, Crash Courses & Diploma Course in Punjabi as a Foreign/Second Language are also being run by the Department. To prepare different types of dictionaries related to Punjabi language is one of the major thrust areas of this Department.
Persian, Urdu and Arabic	Teaching and Research work Courses P.G. (Semester System). One Year Diploma Course Certificate Course Ph.D. in Urdu and Persian with reference to contribution of Punjab in the field of Urdu Persian Literature.
Punjabi	The department has organized a Research workshop from 22 to 25 March, 2010. During this four day workshop learned scholars from various universities delivered their lectures on different aspects of the research methodology for Ph.D./ M.Phil

	<p>degrees. Almost 100 research students have taken part in this workshop.</p> <p>The Department has established a Digital language lab worth Rs 804536 during this period. This language lab has the capacity of 25 students to learn the language skills on desktops with the help of language learning software.</p> <p>The Department is acting as the nodal agency for the teaching and research of Punjabi in all the concerned departments and affiliated colleges. The Department has 17 regular research scholars, 2 Post Doctoral Research fellows along with total 125 students registered for Ph.D..</p> <p>The Department has also established its Website. All the necessary information regarding the activities of the Department has been displayed on this website. Address of the website is- Punjabiuniversity.ac.in/punjabidepartment.</p> <p>The Department has organized a Kavi Darbar on dated 08-10-2009. The eminent Poets of Punjabi like Surjeet Patar, Anup Virk, Drashan Buttar, Kavinder Chand participated in this Kavi-Darbar.</p>
Sanskrit & Pali	To promote Punjabi language, comparative studies with Sanskrit are done in the form of research etc.
Faculty of Law	
Department	
Law (Evening)	Department organised Educational Tours, Trips, Legal Awareness Camp, Court Visits and participation in National Moot Courts.
Law (Morning)	Regular Classes, Provision of Consultation Hour, Students' Seminar, Internal Assessments, Home-Assignments, Court Visits, Legal Awareness Camps, Moot- Courts and Educational tours to visit Supreme Courts & High Courts.
Punjab School of Law	In view of globalization and liberalization of economic policies, there is great demand on the legal profession provide competent legal services of the highest order in diverse fields. In the present scenario, significance of legal education is not limited to dispute resolution, but it also extends its application for growth and development of society. There is also a need to develop
	responsive attitude and sensitiveness towards law to achieve all-round growth and secure ends of justice. The Punjab School of law lays emphasis on both teaching as well as training the students in the legal profession. The school has adopted the methodology of intensive and extensive class room

	teaching, involving active participation of the students. This is supplemented by clinical legal work like, participation in seminars, working on assigned projects, Client counseling, brief preparation, moot court presentation, court visits etc.
Faculty of Life Sciences	
Department	
Biotechnology	This department is engaged in preparing skilled manpower for Biotech. and food Industry. Guest lectures have been delivered by invitees from academia and Industry. Educational tours have been conducted to following industries and institutes NDRI, Karnal, HPMC, Parwanu, Solan Brewery, Mushroom Cultivation Farm, Solan, Dr. Y. S. Parmar University, Nauni for M.Sc. Biotechnology and M.Sc. (MFT) students.
Botany	Departmental curricula is designed as per the mission and goals set up by the University from time to time like imparting education to enable the students to generate their own employment or go for teaching/research career and also to serve the society. Stress is also to give opportunity to the rural candidates and also students from other states, so as to give higher education to more rural students and students of other states to strengthen the bonds of national integration.
Human Biology	The goal of the University is to prepare highly skilled manpower for research and academia. Various activities for fulfilment of the educational degrees and other activities like field work, educational trips, debates, seminars etc have been carried out to prepare students for research, teaching and health services.
Zoology	Teachers of the department attended several national and international conferences. Three new research projects began in 2009-2010.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug	Imparting continuing education to the undergraduate and post graduate students through theory and practical classes and

Research	problem based learning workshops. The PG students are exposed to conceiving a research idea, proposing a hypothesis, designing of experimental protocols and execution of the planned work in the final year of their course.
Physiotherapy	Teaching of UG & PG students in Physiotherapy Course consist of Clinical, Theory and Practical Research work performed at PG and PhD.
Sports Science	This is the first department to start M. Sc. in Sports Sciences in North. The knowledge of many scientific disciplines has been applied to sports. The expansion of the application of scientific techniques and principles have expanded so widely that the various scientific disciplines applied to sports have been clubbed together to form Sports Sciences. Following courses are being run by the department M.Sc. Sports Sciences (2 years). Ph.D.
Faculty of Physical Sciences	
Department	
Chemistry	The main goal of the department is to produce the chemists with new orientation in the various diversified fields of both technology and allied areas depending upon the growing and increasing demands. Hence the department is running M.Sc. Chemistry in Physical, Inorganic, Organic chemistry and M.Phil. course.
Computer Science	Keeping the main educational goal as to prepare students for research and teaching careers, either in universities or in industry, the major activities of the Department consist of Teaching and Research. The Department is presently running three post graduate courses M. Tech. (CSE), M. Tech. (ICT) and M. C. A. with the total strength of more than 390 students. The main highlights are 2 Ph. D. degrees Completed: 11 Ph. D. scholars registered in the academic year. 37 M. Tech. research projects guided in the areas such as
	Computer Networks, Image Processing, Software Engineering and Natural Language Processing. 25 students placed in the software companies like Infosys, Tech Mahindra, Newgen and Quark during the year 2009-10 Revision and Updation of syllabi as per the industry needs.
Forensic Science	To be included at the central level.

Mathematics	To provide latest teaching/research of new subjects/papers to the students.
Physics	The department is running the following three Post-graduate courses M.Sc. Physics M.Sc. Applied Physics M.Sc. Astronomy and Space Physics The goal of these courses is to prepare the students for National/International programmes like M.Phil, Ph.D., NET, M.Tech, GATE etc. The main emphasis of these courses is to make the post-graduate students fit for placement on various faculty positions in academic institutes and as efficient technocrats-cum scientists in industries.
Statistics	To develop the formulation and train the person for its proper implementation for solvings the problems faced in modern life
University Computer Centre	Please see the attached “Annotated Profile of Computer Centre”. Appendix –A
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	The programmes and activities of the department are organised to achieve the objectives/goals of the university as per the directions given/ approved by various administration/academic bodies of the university and UGC i.e regular classes, consultation periods, seminars, internal tests, assignments and lectures and army cantonment visits.
Economics	Regular classes, provision of consultation period, seminars of students, monthly tests (3 per semester), assignments, Industrial visits, tours and excursions.
Geography	To improve the standards of Ph.D. research in the University, Ph.D. Entrance Test was conducted. Guiding and inspiring students to do the applied courses of Remote Sensing and G.I.S, and Town and Country Planning.
History	Activities Regular Classes, Provision of Consultation Hours, Students' Seminars, Tutorials, MST (Three internal tests per Semester),

	<p>Assignments etc.</p> <p>Objectives Its main objectives is to promote teaching and research in the history and culture of the Punjab The Department is oriented towards innovations in the teaching of history at post-graduate level and for research at M.Phil and Ph.D. levels. Faculty specializations cover all fields of Indian History consequently span of research is also very extensive.</p> <p>Thrust Area In fulfillment of the objectives of the Punjabi University, the department has been laying special emphasis on the study of history and culture of the Punjab by introducing one compulsory paper each at M.A., Part-I and M.A. Part-II levels as also by encouraging research in this area. Emphasis is also on the study of socio-economic and cultural history of Medieval and Modern Indian history as also National Movement . A special paper on History, Its Theory and Methodology has also been introduced to create a base for research among scholars. Over 170 scholars have got their M.Phil and over 65 scholars their Ph.D.. degree from this department. Our students have been doing well in the U.G.C. NET Test for Lectureship. Many of our students are well placed in their profession of their choice particularly teaching at College and University levels. Some of them have also made it to the Indian Administrative Services and Provincial Civil Services.</p>
Philosophy	Major thrust areas in teaching and research are Classical Indian Philosophy, Applied Ethics, Sikh Philosophy, Philosophy of Culture, Philosophy of Science and Contemporary Western and Indian Thought. Medium of Instructions is Punjabi also. Research work is also carried out in Punjabi along with English.
Psychology	<p>The various goals and objectives of the department are reflected in the following areas:</p> <p>Academic Excellence The students are encouraged to bring the best out of them. Seminars and Presentations are a part of curriculum and are</p>
	<p>mandatory for all the students. Internal exams are conducted regularly, which is a part of the final assessment. Semester system has been incorporated, which keeps the students updated and gives them more subject options to study in one year.</p> <p>Applied Significance The counseling cell of the department is providing free Counseling Services and Psychological Testing to the university students, employees and the people from outside too. Psychofest” is conducted every year to spread the awareness of</p>

	<p>the availability of the Psychological help within reach. This year it included 3 workshops, 6 testing and counselling cells. The central theme was "Towards Achievement and Success". Rural camps are organized every year. This year, it was organized at Dehla Sihan, where Testing and Counseling was provided in the areas of old age and youth problems, hygiene concerns, addiction problems, HIV concerns etc.</p> <p>Research Acumen The students of M.Phil.and Ph.D. are working in diverse areas of Psychology-Social, Organizational, Clinical, Developmental, Sports, Personality, Education etc.</p>
Political Science	Regular classes, Seminar, Monthly tests (Three Per Semester), Assignments etc. Research is being undertaken on important aspects related to International Politics, National Politics, State Politics, Political Thought and Political Theory.
Public Administration	Regular Classes, Provision of Consultation Hour, Student's Seminar, Monthly Tests (Three per Semester), Assignments. Research Undertaken in important areas like Indian and State Administration, SC women leadership in PRIs, Women Empowerment, Labour Welfare, RTI etc.
Religious Studies	Regular Classes, Tutorial Periods, One to One Personal Discussion with Teachers, Interfaith dialogue programmes, assignment for every papers. Visit to Religious places of different Religious Traditions. Lectures programmes and Seminar were also conducted.
Social Work	The Department of Social work apart form usual class room teaching has an integral field work program where 40% of the time of the students is utilized in the real life situation. To achieve the objectives of academic research and extension, Department places its students in various field work agencies in and around Patiala city. These include areas like rural/urban/community development, women's development, child non-formal education, social education, functional literary,
	applied nutrition, youth development, Human Rights, environment protection, income support programmes, schools, family services, de-addition services, and recreation programmes.
Sociology & Social Anthropology	The Department of Sociology and Social Anthropology is offering courses dealing with sociological and anthropological theories and the field oriented papers to the students. Also offers PG Diploma course in media research. Department conducts research projects and offer Ph.D on topics dealing with the

	various aspects of society and culture. Department organizes seminars and discussions on relevant socio-political issues. The main focus is upon rural society. The department has finished a research project on ethnographic study of the De-notified and Nomadic Tribes of Punjab.
Womens' Studies Centre	The main objectives of the centre are to help bring out a cultural shift in attitudes/values in society regarding women's role and rights, to promote sensitivity and awareness among men and women of the need to develop capacity building of women, to bring University education closer to burning social issues, to conduct Research/Project on gender issues and to understand field action projects and extension activities, to compile regional data bank of research on women studies, to develop data base to strengthened struggle for gender equality, to update University curriculum by incorporating gender studies in undergraduate and postgraduate classes, to promote cooperation with different disciplines in teaching, curriculum design and extension activities, to encourage networking, cooperation and clustering with NGOs, Neighbourhood campuses and other colleges for the development and better understanding of gender issues.
Distance Education Department	
Distance Education	Bilingual Courses Reaching the unreachable Imparting Education through Distance mode Offering regional language as the medium of instruction and examination
Research Departments	
Department	
Development of Punjabi Languages (DPD)	DPD was established for the overall Development of Punjabi Language. The department organises Conference/ Seminars/ Special Lectures. A Special Lecture Dr. Harbhajan Singh Deol, was organised on The Mother Language Day on 22 February, 2010. The Theme of the lecture was Bhashayee Sanghwad de Antargat Maat Bhasa di Sathiti. The Department organises the 26th International Punjabi Development

	<p>Conference on 27-29 January,10. The Theme of the conference was Punjabi Bhasha Vikas de Badlde Pripekh. S. Baljeet Singh Lalli, CEO, Parsar Bharti, New Delhi inaugurated the conference. Sh. Varinder Walia, Chief Editor of Punjabi Tribune delivered the Key-Note address. Over 350 delegates from India and abroad attend the Conference Look a serious note of the issues raised in the conference deliberation and all promised for a better future of the Punjabi Language.</p> <p>A Culture Evening of Punjabi Gyaki was organized on 27th January, 2010. Punjabi Gayak Hans Raj Hans recites Punjabi Folk.</p>
Professor Harbans Singh Encyclopaedia of Sikhism	<p>Professor Harbans Singh Department of Encyclopaedia of Sikhism is mainly a research department. The main objective of the department is to produce Encyclopaedia of Sikhism. The English version of the Encyclopaedia has already been prepared. To make it accessible to the Punjabi readers, the department is now working to prepare it in Punjabi language. The department has already produced its first volume. The translation of the second volume is in progress and will be Completed: in near future.</p>
Punjab Historical Studies	<p>Aims Promotion of the Punjab History & Culture the department publishes a</p> <p>Bi-annual journal The Panjab Past & Present, April and October every year to develop research work</p> <p>Proceeding of Punjab History Conference which include Presidential addresses of different sections and History papers presented by seminarians are published by the Department. Furthers, Department organises publishes.</p> <p>Prof. Sita Ram Kohli Memorial Lecture in March.</p> <p>Professor Ganda Singh Memorial Lecture in December.</p>
Punjabi Literary Studies	<p>The main aim and function of Punjabi Literary Studies Department is to promote Punjabi Literature and Language by</p> <p>providing a scholastic vision of Punjabi Literature through its prestigious research work. The prime concern of this department is to produce reference books, such as Dictionaries of various languages, professions and art of living in providing books on History of Punjabi Literature, Punjabi Literary criticism, translations, monographs of eminent scholars and writers and bringing out esteemed Bi-annual research Journal under the title Khoj Patrika. In the field of research, Punjabi Literary Studies Department has tried its hand in all fields of Punjabi Literary genres like Poetry, Plays, Stories, Novels, Biographies, Pen-sketches, Travelogue and in editing of great scholarly works. This Department has played the major role in providing the</p>

	source material for the future studies of Punjabi literature.
Sri Guru Granth Sahib Studies	Publishing new books in the field of theology, philosophy, and history etc.
Institute of Advanced Studies in Comparative Religion Dr. Balbir Singh Kendra (Dehradun)	Comparative study of Religious disciplines and Study of Sikh Scriptures.
Maharishi Valmiki Chair	The Chair is purely a research department hence research is a significant activity in the department . The thrust areas of research concern Maharisi Valmiki and his writings such as Ramayana, Yogavasistha Maharamayana etc.Initiation of a few projects like prepration of 'Ramayan padanukranimka Concordance' has enabled the department to stand in line with other reputed institutions like VVRI Sadhu Ashram, Hoshiarpur and ISIS Kurukhetra. Such research activites of the department are reflecting the goals and objectives of the institution.
Gurmat Sangeet Chair	Punjabi University has established Gurmat Sangeet Chair for the revival, research and propagation of Gurmat Sangeet. Sant Sucha Singh Archives of Music Gurmat Sangeet Chair has taken up the task of preservation and presentation of Gurmat Sangeet with the help of modern gadgets and techniques. Under this program, an audio-visual archives of music is being established that is preserving recording of Classical music, Sufi music, Punjabi folk music and Indian Kirtan traditions especially Shabad Kirtan traditions of Gurmat Sangeet. Bhai Randhir Singh On-line Gurmat Sangeet Library. An online
	library in the memory of Bhai Randhir Singh is being established by Gurmat Sangeet Chair that has taken up the task of digitization and online availability of books, souvenir, articles, research papers of Gurmat Sangeet and Bhai Randhir Singh books. Along with these research programmes, main activities of Gurmat Sangeet Chair include Annual Music Conference, Gurmat Sangeet Competition, Classical Music Festival etc.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi	Our Institution caters to the rural population of an educationally

University Neighbourhood Campus, Karandi (Mansa)	backward area, During the year 2009-10, maximum attention was paid to this area.
Punjabi University Neighbourhood Campus, Jatio (Faridkot)	Excellence in Teaching
Punjabi University Campus Maur (Bathinda)	To provide higher education to the rural students of backward area of the Malwa region of Punjab by introducing those courses of management and computers which provide direct and easy job opportunities.
College of Engineering Punjabi University Neighbourhood Campus, Rampura Phul	Our Mission to impart quality higher education to develop the citizens with knowledge skilled characted and national development. Goals To provide leadership in higher education by imparting quality and socially relevant knowledge To promote education programmes in various discipline of knowledge interacting with society and industry to develop skills of students to equip them to face changing society. To inculcate values of equality, unity and justice.
Law	Regular Classes, Provision of Consulation Hour, Students Seminar, Two Internal tests per semester, Home Assignments, Court Visit, Moot Court, etc.
Punjabi University Regional Centre For Information Technology and Management, Mohali	The centre has been set up with an aim to provide quality education in the fields of management and computer applications.
Department of Education Punjabi University Regional Centre, Bathinda	The Department is offering B.Ed. and M.Ed. courses. Therefore, it is engaged in professional training of teachers and teacher educators.

Punjabi University Guru Kashi College, Damdama Sahib (Distt.-Bathinda)	The College is imparting training in the field of Art, science, commerce and computer at Graduate level. The college is also running job oriented PG Diploma i.e. PGDCA. Besides some job oriented subjects like Psychology, Economics and Principles & Practice of Insurance are also being run at degree level.
Punjabi University School of Business Studies Guru Kashi Campus, Talwandi Sabo	The campus is engaged in imparting management education to the students of rural area. Presently, the campus is running two year MBA programme and MBA (IC) Five year programme.
Yadawindra College of Engineering, Talwandi Sabo	About 178 Meritorious Rural Students admitted under Golden Heart Scheme. New softwares, hardwares and infrastructural facility added. Laboratories upgarded for research scholars and students. Research Lab in Mechanical Engg established under DST project

2. New Academic Programmes Initiated (UG and PG)

The following new courses were started during academic session 2009-2010 in the University departments are as under:

Sr.No.	Name of the Department/Centre	Name of the course
1	Centre for Advanced Media Studies	B.Tech. T.V. and Film Production. 3-Month Evening Certificate Courses in videography and Video Editing.
2	University College of Engineering	M.Tech. (Computer Engineering) M.Tech. (Electronics and Communication Engineering) M.Tech. (Mechanical Engineering)
3	Forensic Science	Certificate Course in Fingerprint Technologies (for six month course)

3. Innovations in Curricular Design and Transaction

As per University regulations, there must be regular meetings of both the Undergraduate and Postgraduate Boards of Studies. The syllabi are thus revised every third year of each class keeping in view the emerging trends in the subjects and the UGC guidelines (if any). The steps taken during the current year are summarized below:

Faculty of Arts and Culture	
Department	
Dance	Co curricular activities various kinds of dance classical, folk, contemporary, ballets, fusion etc.
Fine Arts	Miniature Painting is continued with in the curriculum. This subject is being taught at University level within the Punjab Region. Other options within the syllabus will be provided in the coming session.
Gurmat Sangeet	The training of instruments Rabab, Dilruba, Taus has been specially introduced in the curriculum.
Music	The department has always strived towards revising the syllabi from time to time giving the students a chance to study Indian music in national as well as global perspective. Our syllabi are meticulously framed in order to meet the higher academic standards.

Theatre and Television	Our discipline needs constant innovations by teachers and students through personal and one to one interaction which is very rare in comparison to other disciplines.
Faculty of Business Studies	
Department	
Commerce	Regular updating of curriculum of various courses undertaken.
School of Management Studies	Department has revised syllabus for MBA (CC) and MBA regular in the light of current industry requirements.
Faculty of Education and Information Science	
Department	
Education and Community Services	Use of educational technology in teaching-learning process, training of students in use of internet facilities for academic and research purpose.
Library & Information Science	Syllabi for MLISc and BLISc courses were revised according to UGC Model Curriculum. Latest developments in the field of LIS have been incorporated into the syllabi.
Physical Education	The department revised the syllabus of Master of Physical Education as per the latest trends and requirements in the year 2009-10
Faculty of Engineering	
Department	
University College of Engineering	The scheme is revised and new subjects are introduced based on the latest trends and feedback from the various bodies.

Faculty of Languages	
Department	
English	Updated the curriculum for M.A. in the light of latest trends and, accordingly, included Gender Studies and European Fiction. The M. Phil. syllabus has also been revised recently.
Hindi	Keeping in view the need of different jobs related with Hindi Language, we redesigned the P.G. syllabus and made the Functional Hindi paper compulsory, where as it was optional till now.
Punjabi	All the needful minor and major changes are made in the curricular designs of UG and PG courses. During this period four new books entitled 'Katha Sansar', 'Samkali Punjabi Natak', 'Lokdhara di Bhumika', 'Samkali Punjabi Kavita' and 'Sabhaychar te Vichar' have been edited and published for the UG course.
Sanskrit & Pali	Introduction of internal assessment on the basis of assignments and seminars etc. has encouraged students to develop confidence and interaction with teachers. Maximum P.G. Syllabus had been planned as per UGC model.
Faculty of Law	
Department	
Law (Evening)	The curriculum has been designed according to the rules and directions of Bar Council of India.
Law (Morning)	Revised Syllabi of LL.B (Three Years Course), LL.B. (Five Years Course) & LL.M to meet the needs of globalisation.
Punjab School of Law	The syllabus is revised every year by the Board of Studies and topics covering latest development are incorporated in the syllabus.
Faculty of Life Sciences	
Department	
Biotechnology	Curriculum has been upgraded with addition of latest topics in a number of papers like molecular modeling, functional genomics, bio-safety and commercial biotechnology, IPR, functional genomics, microbial genetics and DNA technology and bioinformatics and computational biology.

Botany	Competition of various academic (seminars, tutorial, permanent slides, plant albums, etc.) and other curricular activities (paper reading contest, extempore speech, pencil sketches and photographs of Botanical interest, etc.) is a regular feature of the M. Sc. programme.
Zoology	Major revisions done in the syllabi of M.Sc. I & II during 2007-2008, 2008-2009 were carried forward to 2009- 2010.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Syllabus of B. Pharm. and M. Pharm. had been revised for implementation from 2010-11 session.
Sports Science	The students of M.Sc (Sports Sciences) provide consultancy to the sports persons regarding their training programmes. The pass out students of M.Sc who appear for NET examination may suggest for the review of the curriculum according to the syllabus of the NET examination conducted by UGC.
Faculty of Physical Sciences	
Department	
Chemistry	M.Sc. and M.Phil. Syllabus are updated after every two year.
Computer Science	The Curricula of MCA and M. Tech. courses were updated and revised as regard to latest technical requirements of the industry and inter-disciplinary subjects were also included based on feedback of faculty and students through the Board of Studies. Minor Projects and Seminars were introduced in different semesters of MCA course.
	The Department introduced the centralized system for the conduct of internal examinations.
Mathematics	The new course B.Sc. (MCM) is an innovative and unique course started by the Department. This course has been designed first time in any University all over the Globe.
Physics	The department is regularly upgrading the syllabi of M.Sc. courses keeping in view the National/International programme's syllabus like NET, GATE etc. New syllabi of

	M.Sc.(Nanotechnology) has been designed.
Statistics	Syllabus of M.Sc.(Statistics) and B.Sc. (CSM) have been updated according to the UGC guidelines and current demand in modern life
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Syllabus revised and updated as per UGC guidelines and contemporary trends in the subject. A new optional paper on 'Disaster Management' was introduced.
Economics	The existing syllabi are already as per UGC norms.
Geography	Curriculum has been designed as per U.G.C. guide lines.
History	The department has updated the syllabus of M.A. classes and M.Phil classes conforming to UGC Model Syllabus and UGC NET and other competitive exams. Syllabus B.A. History Honors prepared
Philosophy	To meet the intellectual requirement of the contemporary academic needs and to build a strong theoretical base changes have been made in Sylabi.
Psychology	The syllabi are updated every year depending upon the newer trends of contemporary times and various new options are offered, as per needs on the demand of students. We offered 8 options for specialization to M.Sc and M.Phil in the current year.
Political Science	Restructured the courses of UG, PG, M.Phil, Ph.D.
Public Administration	Restructured the courses of U.G., M.A. and M.Phil. incorporating the latest developments in the field and syllabus framed for the new PG Diploma in Human Rights & Duties.
Religious Studies	Interfaith Group Discussion Audio Visual classroom attachment fixed and Study Tours are conducted.
Social Work	The inputs relating to new emerging challenges of Social Work like Human Rights Education, Environment

	Conservation, Women Rights and Waste Management were introduced in the syllabus.
Sociology & Social Anthropology	The department organizes fortnightly film shows on socio-political themes as part of the course. Environmental Sociology and Social Problems. The film show is followed by a discussion on the themes of the film in which faculties from other departments also participate. This has proved to be useful in imparting the practical dimension of the coursework to students. We also take our student for field-work in each semester which forms an integral part of the syllabus.
Womens' Studies Centre	Syllabus for Post Graduate Diploma in Women and Child Development, and Post Graduate Diploma in Gender Studies-designed.
Distance Education Department	
Distance Education	Combining printed material with video lessons, and methods & techniques being developed for sending study material online.
Punjabi University, Neighbourhood Campuses/Regional Centre/Colleges	
Punjabi University Regional Centre For Information Technology and Management, Mohali	The decision regarding revision of syllabus are taken by the Board of Studies.
Department of Education Punjabi University Regional Centre, Bathinda	Along with lecturing, the teachers of the department make use of group discussions, seminars, demonstrations etc. for curriculum transaction.
College of Engineering Punjabi University Neighbourhood	The decision regarding revision of syllabus are taken by the Board of Studies.

Campus, Rampura Phul	
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4. Inter-disciplinary programmes started

Faculty of Arts and Culture	
Department	
Theatre and Television	The given study course is itself a collaborative art which includes Music, Dance, Fine Arts and Literature hence, is inter disciplinary.
Faculty of Education and Information Science	
Department	
Library & Information Science	Faculty undertakes joint teaching & research initiatives at individual level.
Physical Education	The department organized 3 months certificate programme in yoga and health for all the university students of various departments.
Centre for Advanced Media Studies	Media Technology started with cooperation with EMMRC and Theatre and TV Department.
Faculty of Languages	
Department	
English	The Literary Theory component of M.A. and M. Phil. lays due stress on studies of contemporary culture and society.
Hindi	The Department has got the following Inter-Disciplinary P.G. Diploma Course from academic session 2010-11.
Linguistics & Punjabi Lexicography	To encourage interdisciplinary perspective. A graduate with any stream allowed to seek admission in M.A.

	Students with M.A. in any language /allied subject allowed to seek admission in M.Phil. M.A. Students can select 25% of courses in other allied Departments.
Punjabi	In this Year the Doctoral research in Inter-Disciplinary areas had been undertaken. The new area which is recently added is Media and Cultural Studies.
Sanskrit & Pali	Inter-disciplinary programme like linguistics has always been a part of the postgraduate syllabus. Sanskrit translation of English Shakespeare drama is taught in M.A. Part II Sanskrit.
Faculty of Law	
Department	
Law (Morning)	Delivered lectures in different Departments and Institutions.
Punjab School of Law	Department invites Senior Guest faculty from the various departments to teach allied subjects i.e. English, Political Science, Sociology, Economics, History, Punjabi, Punjab History & Culture.
Faculty of Life Sciences	
Department	
Botany	Teaching in the subject of Cell Biology Paper to the students of M. Sc. Chemistry department and Forensic Biology & Serology Paper to Forensic Science students of our esteemed University.
Human Biology	Already in progress with Christian Medical College (CMC) Ludhiana, Govt. Medical College (GMC) Patiala, ASI, Mysore and Department of Anthropology, Delhi.
Faculty of Medicine	
Department	
Sports Science	The aim of the department is to provide basic Sports Science manpower and Sports Science literature. Therefore, Departmental research Board has suggested to add M.Sc. Sports Coaching as well as M.P.Ed the allied subjects for doing Ph.D. In sports Sciences.

Faculty of Physical Sciences	
Department	
Chemistry	Faculty members are invited for lecture in various departments UCoE and IAS coaching center, Punjabi University, Patiala.
Mathematics	The Course B.Sc.(MCM) is a multidisciplinary course started by Department of Mathematics.
Faculty of Social Sciences	
Department	
History	Punjab History Conference organised by the Punjab Historical Studies and History department jointly in March which is an annual feature. Being interdisciplinary in nature these seminars and conferences were held in co-ordination with different departments of the University.
Religious Studies	Interfaith Dialogue
Social Work	Started PG Diploma in HIV/AIDS Counselling through Distance Mode in Collaboration with Department of Distance Education.
Sociology & Social Anthropology	The department has also taken initiative in encouraging students to undertake allied courses (e.g. Social Psychology) from other departments to promote interdisciplinary approach to social sciences.
Distance Education Department	
Distance Education	Diploma in HIV/AIDS Counselling
Punjabi University, Neighbourhood Campuses/Regional Centre/Colleges	
Punjabi University School of Business Studies Guru Kashi Campus,	As per university rules.

Talwandi Sabo	
Yadawindra College of Engineering, Talwandi Sabo	Mr. Jagtar Singh, Dr. Hazoor Singh and Mr. Gianetan Singh Sekhon are members of Board of Studies, Punjabi University, Patiala. They regularly participate in the meetings held at Punjabi University, Patiala for curriculum design and updation. M.Tech syllabus and B.Tech. syllabus of Punjabi University Patiala is revised every year in the meetings of Board of studies, Punjabi University, Patiala.

5. Examination Reforms Implemented.

The different aspects covered are as follows:

Computerization of Examination Branch

With effect from November/December, 2010 the Examination Branch is all set to switch over to computerization of the entire work which includes processing of the data given by the students in their examination forms, scanning of the awards given by the examiners after evaluating forms, scanning of the awards given by the examiners after evaluating the answer-books and finally preparation and declaration of results. For executing all these jobs a scanner has been purchased and installed in the Computer Lab. supported by required number of computers and printers. The company has imparted training for scanning to the Computer Lab. staff. This is being done to give results to the students in a minimum possible time so that there is no problem to the students to plan their future activities.

The results of all the examinations are being displayed at the University website (www.punjabiuniversity.ac.in) immediately after these are declared.

All the examination related information including date-sheets is being displayed on the University website regularly.

To involve faculty members of the university Departments in the conduct of examination, a Duty Roaster at the Departmental level has been prepared by the respective Heads of the Department. Similarly, evaluation of the answer-books within the stipulated period at the centralized evaluation centre especially established for the purpose has been made compulsory for teachers of the University.

With a view to strengthen the invigilation at the examination centres, more Flying Squad Officers are being appointed. This kind of strict invigilation has helped greatly in conducting the exams smoothly and any kind of nuisance has come to a negligible point.

All Gazette Notifications and Detailed Marks Cards are prepared on the computer.

The examination forms and the front page of the answer-books have been redesigned so as to pick up the data by the scanner for generating cut-lists, registration of students and roll numbers of the students.

New computers have been added to the Computer Lab., Verification Cell, Conduct Branch and Practical Branch.

Evaluation of Answer-books

In order to expedite the declaration of results, new procedure has been evolved. Under this system evaluation of answer-books is Completed:in 4 weeks from the date of termination of examination and the results are declared forthwith.

Re-evaluation of Answer-books

A new re-evaluation system has also been evolved and implemented. Under this system the re-evaluation process of answer-books is Completed: within one month from the date of submission of evaluation form and the revised result is given to the students. This system has helped the students a lot to chalk-out their further course of action regarding study.

Setting-up of Table Marking Centre

New building has been constructed by the University in which table marking centre has been set up. The idea behind this arrangement is that minimum possible time should be spent on evaluation so that awards are ready for compilation of results.

6. Number of Candidates Qualifying NET/JRF/SLET/GATE etc.

Faculty of Arts and Culture				
Department	NET	JRF	GATE	SLET
Dance	02			
Fine Arts	06			
Theatre and Television	03			
Faculty of Education and Information Science				

Department	NET	JRF	GATE	SLET
Education and Community Services		05		
Physical Education		02		
Faculty of Languages				
Department	NET	JRF	GATE	SLET
English	02			
Hindi	01			
Punjabi	07	03		
Sanskrit & Pali	01			
Faculty of Law				
Department	NET	JRF	GATE	SLET
Law (Morning)	02			
Faculty of Life Sciences				
Department	NET	JRF	GATE	SLET
Biotechnology	05		07	
Zoology	01	01 (IFS)		
Faculty of Medicine				
Department	NET	JRF	GATE	SLET
Pharmaceutical Science & Drug Research		13 (GPAT)		

Faculty of Physical Sciences				
Department	NET	JRF	GATE	SLET
Chemistry	01			
Forensic Science		08		
Physics	03		03	
Faculty of Social Sciences				
Department	NET	JRF	GATE	SLET
Defence & Strategic Studies				
Economics	03			
Geography	01			
History	01			
Political Science	01			
Religious Studies	09			
Sociology & Social Anthropology	03			
Punjabi University Neighbourhood Campuses				
Department	NET	JRF	GATE	SLET
Punjabi University Campus Maur (Bathinda)	01			
Law	-	01	-	-

7. Initiative Towards Faculty Development Programme

Faculty of Arts and Culture

Department	
Dance	The following faculty members participated in the faculty development: Dr. Daisy Walia-organized workshops. Dr. Indira Bali organized workshops, attended Refresher course. Dr. Simmi organized workshops attended Orientation. Dr. Aarohi Walia-Organized workshops, attended Orientation. Dr. Dpanwita S. Roy-Organized workshops.
Fine Arts	Dr. Ambalicka Sood Jacob, Lecturer participated in U.G.C sponsored IUC Associate ship in IAS, Shimla from Ist of November 30 th 2009. Refresher course ASC, Rajasthan University, Jaipur from 12th of December 2009 to 2 nd January, 2010.
Theatre and Television	Namrata Sharma, attended an Orientation Course.
Faculty of Business Studies	
Department	
Commerce	A Refresher Course was hosted by the department in co-ordination with ASC of the University in February 2010 Prof. J.S. Pasricha acted as Course Coordinator for the same.
School of Management Studies	Mr. Dheeraj Sharma, Mrs., Ratinder Kaur, Mrs Raminder Kaur attended Refresher Course in the previous session.
Faculty of Education and Information Science	
Department	
Education and Community Services	Dr. P.K. Sandhu, Dr. Jasraj Kaur attended refresher/orientation courses.
Journalism and Mass Communication	Dr Happy Jeji Lecturer, attended orientation course in Jan., 2010

Library & Information Science	Through Participation of faculty in Inter-disciplinary workshops and Conferences
Physical Education	Department organized workshop, conference, short duration training camp, yoga camp for faculty members and motivated them to attend such programs at various places.
Faculty of Engineering	
Department	
University College of Engineering	<p>Teachers are sent for orientation courses and refresher courses. Some teacher pursuing their Ph.D.. are also allowed to go on study leave. Faculty is also encouraged to attend Conferences/Seminars.</p> <p>Conferences attended by faculty members Dr I.P.S. Ahuja, Reader, Mechanical Engineering, Presented Research papers in national conference Kanwarpreet Singh, Amardeep Singh & I.P.S. Ahuja, “A comparative review of TQM and TPM quality drives”, pp. 133 – 138. National Conference on Advances in Mechanical Engineering (AME-2010), Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Feb. 26 – 27, 2010.</p> <p>Doordarshi Singh, J.S. Oberoi and I.P.S. Ahuja, “Role of dynamic capabilities in manufacturing industry A review”, pp. 139 – 143. National Conference on Advances in Mechanical Engineering (AME-2010), Baba</p>
	<p>Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Feb. 26 – 27, 2010.</p> <p>Dr Vinay Kumar Gupta, Reader, Mechanical Engineering, Presented Research papers in international conference V.K.Gupta and Tejeet Singh, “Effect of Anisotropy on Creep Behavior of Functionally Graded Cylinder”, Proc. of the 9th OPERATING PRESSURE EQUIPMENT Conference, Incorporating the AINDT Biennial Conference, held at Gold Coast, Queensland (Australia), 26th - 28th August, 2009, pp. 316-328.</p> <p>Tejeet Singh and V.K.Gupta, “Modeling Steady State Creep in Functionally Graded Thick Cylinder Subjected to Internal Pressure”, Proc. of the 9th OPERATING PRESSURE EQUIPMENT Conference, Incorporating the AINDT Biennial Conference, held at Gold Coast, Queensland (Australia), 26th - 28th August, 2009, pp.</p>

	<p>329-335 Vinod Kumar Verma, Lecturer, Mechanical Engineering, Presented Research paper in international conference Kumar, Vinod., Mohan, Narendra., and Khamba, J.S. “Development Of Cost Effective Agglomerated Fluxes From Waste Flux Dust For Submerged Arc Welding” World Congress on Engineering-2009, Imperial College, London, 1-3 July 2009, pp. 561-565. Presented Research paper in national conference Kumar, Vinod., Mohan, Narendra., and Khamba, J.S. “The effects of process variables on the penetration of submerged-arc weld deposits” National Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering , Yadwindra College of Engineering, Talwandi Sabo. (February 19-20, 2010). Kanwarpreet Singh, Lecturer, Mechanical Engineering, Kanwarpreet Singh, Amardeep Singh & I.P.S. Ahuja, “A comparative review of TQM and TPM quality drives”, pp. 133 – 138. National Conference on Advances in Mechanical Engineering (AME-2010), Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Feb. 26 – 27, 2010. Dr. Rakesh Kumar Conferences Attended International Convention on Solar Photovoltaic Technologies, October 5th, 2009 at Guru Gobind Singh Indraprastha University, New Delhi.</p>
	<p>Dr. Nidhi Gupta Lecturer (Chemistry) National seminar / conferences attended Synthesis and characterization of mononuclear transitional metal complexes using novel tetraaza macrocyclic ligands (oral) .2010 2nd National conference on recent advances in chemical and environmental sciences RACES-2010 Jan 22-23, MM Modi College Patiala Magnetic, spectroscopic and electrochemical studies of cobalt II macrocyclic complexes (poster) 2010. Feb 15 - 16 .National symposium on emerging trends in chemistry (NSTEC-2010) Dept Of Chemistry ,Punjabi University, Patiala Dr. Raminder Kaur National seminar / conferences attended Raminder Kaur, N.K. Verma and S.K. Chakarvarti, “Fabrication and Characterization of chromium nanowires” Proceedings of Workshop on</p>

	<p>Molecular/Organic electronic devices, Guru Nanak Dev University, Amritsar, pp. 72, Sept. 22-25, 2009.</p> <p>Dr. Anup Thakur Conferences attended Workshop on Structural Characterization of Materials, 29th June to 17th July 2009, at Department of Materials Engineering, Indian Institute of Science, Bangalore, India.</p> <p>Er. Gurpreet Singh, Lecturer ME Programme Officer, UCoE attended Orientation & Training Course from 15/01/10 to 24/01/10 at Training & Orientation Centre (Ministry of Youth Affairs & Sports), PUP.</p> <p>Dr. Lakhwinder Kaur, Reader (CE) International conference, "IEEE International Advance Computing Conference" Thapar Institute of Engg. and Technology (deemed to be university), Feb., 2010. National Seminar on "Recent Advances and Future Trends in Digital Image Processing", Punjabi university, Patiala, March, 2010.</p> <p>Dr. Raman Maini, Reader (CE) Research Publications in Journals/ Conferences Raman Maini and Himanshu Aggarwal," Performance Evaluation of Various Speckle Noise Reduction Filters on Medical Images," International Journal of recent Trends in Engineering," Vol(2) ,issue(1) Nov. 2009, Academy Publishers, Finland Raman Maini and Himanshu Aggarwal," Image Structure Preserving Noise Reduction Technique," International</p>
	<p>Journal of Computational Intelligence Research, Vol. 6(1), pp. 117-125 (2010) Raman Maini and Himanshu Aggarwal," A comprehensive review of Image Enhancement Techniques," Journal of Computing, Vo. 2(3), 2010. Raman Maini and Himanshu Aggarwal," Analyzing Roberts Edge Detector for Digital Images Corrupted with Noise," Vol. 2, No. 1, Jan 2010 Raman Maini and Himanshu Aggarwal," A comprehensive review of Storage technologies," National conference at Jaipur National University, Jaipur. Refresher course/ Orientation course Attended by Faculty members Dr Jasminster Singh Dureja, Lecturer, Mechanical Engineering, Attended a Short term course on "Perspective of Welding Technology" from 28th December 2009 to 2nd January 2010 at NIT Jalandhar.</p>

	<p>Parlad Garg, Lecturer, Mechanical Engg., UCoE Attended a General Orientation Course held at Panjab University, Chandigarh from 19th February, 2010- 18th March, 2010</p> <p>Laxmi Shankar Gautam, Lecturer, Mechanical Engineering, Attended a short term course on “Perspective of Welding Technology” from 28th December 2009 to 2nd January 2010 at NIT Jalandhar.</p> <p>Attended a short term course on “Enhancing Organizational Competitiveness in the Era of Globalization & Liberalization” from 4th Jan, 2010 to 9th January, 2010 at NIT Jalandhar.</p> <p>Dr. Raman Maini, Reader (CE) Attended a short term course of one week at NITTTR, Chandigarh from 25-31 May, 2009</p> <p>Ms. Harpreet Kaur Attended a short term course on Web Service from TTTIR, Chandigarh (20th April 2009 – 25th April 2009)</p> <p>Ms. Nirvair Neeru National Seminar on Recent Advances and Future Trends in Digital Image Processing Panjab University. Patiala March, 2010.</p>
Faculty of Languages	
Department	
Hindi	Department made a request to the Director, Academic Staff College for organising a Refresher course in Hindi
Punjabi	The Department organized a Refresher Course in Punjabi from June 16 to July 06 2009 course with the collaboration of Punjabi University Academic Staff College. Two senior lecturers of the department have also attended this Refresher Course.
Faculty of Law	
Department	
Law (Morning)	The teachers who attended refresher/orientation courses during year Dr. Manjit Singh Nijjar, Dr. Devinder Singla, Dr. H.R.

	Arora.
Punjab School of Law	The teachers of the Department keep on attending Refresher courses both general and relating to law.
Faculty of Life Sciences	
Department	
Botany	Dr. Geetika Sirhindi and Dr. Arneet Grewal attended a Refresher Course at Punjabi University, Patiala.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	The department had applied for organizing refresher course. UGC has sanctioned Refresher Course, which is scheduled to be organized by the department in Sept-Oct 2009. However, the course could not be conducted because of lack of minimum participants required as per UGC guidelines. As a routine, the faculty members are encouraged to participate in various orientation courses, refresher courses, workshops, symposia, etc. in various institutes to update their knowledge and sharpen their acumen.
Sports Science	Dr. Ashok Kumar attended Refresher Course conducted by Academic Staff College, Panjab University, Chandigarh. Dr. Anuradha Lehrai attended the Orientation Course conducted by Academic Staff College, Punjabi University, Patiala.
Faculty of Physical Sciences	
Department	
Chemistry	Every year National Seminar is held and all the faculty members are attending it.
Computer Science	Dharamveer Sharma attended a Refresher Course at ASC, Punjab University, Chandigarh, from 2 nd to 22 nd March 2010.
Mathematics	Three teachers of the department Dr.Navpreet Singh Noorie,Lecturer, Dr. Anjana Kaila, Lecturer and Ms. Rajni Bala, Lecturer attended a refresher course on Maths

	and Statistics organized by our department during May 3 rd to 22 nd 2010.
Physics	For the development of faculty, the department time to time motivates faculty members to participate in national and international conferences/ symposia/ workshops to share their research findings with internationally renowned scientists and academicians. During this year, Prof. H.S.Bhatti, Prof. Raj Mittal and Prof. B.S.Sandhu visited abroad to share their research ideas and to get new plans to enhance the already existing research facilities with latest techniques of research development.
Faculty of Social Sciences	
Department	
Economics	Dr. Sangeeta Nagaich attended Orientation Course from January 14, 2010 to February 10, 2010 at Academic Staff College, Punjabi University, Patiala.
Geography	A Refresher Course was organized by the Department from January 11 th to 30 th , 2010.
History	<p>All faculty members attended Punjab History Conference and others Conferences/ Seminars in Punjabi University Patiala.</p> <p>Dr Sukhninder Kaur Dhillon attended 26th International Punjabi Development Conference on Punjabi Language its Changing Patterns organized by Department of Punjabi Development , Punjabi University, Patiala from January 27 to 29, 2010 and also attended Punjab History Conference in March 2010.</p> <p>Dr Jaspal Kaur participated as Resource person in Refresher Course organised by Kurukshetra University in December 2009.</p> <p>26th International Punjabi Development Conference on Punjabi Language its Changing Patterns organized by Department of Punjabi Development , Punjabi University, Patiala January 27 to 29, 2010 and also attended Punjab History Conference in March 2010</p> <p>Dr Kulbir Singh Dhillon, 26th International Punjabi Development Conference on Punjabi Language its Changing Patterns organized by Department of Punjabi Development , Punjabi University, Patiala, January 27 to 29, 2010 and also</p>

	<p>attended Punjab History Conference in March 2010.</p> <p>Dr Mohammad Idris</p> <p>A Case Study of Syed Muhammad Latif, organized by Department of History, University of Kashmir, Srinagar October 26 to 27, 2009.</p> <p>51st Annual Conference organized by Indian Society of Labor Economics, New Delhi and Centre for South West Asia Study, Punjabi University, Patiala December 11 to 13 2009.</p> <p>International Symposium on Secularism & Non-Violence A Mandate for World Peace, Paper totled "Islam and Non-Violence" presented at organized by Department of Social Work, Punjabi University, Patiala December 17 to 18 2009.</p> <p>Two days National Seminar on Sufism and Sufi Literature organized by Department of Persian, Urdu and Arabic, Punjabi University, Patiala January 14 to 15, 2010</p> <p>26th International Punjabi Development Conference on Punjabi Language its Changing Patterns organized by Department of Punjabi Development , Punjabi University, Patiala, January 27 to 29 2010</p>
	<p>ICSSR Sponsored Seminar Role of the Punjab in Freedom Struggle of India 1857-1931 AD, organized by Khalsa College Amritsar, February 6, 2010</p> <p>UGC sponsored Seminar on Jallanwala Bagh Revisited, organized by Department of History, Guru Nanak Dev University, Amritsar March 3, 2010</p> <p>National Seminar on Composite Culture Reflections in Literature, Art and Architecture of Medieval India, organized by Centre of Advanced Study, Department of History, AMU, Aligarh April 6 to 8, 2010.</p> <p>Dr M. Idris edited Ain-i Akbari in Punjabi. This Project was given by Department of Punjab Historical Studies, Punjabi Univ. Patiala.</p> <p>Indian Institute of Advanced Studies, Shimla selected Dr Idris as Associate for three years 2008-2010</p> <p>Attended first spell of associate ship organised by Indian Institute of Advance Study, 1-6-2009 to 30-6-2009, Shimla.</p>
Psychology	Dr. Harprit Kaur attended a Refresher Course.
Political Science	Department organised a Refresher course in the month of September, 2009 under Academic Staff College, Punjabi

	University, Patiala.
Sociology & Social Anthropology	One teacher has acted programme coordinator NSS
Research Departments	
Department	
Development of Punjabi Languages	Dr. Yog Raj, Senior Lecturer, attended a refresher course 3-12-09 to 24-12-09 (Academic Staff College, Punjab University, Chandigarh). Dr. B.K.Sekhon, Senior Lecturer, attended a refresher course 3-12-09 to 24-12-09 (Academic Staff College, Punjab University, Chandigarh).
Department of Encyclopaedia of Sikhism	Two Special Lectures are organized by the department every year.
Sri Guru Granth Sahib Studies	Organised seminars, conferences and other academic activities.
Punjabi University Regional Centre, Bathinda	
Department of Education	Dr. Kamaljeet Singh attended a Refresher Course in Education at Punjabi University, Patiala. Mr. Surjeet Singh attended a Refresher Course in 'Value Education' at Kamauon University, Nainital. Dr. Raminder Singh attended a Refresher Course in Education at H.P. University, Shimla. Mrs. Rakshinder Kaur attended a Refresher Course in Education at Punjabi University, Patiala.
Punjabi University Guru Kashi College, Talwandi Sabo	The following teachers attended Refresher/Orientation programmes Dr. Anand Bansal, Lect. in Commerce. Dr. Munish Kumar, Lect. in Math. Sh. Amandeep Singh, Lect. in History. Smt. Usha Rani, Lect. in Computer Science.
Yadawindra College of Engineering, Talwandi Sabo	Conferences Organized National Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, February 19-20, 2010 (Sponsored by Department of Science & Technology, New Delhi and CSIR, New Delhi)

	<p>Regional “Patent Awareness Workshop” Organized on December 11th, 2009 (sponsored by PSCST, New Delhi)</p> <p>Regional seminar on “How to be successful” was organized on October 19th, 2009.</p> <p>Name of Faculty who attended Refresher/ Orientation Courses</p> <p>Orientation Course 28 day duration Dr. Hazoor Singh, Reader ME at ASC, Punjabi University Patiala</p> <p>Sunil Kumar and Khushdeep Goyal, Lecturer ME attended a orientation course at ASC, Panjab University, Chandigarh</p> <p>Sukhwinder Singh, Lecturer CE attended One week course in Linux Administration and One week Web Designing at NITTR, Chandigarh</p>
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8. Total Number of Seminars/Workshops Conducted

The details of the seminars/workshops conducted by the University during the year are given below

Faculty of Arts and Culture	
Department	
Dance	Ms. Anuradha Thakur (Classical Dances Kathak). Dr. Roop Singh Shekhawat (Rajasthani folk dances).
Fine Arts	Sculpture Workshop March 2010, National. Educational tour to National Gallery of Modern Art, New Delhi, 2009. Lecture/Demonstration conducted by the department of the following eminent artists were organised: Sh. Rakesh Bani (Kurukshetra) Sh. Kalicharan, (New Delhi) S. Surjit Sing, (Shimla)
Gurmat Sangeet	Tanti Saaz Workshop, August 10 to 30 2009 Gurmat-Sangeet Competition, September 8 to 10, 2009, International Special Lecture Demon, March 5, 2010 ,National

	Gurmat Sangeet Utsav, March 9, 2010, International
Music	A Five Day Music Workshop At Andretta (H. P) conducted by Principal Narinder Narula, Patiala and Prof. C.L.Verma from HPU, Shimla 2009, National Punjabi Folk Mela organized at University Campus on November 18, 2009, National Classical Instrumental Music (Flute Recital) in collaboration with SPIC-MACAY on 5th Oct., 5 October 2009.
Theatre and Television	Reoti Sharon Sharma. Partho Bandhopadyaya. S.K.Singh. Dr.Mahendra Kumar
Faculty of Business Studies	
Department	
School of Management Studies	One UGC sponsored Seminar organized by the department to provide platform to academicians, researchers, doctoral students, and industry to share various issues relevant to theme of the seminar. Details are as follows National Seminar on the topic of "New Paradigm in Management Theory and Practice" November 27 – 28, 2009.
Faculty of Education and Information Science	
Department	
Journalism and Mass Communication	Special Lecture on 17-11-09 by Ms Anu Sehgal.
Library & Information Science	One Workshop organized in November 2009. (IFLA/FAIFE Sponsored Workshop on Libraries as Transparency Institutions IFLA Transparency manifesto Workshop, 17-18 November 2009).
Physical	Yoga and Naturopathy (Workshop), February 2010,

Education	National Multidisciplinary approach in Physical Education (Conference) February 2010, National.
Faculty of Languages	
Department	
English	One seminar organized.
Hindi	"Acharya Hazari Prasad Dwivedi ki Sahitya Sadhana" 8-9 Feb., 2010.
Linguistics & Punjabi Lexicography	9th International Conference on South Asian Languages (ICOSAL-9) January 7 to 9 , 2010 International.
Persian Urdu and Arabic	One National level seminar on Suffism & Sufi Literature organised on 14-15 Jan., 2010.
Punjabi	One-Khoj Workshop on 22-25 March 2010.
Faculty of Law	
Department	
Punjab School of Law	A national seminar on Facets of Justice Delivery, March 17-18, 2010.
Faculty of Medicine	
Department	
Physiotherapy	A State level workshop Neurodynamics was organised on November 14 & 15 th 2009.
Sports Science	Dr. Ashok Kumar attended the conference entitled "Physical Education and Computer Science in Sports" organized by Osmania University, International. DR Harish Kumar attended the conference entitled "Physical Education and Computer Science in Sports" organized by Osmania university , International
Faculty of Physical Sciences	
Department	

Chemistry	One National Symposium on Emerging Trends in Chemistry (NSETC-10 was organised on February 15 to 16, 2010.
Computer Science	National Seminar On Recent Advances and Future Trends In Image Processing (RAFIP) Organized partment March 30, 2010
Forensic Science	International Symposium on Emerging Trends in Forensic from February 22 to 24, 2010.
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	A national Seminar on `India's National Security Emerging Trends' was organised on March 10 to 11, 2010. An Army Recruitment Awareness Camp was organised to motivate the students to join Armed Forces. Three Extension lectures were organised.
Economics	Two national seminars were organised: Indian Political Economy Conference (Nov 6-7, 2009) 51st Indian Society of Labour Economics Conference (Dec 11 to13, 2009)
History	Punjab History Conference organised by the Panjab Historical Studies and History department jointly in March which is an annual feature.
Psychology	The department conducted 3 workshops on the annual event "Psychofest-2010"- Anger Management Enhancing Emotional Intelligence Aiming & Achieving Success These were conducted on the premises of the department. Following workshops were conducted during the Rural Camp held on 27-10-2009 at Dehla Sihan HIV Awareness De-addiction Family Problems/Conflicts Study Habits Career Options Stress/Anxiety Female foeticide

	Health Awareness These were conducted in the village.
Political Science	Department organised a Refresher course in the month of September, 2009 under U.G.C Academic Staff College, Punjabi University, Patiala.
Public Administration	One National Seminar on “ Human Rights and Duties Education “.on 18-19th January, 2010
Religious Studies	Seminar on Guru Granth Sahib Global Concerns from December 9 to 10 ,2009. Seminar on Studying Buddhist in Comparative Perspective (seminar) March 29 to 30, 2010. Seminar on Relevance of the Teachings of Miyan Mir and other Sufi Saints of Punjab to contemporary Society February 4 to 5, 2010.
Social Work	Seminar on Secularism and Non-Violence, A Mandate for World Peace organised on December 17 to 18, 2009. Five Induction Training Programmes of PHC/CHC/MMU Nurses and 2 Refresher Training Programmes of PHC/CHC Nurses and ICTE Counsellors in HIV and AIDS counselling skills were organised.
Sociology & Social Anthropology	An international seminar on 'Pre-Colonial Consciousness in Punjab' in collaboration with Punjab Research Group Manchester U.K.
Womens' Studies Centre	Legal Literacy Workshop for Women College Teachers, November 27-28, 2009. Music Workshop, January 10 to 13, 2010. Stress Management Workshop for Women College Teachers February 5-6, 2010. Pidilite Workshop for Deaf & Dumb Children, February 22-26, 2010. Workshop on Gender Sensitization and Legal Literacy for Women College Teachers, March 2-3, 2010. Health Awareness Workshop for University Women Workers, March 8, 2010. Basic Computer Programme for Rural Girls, March 5 to 20, 2010. Secularism & Non-Violence a Mandate for World Peace, December 17 to 18, 2009, International Symposium. Women & Development Issues and Initiatives, March 26-

	27, 2010, International Conference.	
Distance Education		
Department		
Distance Education	India and SADC Role and Importance of South Africa October 9-10, 2009.National Special lecture in the Faculty of Psychology, January 2010 Dr. Rozy Chhabra from USA delivered a Special Lecture on Stress Management in March 2010.	
UGC-Academic Staff College	Orientation Courses	
	Ist Orientation Course	06-7-2009 to 1-8-2009
	2nd Orientation Course	03-8-2009-29-8-2009
	3rd Orientation Course	14-1-2010 to 10-2-2010
	Refresher Courses	
	Punjabi	16-6-2009 to 23-9-2009
	Political Scinece	03-9-2009 to 23-9-2009
	Education and Community Services	9-11-2009-28-11-2009
	Geography	11-01-2010 to 30-01-2010
	Commerce	1-2-2010 to 20-2-2010
	History	8-3-2010 to 27-3-2010

Research Departments	
Department	
Development of Punjabi Languages	International Punjabi Development Conference on 27-29 January, 2010 Special Lecture on Mother Language Day on 22 February, 2010 Women Writers' Conference 3-4 November, 2009
Professor Harbans Singh Encyclopaedia of Sikhism	03 (One International Seminar , Two Special Lectures 2009-2010)
Punjab Historical Studies	42 nd session of Punjab History Conference held on March 19 to 21, 2010 on the theme The Role Place and Contributions of Women in Punjab History. Prof. Sita Ram Kohli Memorial Lecture delivered on March 19 to 21, 2010 by Prof. Joginder Singh Dr. Ganda Singh Memorial Lecture delivered on 14-12-2009 by Dr. Kirpal Singh
Sri Guru Granth Sahib Studies	Seminar at Gurmat College, Patiala dedicated to 300 Years of Gurta Gaddi Diwas celebrations April 6, 2009. Seminar at Punjabi University Regional Centre, Mohali dedicated to 300 Years of Gurta Gaddi Diwas celebrations April 24, 2009 Seminar at Punjabi University Regional Centre Maler-Kotla dedicated to 300 Years of Gurta Gaddi Diwas, celebrations. May 15, 2009. Seminar at Mandi Gobindgarh dedicated to 300 Years of
	Gurta Gaddi Diwas celebrations, June 11, 2009. Seminar at Khalsa College, Patiala, dedicated to 300 Years of Gurta Gaddi Diwas celebrations, July 30, 2009. Two days National Seminar December 9 to 10, 2009, National National Seminar on Nirmal Sampardaye Di Sikh Sahit Nu Den., October 29 to 30, 2009. Parkash Diwas of Sri Guru Granth Sahib on September 22, 2009. Seminar regarding Guru Nanak Simrati Vikhyan February 9, 2010.
Maharishi Valmiki Chair	One seminar was organised in March 2010

Gurmat Sangeet Chair	Prof. Tara Singh Simrati Samaroh, National September 18 th , 2009. Rababi Bhai Mardana Classical Music Festival, International, December 2 nd to 4 th , 2009. Gurmat Sangeet Utsav, International March 9 th , 2010. Gurmat Sangeet Competition, International September 8 th to 10 th 2009.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus Maur (Bathinda)	Title of seminar National Communication Skills organised on August 3, 2010.
Punjabi University Regional Centres/Colleges	
Nawab Sher Mahommad Khan Institute of Advance Studies in URDU, Persian and Arabic Malerkotla	Three Guru Granth Sahib Gurta Divas Samaroh 15-5-2009. Punjab Ka Urdu Adab Azadi ke Baad 11,12-3-2010. Poetic Symposium (Mushaira) 11-3-2010.
Department of Education Punjabi University Regional Centre, Bathinda	Three Extension Lectures were organized in the Department during the session.
Punjabi University School of Business Studies Guru Kashi Campus, Talwandi Sabo	Faculty development programme (organised lectures for faculty members).

9. Research Projects a) Ongoing; b) Completed

All the University teachers are actively involved in research in the fields of their respective specializations. The University motivates the teachers by honouring them with even cash awards that bring funded research projects from various national/international funding agencies. At present, work on the following projects is in progress

Faculty of Arts and Culture	
Department	
Gurmat Sangeet	<p>Ongoing 20 Monographs on famous Keertankaars have been allotted to different persons of this field.</p> <p>Completed 2 Monographs (Baba Sham Singh and Bhai Mardana). have been published. M.A. syllabus book Itihasik te Sidhantak Pripekh has been published.</p>
Theatre and Television	<p>Ongoing Dr.Yogesh Gambhir, Reducing Stress Through Theatre" in the year 2009,UGC, December 2009 onward, (2 year Extendable up to 4 yeras).</p> <p>Completed Dr.Yogesh Gambhir, Reducing Stress Through Theatre" in the year 2009, UGC, December 2009 onward. (2 year Extendable up to 4 yeras)</p>
Faculty of Business Studies	
Department	
School of Management Studies	<p>Ongoing Dr. Navjot Kaur, Reader, major research project, UGC, Rs. 2.29 Lac Er. Rajwinder Singh, A Study of Garment Retail Industry, UGC, Rs. 05 Lac. Mr. Amanpreet Singh, Marketing Strategies of Hosiery Mmanufacturing Companies in Post Quota Region, UGC, Project, Rs. 1.18 Lac.</p>
Faculty of Education and Information Science	
Department	

Journalism and Mass Communication	Completed 20 Dissertation submitted (MJMC) - One Ph.D. degree awarded.
Physical Education	Completed Dr. G. S. Kang, Effect of three months Yoga practices on Range of Motion of various Joint March 2010. Dr. G. S. Kang, A Comparison of Steam Bath, Cold Water and Massage in the treatment of DOMS March 2010. Dr. Nishan Singh 2D Analysis of Spiking Skill in Volleyball, March 2010.
Faculty of Engineering	
Department	
University College of Engineering	Ongoing Dr Vinay kumar Gupta Steady State Creep in Functionally Graded Cylindrical Pressure V-essel Theoretical and Finite Element Analyses UGC Started on July 1 st , 2009 (duration 3 years). DR. Sanjiv Puri, Reader (Physics) R & D Projects (Ongoing)A project titled “Investigation of processes following L and M shell photoionization and analytical applications using EDXRF technique” worth Rs.17.85lacs was granted to Dr. Sanjiv Puri, Reader, UCoE (Principal Investigator) by the Department of Science and Technology (DST), New Delhi vide letter no. SR/S2/LOP-19/2006 dated March 12 th , 2007 for a period of three years (August, 2007 – February, 2011). R & D Projects (Ongoing) DST research project entitled, “Electrochemical synthesis of nanowires and their characterization” under Nanomission scheme worth Rs. 15.30 Lakhs granted to Dr. Sanjeev Kumar, Lecturer.
Faculty of Languages	
Department	
Hindi	Ongoing ProjectDr. Sukhwinder Kaur Bath HkkjrsUnq gfj'pUnz vkSj HkkbZ ohj flag ds lkfgR; dk rqyukRed v/;;u, UGC Started 1-4-2008.
Linguistics & Punjabi	Ongoing (i) English-Punjabi Dictionary, (Revised Edition)

Lexicography	(ii) French-Punjabi Dictionary (iii) Multi volume Punjabi-Punjabi Dictionary Project, Departmental Project Completed (i) Punjabi Kosh, (School Level), Departmental Project		
Persian Urdu and Arabic	I.C.C.R project to Departmental Research Scholar on Urdu Movements in Punjab.		
Punjabi	Name Teacher	Project Name	Funding Agency
	Prof. Jaswinder Singh	Monograph on Edward Said Monograph on Edward Said	Punjabi Department Punjabi Academy, Delhi.
	Prof Satish Kumar Verma	Monograph on Harcharan Singh Monograph on Balwant Gargi Monograph on Nora Richards	Punjabi Literary Studies. Punjabi Literary Studies. National Book Trust of India
	Prof. Rajinderpal Singh Brar	Monograph on Lal Singh Dil Monograph on Lyotard	Punjabi Literary Studies 2009 Department of Punjabi Development
	Dr. Surjit Singh	Monograph on Saussure	Department of Punjabi Development, 2009
	Dr. Jaswinder Singh Saini	Punjabi Gazal Sidhant Saroop ate Vikas Principal Takhat Singh Jeevan ate Rachna	Project of Punjabi Literary Studies Project of Punjabi Literary Study
	Dr. Gurmukh Singh	Monograph on Bakhtin	Department of Punjabi Devolpment
Sanskrit & Pali	Encyclopaedia of Sanskrit Poetics Sanskrit Kav-Shastra Mahan Kosh Punjabi Sanskrit Dictionary University) (ii) Study of Punjabi poetry in the light of Indian Poetics (UGC)		
Faculty of Life Sciences			
Department			

Biotechnology	<p>Ongoing: Dr. N. Verma Development of Electrochemical Biosensors for monitoring pesticides in water, soil and food samples. 2009-12, Rs. 23.98 lakh, DST Dr. Praveen P. Balgir Target genes for is RNA therapeutics in atherosclerosis selection, validation and testing in cell based and animal model system (2008-2011), Rs. 30.0 Lakh, DBT Dr. N. Verma Arginine and Urea Biosensor for Food Quality Control. 2008-2011, Rs. 12.5 Lakh, CSIR Dr. R.S.Singh, Molecular cloning, over-expression, purification and characterization of a novel aspartase (2008-2011), Rs. 22.0 Lakhs, CSIR Dr. R.S.Singh Development of stable continuous flow system for the preparation of high fructose syrup using immobilized inulinase (2008-2011), Rs. 12.0 Lakhs, UGC. Dr. N. Verma Development of biosensors and microtechniques for analysis of pesticide residues, aflatoxins, heavy metals and bacterial contaminations in milk _- Multi-institutional project of ICAR under NAIP BITS, Pilani, IIT, Delhi, NDRI, Karnal, Punjabi university, Patiala (2008-2012) , Rs. 96.00 lakhs, ICAR , (Multicentric for Rs. 7 Crores)</p>
Botany	<p>Ongoing Prof. R.C. Gupta: SAP-III, SAP-III Rs. 70.5 Lacs Prof. R.C. Gupta: FIST (2009-2013) DST Rs. 47 Lacs Dr. R.C. Gupta: ASIST of U.G.C.(2005-2010) Rs.57 Lacs + Project Fellow Grant) Dr. D.P. Singh & Dr. J.I.S. Khattar: Evaluation of cyanobacterial strains from Paddy fields for pesticides degradation. (2007-2010) C.S.I.R., Rs.7.6 Lacs. Dr. J.I.S. Khattar & Dr. D.P. Singh: A search for cyanobacterial strains producing Novel Exopolysaccharides. (2008-2011) C.S.I.R. Rs. 12 Lacs. Dr. Geetika Sirhindi: U.G.C. Rs.10.68 Lacs Dr. Gurpreet Kaur & Dr. J.I.S. Khattar: Exploitation of extremophilic cyanobacteria for the product of phycobiliproteins as natural colour. U.G.C. Rs.8,71,800/-. Dr. R.C. Gupta Role of 24-epibrassinolide in regulating chromosomal behavior and antioxidant defense system of</p>

	<p>Brassica species under temperature stress. U.G.C. Rs. 9,29,300/- . Completed SAP-II of DRS</p>
Zoology	<p>Ongoing Prof. M.S. Saini & Dr. H. Bharti ICAR Network Project on Insect Bio-Systematic, IARI, 2009-2010 Dr. H. Bharti Minor Research Project on Evaluation/Trials on Imidacloprid 0.03% Ant Gel (Bayer Corporation Science Ltd.), Bayer Corporation Science Ltd. 2009-2010 Prof. Jagbir Singh Forte Bait Gel Against Commonly Found pestiferous Cockroach Species by Bayer Corporation Science Ltd., 2009-2010. Completed: Prof. Jagbir Singh Taxonomic Studies on Family Noctuidae (Noctuoidea Lepidoptera) from Western Ghats of India, MoEF, Started-2006, Completed: 2009.</p>
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	<p>Ongoing Dr. A. K. Tiwary, Dr. Vikas Rana Colorectal delivery of Mesalazine Formulation development and optimization using biodegradable polymeric complexes. AICTE, New Delhi, 2009-2012 Formulation of colon delivery systems of 5-Fluorouracil Investigations using biodegradable polymers. ICMR, New Delhi, 2009-2012 Dr. R. K. Goel Phytopharmacological investigations of Anticonvulsant potential of Ficus religiosa UGC, New Delhi, 2009-2012. Dr. Subheet Jain Vesicular approach for site specific sustained delivery of paclitaxel Formulation and evaluation. CSIR, New Delhi, 2009-2012.</p>

	<p>Formulation development and evaluation of locoreginal drug delivery system for skin cancer AICTE, New Delhi, 2008-2011.</p> <p>Elastic liposomes for sustained release. Formulation and evaluation, ICMR, New Delhi, 2009-2012 Dr. Nirmal Singh</p> <p>Investigation of potential of Acorus calamus plant extract in experimentally induced peripheral neuropathy. CSIR, New Delhi, 2009-2012. Dr. Gulshan Kumar Bansal</p> <p>ICH prescribed forced degradation studies on drugs for rheumatoid arthritis for development of impurity standards, UGC, New Delhi, 2010-2013. Dr. Om Silakari</p> <p>Computer based molecular modeling for designing of multi-targeted agents for various inflammatory disorders. Synthesis and biological evaluation. UGC, New Delhi, 2010-2013. Yogita Bansal</p> <p>Computer Aided Virtual Screening, Synthesis and Evaluation of Benzimidazole Derivatives as Psychopharmacological Agents, UGC New Delhi ,2008-2010</p> <p>Completed Dr. A. K. Tiwary</p> <p>Saponins for percutaneous permeation enhancement Biochemical, biophysical and microscopic investigations, CSIR, New Delhi, Jan,2010.</p>
	<p>Anti-diabetic efficiency of transdermally delivered repaglinide In Vitro and In Vivo Evaluation ,Lady Tata Memorial Trust, Mumbai July 2009.</p> <p>Modernization of pharmaceutics research laboratory AICTE, New Delhi. April 2009 Dr. Subheet Jain</p> <p>Ethosomes for controlled site specific delivery of anti-arthritis. UGC, New Delhi, April 2009</p>
Physiotherapy	<p>Ongoing Prof.(Dr) N.K. Multani, Impact of Therapeutic Intervention in Patients of Osteoporosis , UGC, 26th March 2009.</p>
Sports Science	<p>Ongoing Dr Ashok Kumar</p> <p>Effect of different exercise programmes on Glycemic control and nerve conduction velocity in Type 2 Diabetes. UGC.</p>
Faculty of Physical Sciences	

Department	
Chemistry	<p>Ongoing 08 Project (CSIR 6, UGC 1, Industry Sponsored 1) Completed: 04</p>
Computer Science	<p>Ongoing Dr G. S. Lehal Development of Robust Document Analysis And Recognition System For Printed Gurmukhi Script , Rs. 36 lakhs , MoCIT, INDIA, 2006-2010, (Four years). Web Based Transliteration And Translation System Between Urdu And Hindi Languages, US\$ 29,896 ISIF GRANTS, AUSTRALIA 2009-2010 One year. Transliteration System From Urdu To Devnagri Rs. 9.9 lakhs , DRDO, INDIA 2008-2010 Two years. Development Of Grammar Checking System For Punjabi RS. 25.48 LAKHS MoCIT, INDIA 2008-2010 ,Two years. Dr Chandan Singh Development Of Algorithms And Software Package For Image Recognition With Special Applications To Character Recognition Rs.5.25 lakhs AICTE 2006-2009 Three years. Completed Dr G.S. Lehal Development of a grammar checking system for Punjabi,</p>
	<p>Ministry of Communication and Information Technology, India 2008-2010. Dr Chandan Singh Development of Algorithms and Software packages for 2-D and 3-D Contour Plotting Using Non-Linear Interpolation, UGC, 2005-2010.</p>
Mathematics	<p>Ongoing Dr. Satya Bir Singh, Major Research Project, UGC, started 1-5-2009.</p>
Physics	<p>Ongoing Prof.R.C.Verma- Silicon sheet fabrication for solar cells, DST, 2008 on wards. Prof.H.S.Bhatti- Laser induced photoluminescence and morphological studies of nanophosphors, DST, 2007-2010. Prof. Darshan Singh-Aerosol climatology and its effect over Patiala-North Western region on India), ISRO, Dec. 2005-March 2012. Prof. Raj Mittal-To set up a X-ray fluorescence(XRF) facility to explore details of the related processes BRNS, Sept. 2007-</p>

	<p>2010.</p> <p>Completed</p> <p>Prof. Bhajan Singh- Investigation of double photon compton scattering using single gamma ray detector, UGC, 2004-2009.</p> <p>Prof.H.S.Bhatti- Development of optical memory using laser induced photo-stimulation,UGC, 2006-2009.</p>
Faculty of Social Sciences	
Department	
Economics	<p>Growth, Human Development, Poverty and Inequality in South Asia</p> <p>District Human Development Report, Sangrur</p>
Geography	<p>Ongoing</p> <p>Prof. K.S.Sohal</p> <p>Title' Dynamics of Agricultural Productivity in Punjab and National Food Security', Funding Agency-UGC, Rs. 6,27,700/-.</p>
Psychology	<p>Ongoing</p> <p>Dr. Gurminder Sokhey, Major Role of Self Regulation, Adherence and Health Anxiety in Quality of Life amongst Coronary Heart Disease Patients, UGC, Started on-01-02-09.</p> <p>Dr. Damanjit Sandhu</p>
	<p>Health Risk Behaviour In Adolescents In Relation To Developmental Tasks ,UGC Started in Feb 2010.</p>
Religious Studies	<p>Ongoing</p> <p>Dr. Harpal Singh Pannu, JapNishan (Editor), U.G.C. StArt from last three years.</p> <p>Dr. Rajesh Ranjan, An Analytical Study of the Buddhavamsa and the Buddhavamsa-atthakatha, U.G.C. Major Project started from July 1st, 2009 for two years project.</p> <p>Dr.Rajinder Kaur Rohii, Sikh Philosophical Concerns, Personal Work</p> <p>Completed</p> <p>Dr. Rajinder Kaur Rohi, Guru Nanak As A Communicator (Editor), U.G.C.(Under Center for Guru Nanak Studies), September, 2010.</p> <p>Dr. Harpal Singh Pannu, Milind Prashan (Pali to Punjabi) Editor</p> <p>U.G.C., March 31st, 2010.</p> <p>Dr. Harpal Singh Pannu ,Bhai Roop Chand Jiwan Ate Sewa</p> <p>U.G.C. June 30, 2009</p> <p>Dr. Harpal Singh Pannu, Ravinder Nath Tagore Jiwan Te</p>

	<p>Pratinidh Ravhana, Punjabi Sahit Adhiyan Vibhag, March 31, 2010</p> <p>Dr. Praduman Shah Singh, Jainism on Punjab, Punjabi University, Patiala, June, 2009.</p> <p>Dr. Mohd. Habib, Guru Nanak in Dialogue with Muslims An Attempt to Interfaith Understanding, U.G.C., August, 2010.</p>
Social Work	<p>Completed</p> <p>A study of Teachers' Absenteeism and Student Attendance in Primary and Upper Primary School of Punjab Sponsored by SSA Punjab.</p>
Sociology & Social Anthropology	<p>Completed</p> <p>(a) Research project on Gender, Culture and Development in collaboration with UNITWIN UNESC, Boston University, Jamia Milia and Shanti Nikitan, Punjab Research Group Manchester U.K.</p>
Womens' Studies Centre	<p>Ongoing</p> <p>Dr. Amandeep Kaur</p> <p>Women Prisoners in Central Jail, Patiala.</p> <p>Women Working in Unorganized Sector A Case Study of Patiala.</p>
	<p>Completed</p> <p>Dr. Amandeep Kaur</p> <p>The Declining Sex Ratio in Punjab A Case Study of Patiala Sept. 2009 to March. 2010.</p> <p>Women Working in Unorganized Sector Problems and Prospects.</p>
Distance Education Department	
Distance Education	<p>Ongoing</p> <p>Dr. Hari Simran Kaur, Prem Chand ki kahaniyon mein hasaya aur vaiyanga, Indian Institute of Advanced Studies, Shimla (no funding)</p> <p>September 2008 to September 2010.</p> <p>Dr. Satnam Singh</p> <p>Punjabi Path-Pustak Ladi project, Punjabi University, Patiala.</p>
Research Departments	
Department	

Development of Punjabi Languages	<p>Newly implemented : 26</p> <p>Completed: 15</p> <p>1. Encyclopaedia of Sikh Literature Vol.2 English Translation of Gurshabad Ratnakar Mahan Kosh by Bhai Kahan Singh Nabha</p> <p>2. Anndata Dr. Narinderjit Kaur</p> <p>3. Badshan John Dr. Surjit Hans</p> <p>4. Do Wanshi Bandhu Dr. Surjit Hans</p> <p>5. Kirtarjuniam Dr. Sharan Kaur</p> <p>6. Sant Singh Sekhon Rachnawali Dr. Manjit Pal Kaur</p> <p>7. Shivaji and His Times Dr. Amarwant Singh</p> <p>8. Ashoka and the Decline of Mouryas Mr. Sujan Singh Panu</p> <p>9. Gattka Sikhlayee ate Niymavali Mr. Avtar Singh</p> <p>10. Vishleshi Falsfa Prof. Manjit Singh</p> <p>11. Rut Rahre Samaj Sabharcharak Adhyan Dr. Susheel Sharma</p> <p>12. Lok Khedan Sanklap, Itihasak Vikas ate Vishleshan Dr. Susheel Sharma</p> <p>13. Kadran Keemtan di Sikhya Dr. Paramjit Kaur Sandhu</p> <p>14. Bharat vich Sufiwad Chonven Dr. Mohmed Sandarbhb Habib</p> <p>15. Folk Dances of Punjab (Bhangra, Jhumar) (CD, DVD Released)</p>
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	<p>(B) Ongoing: 26</p> <ol style="list-style-type: none"> 1. King Henry Fourth Part ii (1598) Dr. Surjit Hans 2. King Henry Fifth (1599) Dr. Surjit Hans 3. Revenue System in Post Maurya and Gupta Times Raghbir Singh 4. Administrative System of the Marathas Dr.Gurbachan Singh 5. Society at the time of Budha Dr. Sawinder Singh Uppal 6. Kandi de Ilake de Pindan da Itihas Dr. Vijay Bambeli 7. Naroe Nari Dr. Darshnjot Kaur 8. Sabhyachar da Falsfa Dr. Gurjeet Singh 9. Punjabi Lok Dhara Shastri Dr.Joginder Singh Karon 10. Lok kla ate Sabhyachar Dr. Jeet Singh Joshi 11. Uchttar Sikhya Manovigyan Dr. Meenaxi 12. Bharti Dand Sanghta Dr. Rajinder Singh Bhasin 13. Bharat vich Adhunik kla Dr. Saroj Chaman 14. Hun Tusi Khabran Suno Waraich Dr. Amarjeet Singh 15. Bharti Rajneetak Chintan Sangeet da Adhyapan Dr.SurinderKaur Dhaliwal 16. Bawra Dr. Joginder Singh 17. Samkali Punjabi Natak Dr. Manjt Pal Kaur & Dr. Jaswinder Singh Saini 18. Katha Sansar Dr. Jaswinder Singh & Gurmukh Singh 19.Sangeet di Sikhya vich Manovigyanak Sidhantan da Upyog Dr. Devinder Kaur 20.Sabhyachar te Vichar Dr. Nahar Singh & Dr. Rajinderpal Singh 21.Lok Dhara di Bhumika Dr. Bhupinder Singh Khaira & Dr. Surjeet Lee 22.Samkali Punjabi Kawita Dr. Jagjit Singh & Anup Singh Virk 23.Yog ate Sareerak Sikhya Dr. J.S.Bhanaut, Dr. Kuldeep Singh Dr. Rajinder Kaur Dr. Parmveer Singh 24..Encyclopaedia of Sikh Literature Vol.3,4,English Translation of Gurshabad Ratnakar , Mahan Kosh by Bhai Kahan Singh Nabha 25. Gurshabad Ratnakar Mahan Kosh by Bhai Kahn Singh Nabha rewrite. 26. Children Encyclopaedia Part 2,3,4, 27. Folk Dances of Punjab (Giddha, Sammi)
Professor	Newly implemented Translation of Encyclopaedia of Sikhism,

Harbans Singh Encyclopaedia of Sikhism	Vol. II is in progress (Punjabi version). Completed Translation of Encyclopaedia of Sikhism, Vol I (Punjabi version).
Punjab Historical Studies	<p>ਸਲਾਨਾ ਰਿਪੋਰਟ: ਅਪ੍ਰੈਲ 2009 ਤੋਂ ਮਾਰਚ 2010 ਡਾ. ਬਲਵਿੰਦਰਜੀਤ ਕੌਰ ਵਿਭਾਗ ਵੱਲੋਂ ਸਾਲ 2008 ਵਿੱਚ ਦੋ ਪ੍ਰਾਜੈਕਟਾਂ ਦੇ ਕੰਮ ਸ਼ੁਰੂ ਕੀਤਾ ਗਿਆ।</p> <ol style="list-style-type: none"> 1) Directory of Historians on Punjab. ਇਸ ਪ੍ਰਾਜੈਕਟ ਨੂੰ ਪੂਰਾ ਕਰਨ ਲਈ ਇਤਿਹਾਸਕਾਰਾਂ ਦਾ Bio-data ਇੱਕਠਾ ਕੀਤਾ ਜਾ ਰਿਹਾ ਹੈ। 2) Re-interpreting Maharaja Ranjit Singh's Administration (Civil & Military) ਇਸ ਪ੍ਰਾਜੈਕਟ ਲਈ ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਨਾਲ ਸੰਬੰਧਤ ਕਿਤਾਬਾਂ ਪੜ੍ਹ ਕੇ ਸਮੱਗਰੀ ਇੱਕਠੀ ਕਰ ਰਹੀ ਹਾਂ। 3) ਵਿਭਾਗੀ ਜਰਨਲ The Panjab Past & Present ਵਿੱਚ ਅੰਕ. ਅਪ੍ਰੈਲ 2009 ਵਿੱਚ ਪੇਪਰ ਛਪਿਆ। ਪੇਪਰ ਦਾ ਸਿਰਲੇਖ ਹੈ: "Administration of Dharmarth Grants under Sikh Rule". 4) 41^{ਵੀਂ} ਪੰਜਾਬ ਹਿਸਟਰੀ ਕਾਨਫਰੰਸ ਮਾਰਚ 2009 ਦੀ ਪ੍ਰੋਸੀਡਿੰਗ ਤਿਆਰ ਕਰਨ ਲਈ 25 ਪੇਪਰਾਂ ਦੀ editing ਕੀਤੀ ਗਈ। 5) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ ਵੱਲੋਂ 22-23 ਨਵੰਬਰ 2009 ਨੂੰ 'ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਅਤੇ ਗੁਰਦੁਆਰਾ ਸੰਸਥਾ ਦਾ ਆਰੰਭ' ਵਿਸ਼ੇ ਤੇ 24^{ਵੀਂ} ਸੈਮੀਨਾਰ ਕਰਵਾਇਆ ਗਿਆ। ਇਸ ਸੈਮੀਨਾਰ ਵਿੱਚ "ਗੁਰਦੁਆਰਿਆਂ ਦੀ ਸੰਸਥਾ ਦੀ ਉਤਪਤੀ ਅਤੇ ਇਸ ਦਾ ਸਮਾਜਿਕ 6) ਮਹੱਤਵ" ਵਿਸ਼ੇ ਤੇ ਪੇਪਰ ਪੜ੍ਹਿਆ ਗਿਆ। 7) ਵੂਮੈਨ ਸਟੱਡੀਜ਼ ਸੈਂਟਰ ਵੱਲੋਂ ਆਯੋਜਿਤ ਕੀਤੀ ਗਈ ਇੰਟਰਨੈਸ਼ਨਲ ਕਾਨਫਰੰਸ ਵਿੱਚ ਪੇਪਰ ਪੜ੍ਹਿਆ: "ਸਮਾਜਿਕ ਵਿਕਾਸ ਵਿੱਚ ਔਰਤ ਦੀ ਭੂਮਿਕਾ: ਕੁਝ ਪਹਿਲ ਕਦਮੀਆਂ"। 8) 42^{ਵੀਂ} ਪੰਜਾਬ ਹਿਸਟਰੀ ਕਾਨਫਰੰਸ ਵਿੱਚ ਪੇਪਰ ਪੜ੍ਹਿਆ: "ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਿੱਚ ਔਰਤ ਦਾ ਸਥਾਨ"। ਇਹ ਛਪਾਈ ਹੋਣ ਹੈ। 9) ਨਵੰਬਰ 2009 ਵਿੱਚ G.G.S. ਖਾਲਸਾ ਕਾਲਜ ਜੰਡਿਆਲਾ ਵਿੱਚ "ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਮਹਾਨਤਾ ਤੇ ਲੈਕਚਰ ਦਿੱਤਾ ਗਿਆ। <p>Dr. K.S. Bajwa</p> <p>Projects Editing of Literature on the Partition of Punjab (near completion). A Bibliography on Banda Singh Bahadur, (Completed:). Working on the Baba Banda Banda Singh Bahadur Sarot Pustak</p>
	<p>Research Work report of Kavita Rani (Lecturer Adhoc) One of the major projects assigned in April 2007-</p>

	<p>'Reinterpreting Martyrdom in Sikh History (1605-1760) was submitted in December 2009 after completion. Second major project-'Reinterpreting Sikh History from Guru Nanak to Guru Hargobind'. Three chapters of this project have been Completed:.</p>
Sri Guru Granth Sahib Studies	<p>Ongoing Dr. Gurnek Singh Sikhism and the World Peace A Perspective Dr. Sarbjinder Singh Compilation System of Sri Guru Granth Sahib in the World Scriptures Dr. Amanjot Kaur Interfaith Dialogue in the Perspective of Guru Nanak Bani Dr. Malkinder Kaur Guru Granth Sahib and the Emergence of Sikh Culture A Perspective Dr. Gunjanjot Kaur Sikh Culture as depicted in Secondary Sources. Dr. Gurmail Singh</p>
Gurmat Sangeet Chair	<p>Ongoing Dr. Gurnam Singh, Bhai Randhir Singh On-Line Gurmat Sangeet Library, Akhand Kirtani Jatha, Surrey (Canada), 14 December 2007 Completed Dr. Gurnam Singh, Sant Sucha Singh Archives of Music Recordings Sh. Adreem Khan & Shakur Khan, Bhai Dyal Singh, Punjabi University, Patiala.</p>
Punjabi University Regional Centres/Colleges	
Nawab Sher Mahommad Khan Institute of Advance Studies in URDU, Persian and Arabic Malerkotla	<p>Ongoing Dr. Tariq Kifayatullah Q.S. Sandarbh Kosh D.P. Department of Punjabi University started November 2006..</p>
Yadawindra College of Engineering,	<p>Dr. Hazoor Singh, Reader ME Technological Innovations to improve degradation resistance of pulverised coal burner nozzle, Department of Science &</p>

Talwandi Sabo	Technology, New Delhi
Dr. Balbir Singh Shayitya Kendra (Dehradun)	Ongoing Dr.Harbhajan Singh Project Director, Nirukat Sri Guru Granth Sahib Punjabi University. Completed Dr.Harbhajan Singh, Project Director, Gur Girartha Kosh, Punjabi University, April-2008 to March-2010

10. Patents Generated

As the main object of the University is the development of Punjabi Language and Culture, most of the research work is published in the form of books and Research Papers. Many Research Papers of the University are published in Journals of National and International repute. However, in some departments quality applied work is also being carried out which is registered in the form of patents. The outcome of the current year is summarized below.

Faculty of Education and Information Science	
Department	
Library & Information Science	Library and Information Science in Digital Age ,2 Volume Festschrift in Honour of Prof. M.P. Satija. Edited by Jagtar Singh, I.V. Malhan and Trishanjit Kaur, New Delhi Ess Ess Publications, 2009.
Faculty of Life Sciences	
Department	
Biotechnology	01
Faculty of Physical Sciences	
Department	
Chemistry	One Patent is filed with IndSwift Laboratory- Dr. Raman K. Verma.

11. New Collaborative Research Programmes

The University has signed MoUs with the following Universities and Research Institutes in order to expand the University 's relation with the outside world and provide an opportunity to the students and the faculty to interact with the experts of their fields

Faculty of Arts and Culture	
Department	
Theatre and Television	Department has been associated with Punjab Govt and Various NGO's for presenting play performances against social problems and national integration program through Repertory had a great therapeutic impact on the audiences.
Faculty of Business Studies	
Department	
School of Management Studies	International Collaborations and MOUs In order to meet the global standards of education, the department has signed MOUs with four foreign universities for faculty and student exchange programme and students summer Internship Programme. During last five years SMS has entered into collaboration with many international universities for faculty and student exchange. Our faculty and student regularly visit Kutztown University, PA, USA, Wilkes University USA and Grand Valley State University Michigan, USA. A number of projects have been started jointly with these universities which have greatly improved the level of competence of faculty and students.
Faculty of Engineering	
Department	
University College of Engineering	DRDO, Govt. of India, Research Project entitled " Synthesis & characterisation of transition metal doped CdSe dilute magnetic nanoparticles" costly Rs. 14.80 Lacs granted to Dr. Sanjeev Kumar, Lecturer, (His role is as co-investigator).
Faculty of Life Sciences	
Department	

Biotechnology	Dr. N. Verma and Dr. M Singh Development of biosensors and microtechniques for analysis of pesticide residues, aflatoxins, heavy metals and bacterial contaminations in milk (2008-2012) Multi-institutional project of ICAR under NAIP BITS, Pilani, IIT, Delhi, NDRI, Karnal, Punjabi university, Patiala (MoU submitted) 89.76 lakhs, ICAR
Botany	Joint Projects for Ph. D. Scholars, Biotechnology Department and Pharmacy Department of Punjabi University, Patiala University Level. Joint Projects for Ph. D. Scholars I.H.B.T. Palampur, (H.P.) National Level. Joint Projects for Ph. D. Scholars D.M.R, Chambaghat, Solan, Himachal Pradesh.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Biosafety testing of 'Jaymer' Bioplus Life Science, Hosur, Karnataka, India.
Faculty of Physical Sciences	
Department	
Chemistry	Dr. Raman K. Verma has a major research scheme in collaboration with IndSwift Ltd. Mohali. Dr. A.K. Malik has a collaborated research project with CSIR Lab., Palampur.
Mathematics	“Modelling of Displacement Washing of Packed Bed of Fibers” Institute of Chemistry & Technology of Macromolecular Materials. Faculty of Chemical Technology. University of Pardubice, 53210 Paedubice, Czech Republic International, Dated 1.4.2009.
Physics	Prof. R.C.Verma, Academia Sinica, Taiwan Prof. H.S.Bhatti, Thapar University, Patiala, Delhi University Delhi.
	J.N.University, Delhi, Queens Marry University, London Prof. V.K.Mittal, Academia Sinica, Taiwan Prof. Darshan Singh, Physical Research, Lab. Ahmadabad Prof. Raj Mittal, Raja Ramanna Centre of Advanced . Technology , Indore

	Prof. Gurmel Singh, Guru Nanak Dev Uni. Amritsar Prof. P.S.Goraya a) ARIES Nainital b) IUCAA, Pune Prof. P.S.Goraya a) ARIES Nainital b) IUCAA, Pune Prof. P.S.S.Sandhu M. M. University, Mullana (Haryana)
Faculty of Social Sciences	
Department	
History	Ms Seema Sohi, Assistant Professor, University of Colorado, America working on her research project with Dr Jaspal kaur, Professor of History, Punjabi University, Patiala.
Sociology & Social Anthropology	Research project on Gender, Culture and Development in collaboration with Boston University, Jamia Milia and Shanti Nikitan, in next stage) International seminar on 'Pre- Colonial Consciousness in Punjab' in collaboration with Punjab Research Group Manchester (U.K).
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	Department of Encyclopedia of Sikhism had organized an International Seminar in collaboration with the Institute of Meditation and Interfaith Studies, Rishikesh titled Interfaith Under-Standing and World Peace on March 2 to 4, 2010.

12. Research Grants Received from Various Agencies

Faculty of Arts and Culture

Department	Amount received	Funding Agency
Theatre and Television	Rs 8 lacs	UGC
Faculty of Business Studies		
Department	Amount received	Funding Agency
School of Management Studies	Rs. 42 Lakhs.	UGC
Faculty of Engineering		
Department	Amount received	Funding Agency
University College of Engineering	Rs. 9,79,300/- Rs. 15.30 Lakh Rs. 14.80 Lakh	UGC DST DRDO
Faculty of Languages		
Department	Amount received	Funding Agency
Hindi	Rs. 96000/- (Annual) Rs. 144000/- (Annual) Rs. 96000/- (Annual) Rs. 144000/- (Annual)	Punjabi Univeristy, Patiala. UGC UGC UGC
Linguistics & Punjabi Lexicography	23 Lac. 22.75 Lac.	Ministry of Information & Technology (ILCI) MHRD, Govt. of India, New Delhi. Ministry of Information Technology New Delhi
Punjabi	Rs 41,00,000	ASIHSS (UGC)
Faculty of Life Sciences		
Department	Amount received	Funding Agency

Biotechnology	23.98 lakh 30.0 Lakh 12.5 Lakh 22.0 Lakh 12.0 Lakh 96.00 lakh	DST DBT CSIR CSIR UGC ICAR (Multicentric for 7 Crores)
Botany	Rs.50,000/- Rs.33,00,000/- Rs.20,00,000/- Rs.10,00,000/-	DST Symposium Grant FIST of DST UGC Infra-structure Grant XIth Five Year Plan from Development Grant
Zoology	Rs. 20 Lakh	UGC (SAP)
Faculty of Medicine		
Department	Amount received	Funding Agency
Pharmaceutical Science & Drug Research	Rs. 19.25 lakh Rs. 19.30 lakh Rs. 23.47 lakh Rs. 29.36 lakh	AICTE, New Delhi CSIR, New Delhi UGC, New Delhi ICMR, New Delhi
Sports Science	Rs 5,73,700/-	UGC Major project
Faculty of Physical Sciences		
Department	Amount received	Funding Agency
Chemistry	Rs. 62,00000/- Rs. 35,00000/- Rs. 20,00000/- Rs. 36,00000/- Rs. 39,00000/-	UGC SAP CSIR UGC IndSwift Mohali FIST
Computer Science	US\$ 29,896	ISIF GRANTS, AUSTRALIA
Mathematics	RS. 4,96,800/-	UGC
Physics	Rs. 75.0 Lakh Rs.10.0 Lakh	FIST Programme ISRO,Banglore
Faculty of Social Sciences		

Department	Amount received	Funding Agency
Economics	Rs.7.14 Lakh. Rs.5 lakh	ICSSR MHRD, Delhi UNDP, New Delhi.
Geography	Rs. 6, 27,700/-	U.G.C. New Delhi
Social Work	Rs. 20.50 Lakh Rs. 24.60 Lakh	SSA Punjab Evaluation of AIE Scheme of SSA, Punjab
Sociology		Government of Punjab. U.G.C.
Religious Studies	Rs. 100000/- Rs. 3,60,200/- Rs. 1,50,000/-	U.G.C. (under Center of Guru Nanak Studies) U.G.C. U.G.C.
Research Departments		
Department	Amount received	Funding agencies
Department of Punjabi Language Development	41,40,000/-	Punjab Government
Punjabi University Regional Centres/Colleges		
Department	Amount received	Funding agencies
Punjabi University Guru Kashi College Damdama Sahib (Dist Bathinda)	Rs. 75,028/-	UGC
Yadavindra College of Education, Guru Kashi Campus, Talwandi Sabo	Rs. 24,12,700/-	Department of Science & Technology, New Delhi

13. Details of Research Scholars

Details of the Research Scholars. working in different teaching and Research Departments are given below

Junior Research Fellow/Senior Research Fellow

S.No	Name	Designation	Department
1)	Rahul Badru	JRF (UGC)	Chemistry
2)	Indu	JRF (CSIR/UGC)	Chemistry
3)	Sachin Kapoor	JRF (UGC)	Commerce
4)	Kulpreet Kaur	JRF (UGC)	Commerce
5)	Jasmeet Kaur	JRF (UGC)	Commerce
6)	Lakhwinderjeet Kaur	JRF (UGC)	Commerce
7)	Rahul Upneja	JRF (CSIR/UGC)	Computer Science
8)	Pooja	JRF (UGC)	Computer Science
9)	Mohit Puri	JRF (UGC)	Education & Community Services
10)	Dimpy Rani	JRF (UGC)	Education & Community Services
11)	Yashpreet Kaur	JRF (UGC)	Education & Community Services
12)	Gurveer Singh	JRF (UGC)	G.G.S. Deptt. Of Religious Studies
13)	Kuldeep Singh	JRF (UGC)	History
14)	Inderpreet Kaur	JRF (UGC)	Law
15)	Happy Kumar	JRF (CSIR/UGC)	Mathematics
16)	Kamalpreet Singh	JRF (UGC)	Political Science
17)	Satnam Singh	JRF (UGC)	Psychology
18)	Gagandeep Kaur	JRF (UGC)	Psychology
19)	Jaspreet Kaur	JRF (UGC)	Punjabi
20)	Harpreet Kaur	JRF (UGC)	Punjabi
21)	Gurcharan Singh	JRF (UGC)	Punjabi
22)	Rupinder Kaur	JRF (UGC)	Punjabi
23)	Dharminder Singh	JRF (UGC)	Punjabi
24)	Paramjeet Singh	JRF (UGC)	Punjabi
25)	Jyoti Arora	JRF (UGC)	Punjabi University Regional Centre for information Technology and Management, Mohali
S.No	Name	Designation	Department
26)	Jaswant Singh	JRF (UGC)	Religious Studies
27)	Jaswinder Singh	JRF (UGC)	Religious Studies
28)	Jaspreet Kaur	JRF (UGC)	School of Management

			Studies
29)	Naman Marken	JRF (UGC)	Sociology & Social Anthropology
30)	Jyoti Saini	JRF (DST)	Biotechnology
31)	Muthuraman A	SRF	Pharmaceutical Sci. & Drug Research
32)	Manish Jindal	SRF	Pharmaceutical Science & Drug Research
33)	Tarun Goyal	SRF (DST)	Zoology

Project Assistant/Project Fellow under Project

S.No	Name	Designation	Department
1)	Deepak Kapoor	Project Asstistant	Biotechnology
2)	Payal Jain	Technical Assistant	Chemistry
3)	Gurpreet Singh	Project Assistant	Economics
4)	Sukhvir Kaur	Project Assistant	Linguistics & Punjabi Lexicography
5)	Amandeep Kaur	Project Assistant	Linguistics & Punjabi Lexicography
6)	Sharanjeet Kaur	Project Assistant	Linguistics & Punjabi Lexicography
7)	Navjot Kaur	Project Assistant	Linguistics & Punjabi Lexicography
8)	Nishi Gupata	Project Fellow	Mathematics
9)	Damanpreet Singh	Project Fellow	Pharmaceutical Science & Drug Research
10)	Aksh Chahal	Project Fellow	Physiotherapy
11)	Ravijot Kaur	Project Fellow	Psychology
12)	Tejinder Pal Singh	Project Fellow	Religious Studies
13)	Dharamjeet Singh	Project Fellow	Religious Studies
14)	Deep Shikha	Project Fellow	Religious Studies
15)	Deepika Jindal	Project Fellow	School of Management Std.
S.No	Name	Designation	Department
16)	Deepinderjit Kaur	Project Fellow	School of Management Studies
17)	Deepika Jindal	Project Fellow	School of Management Studies
18)	Jagmohan Singh	Project Assistant	Social Work

19)	Priyanka Khanna	Project Officer	Social Work
20)	Naveen Jindal	Account-cm- Administrative Assistant	Social Work
21)	Gurdeep Singh	Project Fellow	Sports Science
22)	Manish Garg	Project Fellow	UCOE
23)			
24)	Ravneet Kaur	Project Fellow	Zoology

University Research Scholar (Under Budget Posts)

S.No	Name	Designation	Department
1.	Gurmeet Kaur	Uni. Research Scholar	Distance Education (History)
2.	Mohammad Ashraf	Uni. Research Scholar	Urdu, Persian & Arabic
3.	Vikram Singh Rathod	Research Scholar (Adhoc)	Zoology

UGC Research Fellowship in Science for Meritorious Students

S.No	Name	Designation	Department
1.	Meenu Makkar	Research Fellow	Physics
2.	Kanandeep	Research Fellow	Physics
3.	Shivali Sharma	Research Fellow	Physics
4.	Amandeep Sharma	Research Fellow	Physics

14. Citation Index of Faculty Members and Impact Factor

Faculty of Arts and Culture	
Department	
Music	The findings of the research being pursued by the research scholars is an important source of information for the other researchers and students of Music. The department has to its credit around 48 titles of various thesis/dissertations dealing with the tradition of music in Punjab focusing on the folk and classical traditions. The department also provides stage to the talented artists of the region to showcase their talent thus, taking its role to become pioneer music institution of the region as well as the nation very seriously.

Faculty of Languages	
Department	
English	Our Researchers at the M. Phil. and Ph.D.. level have made references to the articles written by faculty members, but more detailed information is not available.
Hindi	Both the Faculty members (Dr. Sukhwinder Kaur Bath and Dr. Ravi Kumar Anu) are on the various academic committees of neighboring universities.
Linguistics & Punjabi Lexicography	The research work by the Department faculty has been quoted nationally and internationally Dictionaries produced by the Department are being used very extensively by the scholars and common readers. Articles in print media and discussions on audio and visual media involving the Department faculty have greatly contributed to raising the awareness about language issues and have greatly influenced policies and activities of the Punjab Government and professional bodies such as Kendri Punjabi Lekhak Sabha, Punjabi Sahit Akademi, etc.
Faculty of Law	
Department	
Law (Morning)	A good number of faculty members have been contributing to various other state and central universities in different capacities. Often the faculty members are consulted on important issues related to Legal Literacy Programme and new trends of the Judiciary. Senior faculty members have delivered extension lectures in various universities and other
	institutions, Regularly Faculty members and students are participating in Lok-adalats held at District and Tehsil levels.
Punjab School of Law	Professor- Prof. Param Jeet Singh, Head Assistant Professors Dr. Sarita Jand Dr. Yashwinder Kaur

	Guest faculties are engaged.
Faculty of Life Sciences	
Department	
Biotechnology	<p>Average Impact Factor of the publications and Name of the Major Journals in which publications are made 0.235-5.061</p> <p>Name of the Major Journals Journal of Alzheimer's Disease, Current Molecular Medicine, Research Journal of Biotechnology, Critical Reviews in Biotechnology, Journal of Industrial Microbiology and Biotechnology, Bioresource Technology, FEBS letters, The Internet Journal of Microbiology, Int. Journal of Environmental Studies, Indian Journal of Microbiology, Process Biochemistry, Journal of Microbiology and Biotechnology, Journal of Chemistry, Technology and Biotechnology, Biospectrum, Applied Biochemistry and Biotechnology, Journal of Basic Microbiology, Int. Journal of Medical Toxicology & Legal Medicine, Journal of Chemical Technology & Biotechnology, Food Chemistry, World Journal of Microbiology & Biotechnology, Asian Journal of Microbiology, Biotechnology and Environmental Sciences, Journal of Biological Sciences, Journal of Chinese Chemical Society, International Journal of Probiotics & Prebiotics, Advances in Biotechnology & Biochemistry, Res. Journal of Biotechnology etc.</p>
Human Biology	S. Abhishek, N. Kaur, S. Kaur, M. Lata, J.K. Sharma and A. Sharma (2010). Association of GSTM1 and GSTT1 gene deletions with susceptibility to DNA damage in the pesticide-exposed workers of Punjab. Rejuvenation Research, 13(2-3), Impact Factor 5.08.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Average impact factor 1.51
Physiotherapy	Narkeesh Arumugam; Effect of Skin Temperature on

	<p>Nerve Conduction Velocity & Reliability of Temperature Correction Formula in Indian Population Published IJOPT, Vol - I, Issue - II, Sep 2009 pp 24-31</p> <p>Gargi Verma & N.K Multani; Effect of Moderate Intensity Aerobic Exercise Training on CHD Risk Factors in Stage-1 Hypertensive patients Published IAP Journal Vol 4, issue 1, 2009 pp 4-11</p> <p>Narkeesh Arumugam; A Study of Cognition in relation with Hand Dominance. Published JESP, Vol 5, No 1, 2009 pp 20-23</p> <p>Narkeesh Arumugam; Comparative Study on different types of Indian Wheel chairs activities and its effect on various parameters in normal subjects Published POTJ, Vol 2, No 2 April-June, 2009 pp 55-64</p> <p>Narkeesh Arumugam; Correlation study on H-Reflex with leg length in Indian Population Published JESP, VOL 5, No 2, 2009 pp 76 -79.</p>
Sports Science	<p>Many research projects have been Completed: in the Department last one year. The important results of these projects have been sent to the state and national level bodies to make future policy decisions. The prominent Non –Government Organizations (NGOs) working for the development and management of sports are regularly taking feedback from the Departmental research work.</p> <p>Health awareness, Nutritional consultations, Obesity consultation and preventive measures to avoid Sports Injuries are the major concerns of departmental effort. A good number of faculty members have been contributing in the areas of their specialization for the welfare of society. The input of the Department have made an impact in the areas of Health Fitness, Exercise Physiology, Obesity, Biochemistry of</p>
	<p>Exercise, Nutrition, Growth & Development, Therapeutic Nutrition and Sports Culture development in state as well as in India .</p>
Faculty of Physical Sciences	
Department	
Chemistry	The Citation of the research work have been mentioned in journals of high impact factor 2-3.

Computer Science	Dr Chandan Singh - 3.45 Dr R.K Bawa - 1.24 Amandeep Kaur - 3.45																											
Forensic Science	Dr. R.K. Garg- 1.52 Dr. O.P.Jasuja-4.46 Dr. Komal Saini-2.94																											
Mathematics	Average impact factor of the Journals in which faculty has published papers = 0.4																											
Physics	The research papers published by faculty members are cited in various National / International journals of repute and impact factor of papers published in various journals is more than one.																											
Statistics	<table border="1"> <thead> <tr> <th>Name of the teacher</th> <th>Designation</th> <th>Sudents working for Ph.D.</th> </tr> </thead> <tbody> <tr> <td>Dr. H.S. Jhajj</td> <td>Prof &Head</td> <td>5</td> </tr> <tr> <td>Dr. M.K. Sharma</td> <td>Professor</td> <td>1</td> </tr> <tr> <td>Dr. P.C. Garg</td> <td>Professor</td> <td>2</td> </tr> <tr> <td>Dr. D.K. Garg</td> <td>Reader</td> <td>2</td> </tr> <tr> <td>Dr. Upsana Sharma</td> <td>Lecturer</td> <td>1</td> </tr> <tr> <td>Ms. Neelam Singla</td> <td>Lecturer</td> <td>-</td> </tr> <tr> <td>Dr. Rohtash Bhardwaj</td> <td>Lecturer</td> <td>-</td> </tr> <tr> <td>Mr. Sarbjit Singh</td> <td>Lecturer</td> <td>-</td> </tr> </tbody> </table>	Name of the teacher	Designation	Sudents working for Ph.D.	Dr. H.S. Jhajj	Prof &Head	5	Dr. M.K. Sharma	Professor	1	Dr. P.C. Garg	Professor	2	Dr. D.K. Garg	Reader	2	Dr. Upsana Sharma	Lecturer	1	Ms. Neelam Singla	Lecturer	-	Dr. Rohtash Bhardwaj	Lecturer	-	Mr. Sarbjit Singh	Lecturer	-
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Dr. Upsana Sharma	Lecturer	1																										
Ms. Neelam Singla	Lecturer	-																										
Dr. Rohtash Bhardwaj	Lecturer	-																										
Mr. Sarbjit Singh	Lecturer	-																										
Faculty of Social Sciences																												
Department																												
Economics	Report of Rural Education used by Punjab & Haryana High Court in decision.																											
Geography	Dr. Yadvinder Singh's publication in a reputed national refereed journal has been invited by another Geographical Association (National Association of Geographers India) to be published in their new																											

	series of edited books. The theme of the paper is on "Hydrological Changes". The research findings have made an impact on Agricultural/ Environment/ man-made problems.
Public Administration	Actual Impact factor cannot be precisely calculated but our faculty members write and publish in well reputed journals with high impact factor.
Sociology & Social Anthropology	The works of faculty members have been fairly quoted by the other scholars.
Womens' Studies Centre	Dr. Manju Verma (Prof. Pol Sci), Director, Dr. Amandeep Kaur, Lecturer
Gurmat Sangeet Chair	The project of 31 main Raagas & 31 Raaga forms (62 in total) sung by Dr. Gurnam Singh - Professor & Head, and released by HMV recording company with the music notations in the form of publication named as Sikh Musicology is worldwide acknowledged rare work of art in the field of music as well as Gurmat Sangeet.
Law	Faculty members are engaged in the research activities like writing research papers, articles etc. One Faculty member is pursuing Ph.D. degree.
Dr. Balbir Singh Shitya Kendra (Dehradun)	Project Director Dr.Harbhajan Singh is a widely known personality in dialogue about Dasam Granth

15. Honours/Awards to the Faculty National and International

Faculty of Arts and Culture	
Department	
Fine Arts	Dr. Ambalicka Sood Jacob, Lecturer Participated in Miniature Painting workshop organized by I.I.A.S. Shimla, 26th May to 31st May, 2009. Paper presentation Kashmir University, Srinagar. September, 2009.

	<p>Associate ship in I.I.A.S. Shimla (HP). November 01 to November 30, 2009</p> <p>Paper presentation on Poetic references and Flora and Fauna as seen in Miniature Paintings. I.I.A.S. Shimla (HP), November, 2009.</p> <p>Kavita Singh, participated in Miniature Painting workshop organized by I.I.A.S. Shimla, 26th May to 31st May, 2009.</p> <p>Honour of getting invited to participate in Artists Workshop with Eminent artist Paramjeet Singh organized by Chandigarh Lalit Kala Academy as part of Chandigarh Art and Heritage Festival, 29th March to 1st April, 2009.</p> <p>Honour of participation & prestigious selection in Platinum Jubilee Art Exhibition organized by Indian Academy of Fine Arts, Amritsar, (Pb.), May, 2009.</p> <p>Honour of being offered a special corner in Children's Museum at Government Museum & Art Gallery, Sector-10, Chandigarh by the Director of the Museum and Chandigarh Administration for displaying one dozen Papier Mache Masks made out of waste material, 2009.</p> <p>Special Mural in Children's corner at Government Museum and Art Gallery, Sector-10, Chandigarh, 2009.</p> <p>Honour of having received prestigious 'Le Corbusier Scholarship' in Drawing Section by the Chandigarh Lalit Kala Akademy, 2009.</p>
Theatre and Television	<p>Dr.Sunita Dhir National award winning and State film actress, outstanding contribution towards Punjabi theatre and Punjabi Cinema, studied in Hawaii on joint Doctoral Research award from East West center, University of</p>
	<p>Hawai U.S.A. Dr.Navindra Behl National award winning playwright and television director, producer and actress, worked in films and serial written numerous scripts for serials and films. Published ten books.</p> <p>Dr.Yogesh Gambhir National School of Drama Graduate, Ph.D. from Punjabi University Patiala. Designed and directed numerous stage play, Directed many documentaries and films for T.V. A major U.G.C research project on "Reducing Stress through Theatre" approved in 2009.</p>

	<p>Dr.Gurcharan Singh Got many citations for productions of Repertory Theatre(as Prof.Incharge) Punjabi University Patiala.</p> <p>Dr.Jaspal Deol Junior Research fellowship from Ministry of Culture Govt.of India Best Actress award from Punjabi Academy Delhi.</p> <p>Mrs.Namrata Sharma Associated with eminent theatre directors of national repute. Worked for NFDC Project 'Tandav' and for EMMRC documentaries as subject expert.</p>
Faculty of Languages	
Department	
Linguistics & Punjabi Lexicography	<p>Dr. Joga Singh Executive Member, Linguistic Society of India, Pune. Member, Editorial Board, South Asian Language Review, New Delhi. Member, Advisory Board, Khoj Patrika, Punjabi University, Patiala. Executive Member, Kendri Punjabi Lekhek Sabha, Ludhiana.</p> <p>Dr. Suman Preet Member Consortium of Indian Languages Corpora Initiative (ILCI) HRD</p>
Punjabi	<p>Prof. Satish Kumar Verma Punjabi World Entertaine Sydney, Virasat Sydney, Sikh Community Centre Brisben</p>
Faculty of Life Sciences	
Department	
Zoology	<p>Prof. Harbhajan Kaur awarded with JS Datta Munshi Gold Medal by ISEC.</p>
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	<p>Dr Kamal Kinger and Dr. Umrao Singh are Executive Members of the National Congress for Defence Studies, Allahabad.</p>

Public Administration	Dr. Renu ,Reader and Head , chaired one technical session of an International Seminar on “ Women Development The Myth and the Reality “ organized by Govt. Mohindra College, Patiala on 8-3-2010, Dr. Rajbans Singh Gill, Sr. Lecturer, became Syndic, Panjab University, Chandigarh.
Religious Studies	Dr. Praduman Shah Singh (Sr.Lecturer) Sadhavi Parvati Jain International Award-2009 October, 2009 International Sadhavi Parvati Jain International Award-2009.
Punjabi University Guru Kashi College, Talwandi Sabo	Sh. P.D. Aggarwal Gold Madel NSS Department Pbi. Uni. Patiala. Dr. Anand Bansal Doctoral Fellowship award.
Yadawindra College of Engineering, Talwandi Sabo	Mr. Bal Krishan, Lecturer CE was awarded with The KF ANTIA memorial prize from Institution of Engineers India, Calcutta on 11.12.2009.

16. Internal Resources Generated

The Department of Resource Mobilization and Advancement was established in July 2004. This office deposits the amount received through donations (Indian and Foreign donors) in a bank account under Golden Heart Scholarship Scheme. The amount received through such donations is utilised for paying fees of the rural and poor students studying at Yadvindra College of Enggineering, Talwandi Sabo. The rural and poor students of this college are upgraded to four-years degree level course in engineering after 10+1 and 10+ 2. The fee is not being charged from the parents of the students during their study. The whole record of the donated amount is maintained in the Cash Book which is audited from time to time by the audit department.

The registration of the University has already been made through Registration No. Education-115310014 letter No. II/21022/71 (008) 2005/FCRA UUU dated 30-01-2006 with the Ministry of Home Affairs, Govt. of India under Foreign Contribution (regulation) Act 1976.

Accordingly, under the registration rules the details of account of donated amount (Indian and Foreign donors) is sent to the concerned department of Government of India on the prescribed proformas of FCRA.

The amount of Rs. 7,74,090/-has been received from Indian donors under golden Heart Scholarship Scheme.

Faculty of Arts and Culture	
Department	
Theatre and Television	Shows of The Cherry Orchard
Faculty of Business Studies	
Department	
School of Management Studies	The department generates resources from fee only. Total fee collected in year was Rs. 3,80,82,870.
Faculty of Education and Information Science	
Department	
Physical Education	Internal resources - The department generates resources for conferences and workshop from the promoters of health and sports.
Faculty of Engineering	
Department	
University College of Engineering	Rs. 16 Crores approx.
Faculty of Languages	
Department	
Linguistics & Punjabi Lexicography	Rs.1,60,000/-
Punjabi	The department has two scholarships in the name of Gian Singh Lajwanti Chawla. These are funded by Shri Gian Singh of USA.
Faculty of Life Sciences	

Department	
Botany	Though no internal resources is generated from financial point of view, yet the Department of Botany provides free consultancy in the form of guiding, providing guidelines and training in mushroom collection and identification to many Ph.D.. and M.Phil. students of other teaching institutions like Biosciences Department of H.P. Univeristy, Shimla, Tropical Botanical Garden and Research Institute, Kerala, CAS in Botany, University of Madras and RD University. Jabalpur.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Consultancy project "Biosafety testing of 'Jaymer', Bioplus Life Science, Hosur, Karnataka, India
Physiotherapy	Resource of income earned through OPD services in University & Geriatric centre (2009-2010)
Faculty of Physical Sciences	
Department	
Computer Science	Total fee collected for MCA and M.Tech Courses Rs 1,59,57, 659/-
Mathematics	The new courses started by the department are highly resource generating to Punjabi University, Patiala.
Statistics	We had started UG course B.Sc. (CSM) and generated approximately Rs. 30 lakh in the form of fees.
Faculty of Social Sciences	
Department	
Economics	Yes
Psychology	The department is running its own contributory library. The library has been updated every year with latest books and as per the subject options run in the department.

Sociology & Social Anthropology	Rs. 5 .41 lakh (Project an Tribes of Punjab and Intergenerational Occupational Change)
Research Departments	
Department	
Maharishi Valmiki Chair	Financial Assistance from Central Valmik Sabha International, UK
Gurmat Sangeet Chair	Gurmat Sangeet Chair is constructing Bhai Juala Singh Memorial Auditorium with the financial help given by the family of Bhai Avtar Singh and other Gurmat Sangeet lovers. Gurmat Sangeet Competition for the year 2010 was organized with the financial help of Panth Rattan Jathedar Gurcharan Singh Tohra Memorial Trust.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus Maur (Bathinda)	Setting up of high tech .computer lab, library and seminar room. Facility of R.O, generator and canteen were created

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

Faculty of Business Studies	
Department	
School of Management Studies	University Grants Commission keeping in view the potential of department in research and teaching has granted SAP status in the month of March. For this the UGC granted Rs. 42 Lakhs. The major objectives of the Special Assistance Programme (SAP) are as follows- To support the department in undertaking quality teaching and research in management education.

	<p>To meet societal needs and have society and industry interaction through different projects.</p> <p>To enhance infrastructure facilities. To utilize the output of research for the development of the nation and society.</p> <p>To train and create quality human resource in identified thrust areas.</p>	
Faculty of Engineering		
Department		
University College of Engineering	Rs. 9,79,300/-, UGC. Rs.15.30 Lakh, DST Rs. 14.80 Lakh, DRDO	
Faculty of Languages		
Department		
Punjabi	DSA (2004-2007, 2007-2009)- Rs. 28 Lakh UGC ASIHSS (2005-2010) Rs. 41 Lakh UGC.	
Faculty of Life Sciences		
Department		
Botany	Recognition Level	Assistance in the form of Grant
	FIST	Rs. 47 Lakh
	ASIST	Rs.57 Lakh + Project Fellow Grant
	SAP-III	Rs. 70.5 Lakh
Zoology	DRS – Phase I (Sanctioned in 2007) is in progress.	
Faculty of Medicine		
Department		

Pharmaceutical Science & Drug Research	DST-FIST Rs. 53 lakh, SAP Rs. 42.3 lakh
Faculty of Physical Sciences	
Department	
Chemistry	UGC SAP Rs. 62,00000/- CSIR Rs. 35,00000/- UGC Rs. 20,00000/- IndSwift Mohali Rs. 36,00000/- FIST Rs. 39,00000/-
Computer Science	FIST(Level 1) Rs. 25 Lakh Special Assistance Program, Thrust Area Digital Image Processing Rs. 51 Lakh
Mathematics	Department of Mathematics has been identified for DST FIST support.
Physics	FIST Programme of DST Rs.75.0 Lakh
Faculty of Social Sciences	
Department	
Religious Studies	Rs.10,50,000/- U.G.C. Centre for Buddhist Studies Rs. 8,70,000/- U.G.C. Centre for Guru Nanak Studies. "Both are under the U.G.C. Scheme of "Epoch Making Social Thinkers of India. Buddha, Gandhi, Nehru and Tagore".

18. Community Services

The details of the community services rendered by different University departments are given below

Faculty of Arts and Culture

Department	
Dance	Proposal to organize summer camp dance workshop has been implemented in June/July 2010 for University Campus Children.
Fine Arts	Several conferences and Seminars Aesthetic decoration conducted by the Department.
Gurmat Sangeet	The teachers and students of the Department are regularly giving Gurmat Sangeet performances at Gurdwaras and other sacred places as and when required as are possible within the Departmental schedule. A special Community Service program under the name of Gurdwara Assembly has been initiated.
Music	The department has participated actively in the functions organized by the University from time to time. The students, teachers and other faculty members of the department have performed extensively for the University and general public. Have also contributed towards creating awareness about classical and folk music.
Theatre and Television	Theatre productions of the department have always been based on subjects related to community service like education, farmers' suicide, drug de-addiction, female foeticide and promotion of cultural values and ethos in society. Department also contributes towards holding major functions for promotional activities in the campus.
Faculty of Education and Information Science	
Department	
Library & Information Science	Information Science Courses in DDE, Punjabi University teaching, (PCP) response sheets evaluation, paper setting and evaluation. Department faculty and student participate in Punjab Library Association activities to promote library ship in the state and in students community in the university.

Physical Education	Department organized following programme for community: Yoga Camp was organized frequently in university hostels, clubs, community halls and villages. Organized sports programme for university, hostels, various department colleges and villages. Organized health and fitness programme for disabled, deprived children of society.
Faculty of Engineering	
Department	
University College of Engineering	Fee concession to the poor students. Reservation for students from Rural area Through NSS activities like blood donation, tree plantation, spreading of message for clean and green environment, anti-drug campaign etc. On 16/02/2010, an awareness Rally on Aids and Global Warming was organized at Punjabi University, Patiala and 93 NSS volunteers had participated it. 12 NSS Volunteers attended Health Awareness Programme for women workers of PUP. 123 Volunteers attended one day camp organized at Science Auditorium of PUP. 260 Volunteer attended and donated blood at blood donation camp organized at Kala Bhawan, PUP.
Faculty of Languages	
Department	
Hindi	We always prefer to participate as a resource person in the workshops conducted by different schools, banks and other Govt. offices to enhance their Hindi Language skill.
Faculty of Law	
Department	
Law (Evening)	Department offered to the Community free legal Advice during working hours.
Law (Morning)	Conducted Free Legal-Aid and Legal Awareness Camps in villages.
Punjab School of	The Department organized a rally against "Drug Abuse

Law	to sensitize the people in general and students in particular”.
Faculty of Life Sciences	
Department	
Biotechnology	Milk Urea adulteration testing provided by Prof. Neelam Verma
Botany	Department of Botany provides free consultancy in identification of Plants to Environmentalists and Anti-pollution Societies. For plantation programmes Department also provides free saplings to the Educational Institutes (Schools/ Colleges etc.). Our department always plays a major role in the flower shows which are organized by our University from time to time.
Human Biology	In the form of research carried out to study demographic profile, labour migration, growth in slums, investigation of cranial angles, genetic characterization of people, influence of domestic violence on growth and development of children, health and psychosocial stresses of elderly people, the effect of change in lifestyle of cardiovascular patients,
	pulmonary functioning in bronchial asthma patients, red cell enzyme polymorphisms in different populations, maternal and child health studies and in the field of genotoxicity, mitochondrial, gene polymorphisms in Type II Diabetes and polymorphisms of certain enzymes such as GST which take part in biological detoxification processes are in progress.
Zoology	Outreach work is being carried out by Professors on Environment to sensitize student and teachers of schools and colleges.
Faculty of Medicine	
Department	
Physiotherapy	Department is serving mankind through our Out Patient department with nominal charges. Clinical teaching is a major component of the bachelor and masters study of physiotherapy. For acquisition of clinical material required for clinical training of the students department

	<p>runs two out patient departments (OPD)-one at university dispensary and other at model town . The OPD of model town Patiala caters specifically to the geriatric(old age) patient group. These OPDs have served to fulfill the university society linkage by offering direct service to the ailing society. A large number of patients afflicted with paralysis , arthritis , sports injuries , cerebral palsy , post fracture stiffness , back pain , neck pain , and several other conditions requiring physiotherapy intervention come to the OPD as no other center offering full fledged and physiotherapy services by highly qualified professionals exists in the Patiala both in government and non government hospitals. During 2009-2010 in the university OPD (Rs 2,58,060) whereas the respective figures for the model town Rs 88,230, Total Rs 346290</p> <p>Serving the children with special needs</p> <p>The post graduate students of the department under the guidance of faculty members of the department provide physiotherapy services to the mentally retarded and cerebral palsy children at Navjeevani- a school for mentally retarded children at sullar Patiala.</p>
Sports Science	<p>Prepare criteria for the selection of appropriate athletes based on physiological, biochemical and morphological capabilities.</p> <p>Dietary Counseling to the Sports persons and general population.</p> <p>Counseling to the sports persons for their training methods to make it more scientifically oriented.</p> <p>Produce basic Sports Science manpower.</p>
Faculty of Physical Sciences	
Department	
Chemistry	All sort of awakening is provided to the students in upliftment of their career through free consultancy.
Physics	To create the scientific awareness in the society, department organizes interaction programme with outside people to show solar and lunar eclipses.
University Computer Centre	Computer Centre has conducted short term ICT courses for the Under-privileged girls of rural areas and for the students of Post Graduate Diploma in “Women & Child Development” with the collaboration of “Women

	Study Centre” of the University.
Faculty of Social Sciences	
Department	
History	<p>Dr. Mohammad Idris, Lecturer, Department of History Yoga Camp. Organized by Department of Physical Education, Punjabi University, Patiala December 2to 8, 2009.</p> <p>UGC Sponsored Refresher Course in History, organized by Academic Staff College, Punjabi University, Patiala March 8 to 27, 2010.</p> <p>Yoga Camp organized by Department of Physical Education , Punjabi University, Patiala 14 to 19 June, 2010.</p>
Psychology	<p>Departmental Counselling Cell The department is providing community services in the form of the Counselling Cell in the department which is open to all without any honorarium. The counseling cell provides free Psychological Testing and Counselling Services to the university students and employees and is making a lot of effort to spread the awareness regarding</p>
	<p>the importance of mental and physical health and the relation between the two. The trained counselors of the department are trying to enhance and optimize the productivity and development of the students.</p> <p>'Psychofest' The annual event "Psychofest" offers free psychological testing on different parameters of mental health and functioning, viz. Stress, Coping, Personality, Intelligence, Interest, Aptitude, Creativity etc. The major focus in conducting the program is to create awareness about the existence of psychological help and availability with in their reach. This year the theme was “Towards Achievement and Success” and approximately 800 individuals were tested and counselled. Besides this, 200 Students attended the various workshops.</p> <p>Services to Local Schools & Colleges The department visits various schools and colleges on their request to provide testing & counseling in the areas like Career Choices, Motivation, Aptitude, Interest, Adjustment Problems, etc.</p> <p>Rural Camps The department is making a consistent effort to reach</p>

	<p>upto the rural population and sensitize them towards the betterment of their lives.</p> <p>The rural camps are organized every year to help rural students gain confidence, academic achievement and deal with mental health issues. Skills training workshops are also conducted. Other major problems of rural areas like substance abuse, AIDS, inappropriate parenting, hygienic problems are also addressed.</p> <p>Pre-Retirement Counseling</p> <p>The 'Pre-Retirement Counselling' is another major concern of the department which focuses on the university employees who are approaching retirement. The counseling prepares them for the upcoming changes in life and the ways to adjust with them; and the various ways and opportunities available to make the best of the second innings of their lives.</p> <p>F. Off Campus Counselling Services</p> <p>Counselling services are being provided at First IRB, Patiala, Air Force Base in Patiala and Commando Training Centre, Bhadaurgharh.</p>
Public Administration	<p>Dr.Geetinder Kaur , Lecturer, donated blood on October 1, 2009 celebrated as National Voluntary</p>
	<p>Blood Donation Day organized by Department of Transfusion Medicine PGIMER Chandigarh and State AIDS Control Society U.T. Chandigarh at Guru Gobind Singh College, Sector 26, Chandigarh. Tarandeep Singh , MA(Semester –I) student donated blood on National Blood Donation Day at NSS Camp , Punjabi University, Patiala.</p> <p>Department organized an Awareness March in collaboration with NSS Department of Punjabi University, Patiala our on Human Rights Day (10-12-2009).</p>
Social Work	<p>Since Field work is a integral part of Social Work curriculum following community welfare activites were organized.</p> <p>Seven health awareness camps.</p> <p>Six Drug De-addiction camps.</p> <p>Five awareness lectures</p> <p>Ten enrollment drives for out of School Children.</p> <p>Several other activities for welfare of girls, women and elderly. Collaborative and networking activities with institutional settings.</p>
Sociology &	<p>As a part of field-work the department undertook the</p>

Social Anthropology	issues of sex ratio at the village of Bijlipur district Ludhiana and village Ghrachon district of Sangrur
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	Departmental faculty delivered lectures and participated in various seminars.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Neighbourhood Campus Jaito, (Faridkot)	Awareness against drugs and girl foeticide.
Law	Legal Aid & Legal awareness being provided by the department and students to the public.
Punjabi University Regional Centre For Information Technology and Management, Mohali	Blood donation camp organized in March.
Department of Education Punjabi University Regional Centre, Bathinda	N.S.S. camp of B.Ed. students was organised.
Punjabi University School of Business Studies Guru Kashi Campus, Talwandi Sabo	Blood Donation Camp was organised.

Dr. Balbir Singh Shitya Kendra (Dehradun)	Consumer Council Meetings (10) World Congress of Human Rights Meetings(6) Kendra organizes Classical music programmes to serve the Community.

19. Teachers and Officers Newly Recruited

Non-Teaching Staff (2009-2010)

Regular	108
Adhoc	28
Contract	52
Part time	1

Teaching Staff (2009-2010)

Regular	50
Adhoc	11
Contract/Part-time	99

20. Teaching/Non-Teaching Staff Ratio

Total Non Teaching staff	=	2405
Teaching staff	=	719
Ratio=		3.34

21. Improvements in the Library Services

Bhai Khan Singh Nabha Library

University Library is the heart of the University. It caters to the requirements of all the teaching and Research Departments. During the year 2009-10, the Library made consistent efforts to reach out its clientele and took further initiatives in modernising its services to enhance the effectiveness of Library. These include:

1. Reading area has been extended for increasing sitting capacity.
2. The existing Reading Hall has been renovated, air-conditioned and provided with latest lighting system.

3. All the five floors of the library are being renovated and provided with latest lighting system. Ground floor, Ist Floor and 2nd Floors are being air-conditioned.
4. Library got funds for Elevator.
5. The 'website' of the library is being updated and its link is also provided on the homepage of University's website.
6. The library is digitizing manuscripts and 410 manuscripts have been digitized except Urdu and Persian during 2009-2010.
7. Library has started providing Library Membership Cards with Bar-code to its members.
8. Library got a grant of Rs. 35,00,000 for the installation of RFID system in the library.

Periodicals

Journals are being received both in Print and Electronic form. During the year 2009 –2010, University library has subscribed to 426 journals in different subjects. In addition to this, 150 journals have been received on gratis. Under UGC-Infonet programme through INFLIBNET, 4630 journals are being accessed online. Being member of INDEST-Consortium, 250 journals of Engineering are available online. Inter-library loan facility is being provided through DELNET by getting photocopy of research articles and books. Twenty two university libraries of India are sharing their resources online through JCC and Punjabi University Library is participating in this Consortium. Total value of printed and e-journals is about Rs. 50 lacs.

Strengthening of Library Services

1. Library Orientation Programmes were conducted during the first quarter of academic session. These programmes were guided by the Senior Professional Staff of the Library. Students were also accompanied by the faculty members of each department.
2. Each Stack Area is being supervised by the staff on duty. The staff assists in location of the relevant documents.
3. Inter-Library Loan Services have been strengthened. Library is a member of the DELNET as well as INFLIBNET's JCCC (J-Gate Custom Content Consortium) programmes. The requirements of the researchers are also fulfilled through other institutions.
4. Reference service is being provided manually as well as through Internet.
5. More than 40,000 users were provided personal assistance.
6. The photocopying services have been improved. Three persons from the staff remain on duty on six days of the week. Torn pages of books were also photocopied and inserted in the books.

Dr. Ganda Singh Punjabi Reference Library

1. Approximately 13,045 users used the Library.
2. About 40,000 books have been consulted by the users.
3. Punjabi Press Index was also circulated to the scholars in the field of Punjabi, Language, Literature, Sikhism, History and Punjabi Culture.

4. 1544 books were added in library collection and the cost of these documents is Rs. 2,20,915/-, 120 journals were subscribed which costed Rs. 6,585/-.
5. 10 Fire Extinguishers have been installed in the library.

Topical exhibitions were organised on eventful days i.e. Festivals, important National/International days and during Seminars, Conferences etc. Current awareness services; Periodicals received during a month. List of new additions, a list of books received in the library is circulated at regular intervals.

To enhance the effectiveness of the Library Services, following special measures were also taken during the year under consideration.

Training and Development of Staff

Library staff has been trained to provide computerised reference, circulation and bibliographic services. To improve their skills, the professional and para-professional staff were encouraged to attend various courses at local and national level. The senior staff members attended conferences and seminars. Seven staff members attended Refresher Course and Orientation Programme in Library & Information Science.

Collection Development

1. To enrich the existing collection the eminent persons in the field of Sciences, Social Sciences and Humanities are requested to donate their collections.
2. 7031 documents were added in library collection and the cost of these documents is Rs. 21,48,810. The total collection rose upto 4,86,074 during this year.
3. The lending services have been strengthened.

Faculty of Arts and Culture	
Department	
Theatre and Television	28 books recommended and purchased by Library 2008-2009. Price Rs 24,630/-For departmental audio/video Library cds, dvds films purchased amounting to Rs. 8500/-.
Faculty of Business Studies	
Department	
School of Management Studies	The departmental Library added oneJournal and large number of copies of new volumes of books. The total amount spent Rs. 3, 21,769.

Faculty of Education and Information Science	
Department	
Education and Community Services	Departmental Library is computerized.
Journalism and Mass Communication	New books, journals added
Library & Information Science	Classification and cataloguing of all the new books received during this period has been done. Library Catalogue is maintained properly. Book labels are pasted on all the books. Most of the students visit the departmental library daily. Library is providing circulation facility to all the faculty members, researchers and students.
Physical Education	A.C. reading hall facility is available. Open access to the departmental library is available to the student from 9.00 a.m. to 8.00 p.m. The books are properly catalogued under title, subject and author entries.
Faculty of Languages	
Department	
Linguistics & Punjabi Lexicography	Computer and Internet connectivity provided in the Department Library.
Faculty of Law	
Department	
Law (Morning)	Under consideration for Internet.
Punjab School of Law	The Department purchases books worth Re. 50,000/- every year in the beginning of the academic session. Besides this the Department subscribes Newspapers, Magazines and Journals.
Faculty of Life Sciences	

Department	
Biotechnology	The Departmental library facility has been improved by addition of more than 100 new books.
Botany	Presently, 3461 Books, a number of old journals and 15 latest journals transferred from the Central Library of University, 22 CDs of bookcopies of syllabi, question papers of Exams. and summaries of seminars are available in the departmental library. Online facility is provided for specialty journals.
Human Biology	Library services have been improved in the form of cataloging of books through computerization.
Zoology	Computer services have been provided in the library
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	New titles and editions of the existing titles of the text and reference books have been added to the inventory of the library.
Physiotherapy	Department of Physiotherapy is running its own department library with different reference books and internet connect for the students.
Sports Science	Providing internet facility in the library. Online Journals are being provided to the students.
Faculty of Physical Sciences	
Department	
Chemistry	About Rs. 40,000/- are spent in purchasing new books to update the library.
Computer Science	92 new books purchased as per the student and research requirements .
Physics	50 new reference and text books have been procured

	for the departmental library.
Faculty of Social Sciences	
Department	
Economics	Classification and Cataloguing of books is in process.
Geography	Offer of Donation of Books & Journals By Prof. G. B. Singh.
Psychology	In the Departmental Contributory Library, around 112 books have been added and at present, the total number of books is approx. 812. The Central Library has been updated with latest technology of book keeping and books circulation. More recently, it has been made fully air-conditioned for providing comfortable environment to the students. It houses more than 5000 books on psychology. It is able to cater to the needs of the
	students as the latest books are made available from time to time.
Religious Studies	Library building renovated, Books shifted on new wood racks.
Sociology & Social Anthropology	Department library has been improved upon by incorporating new books and Journals.
Research Departments	
Department	
Punjab Historical Studies	Upgraded the departmental library by providing 2-ACs, 2-Computers, printers and furniture for readers. Also more books on Punjab History were added to it.
Gurmat Sangeet Chair	Bhai Randhir Singh On-line Gurmat Sangeet Library has been constructed and Gurmat Sangeet Chair is taking steps for the digitization and onlining of books related to Bhai Randhir Singh and various books, articles, souvenirs on Gurmat Sangeet. For this purpose, near about 400 books have been collected which were donated by different Gurmat Sangeet lovers.

Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Neighbourhood Campus, Dera Baba Jogipir, Village Ralla (Mansa)	Purchased new books 314., Cost of all books Rs. 85454/-
Punjabi University Campus Maur (Bathinda)	New journals and books purchased for setting up department library.
Law	Books and law Journals with latest developments in the field of Law are being purchased.
Department of Education Punjabi University Regional Centre, Bathinda	Separate Reference Section was developed.
Punjabi University Guru Kashi College, Talwandi Sabo	Punjabi University Guru Kashi Campus, Talwandi Sabo has a common Central Library for its three departments namely 1. Punjabi University Guru Kashi College, 2. Yadwindra College of Engineering 3. University School of Business Studies. No new service in the Library introduced CCTV are installed.
Yadawindra College of Engineering, Talwandi Sabo	Online Journals has been started accessing via Punjabi University Patiala and made available to staff and students.
Dr. Balbir Singh Sahitya Kendra (Dehradun)	Computerization of Library Books is going on.

22. New Books/Journals Subscribed and Their Value

Faculty of Arts and Culture

Department	
Fine Arts	60 books value Rs. 90,000/- added.
Music	Around 100 books have been purchased value Rs.50,000/- approximately.
Theatre and Television	28 books recommended and purchased by Library. Price Rs 24,630/-. For departmental audio/video Library cds, dvds films purchased amounting to Rs 8500/-
Faculty of Business Studies	
Department	
School of Management Studies	The departmental Library added one Journal and large number of copies of new volumes of books. The total value spent Rs. 3, 21,769.
Faculty of Education and Information Science	
Department	
Centre for Advanced Media Studies	CAMS has purchased journals and books related to the subject valued at Rs. 85000/-.
Faculty of Languages	
Department	
English	We have bought books worth Rs.20,000/- for the Departmental Library.
Hindi	New books have been purchased by the main library from the grant allocated for the subject of Hindi.
Linguistics & Punjabi Lexicography	Number of Books purchased : 176 Value Rs. 25,000/-
Punjabi	The department has purchased books for departmental library as given below Under DSA scheme- Total Books purchased 255, Amount-Rs 46086/ Under ASIHSS scheme- Total books purchased 632,

	Amount- Rs 129535/
Faculty of Law	
Department	
Law (Morning)	Purchased 27 books valued Rs. 12500/- other than regular subscription.
Punjab School of Law	The Department purchases books worth Re. 50,000/- every year in the beginning of the academic session.
Faculty of Life Sciences	
Department	
Biotechnology	The Departmental library facility has been improved by addition of more than 100 new books.
Botany	Approximately Rs.2,02,500/-
Human Biology	New books including multiple copies of text books have been purchased in the year 2009-10
Zoology	35 New books purchased.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	New titles and editions of the existing titles of the text and reference books have been added to the inventory of the library.
Physiotherapy	29 new books for Rs. 17,474/- purchased and 4 journals subscribed.
Sports Science	About 35 new books have been provided to the students through internal facility.
Faculty of Physical Sciences	
Department	
Chemistry	Some journals periodicals are obtained in hard copy form while costly journals are available online.

Computer Science	Books purchased by the Department library 32 Books purchased through main library 60 (Amount Rs. one lac approx.)
Physics	This process is done by the Main library of the University. Most of the journals are E-journals available internet.
Statistics	The journals are purchased by University Main Library as per grant allotted by the University to the department.
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Numbers of important reference books covering various dimensions of subjects have been purchased by University Library on the recommendations of the Department. (Details available with the Main Library).
History	New books and Journals recommended by the faculty in the main library worth Rs 20,000/-
Philosophy	Books and Journals worth Rs. 25,000(approx.).
Psychology	During the year 2009-10, books worth Rs. 24,773/- were added in the psychology section of library. Grant of Rs 1,00,000/- is allocated for subscribing journal in the field of psychology.
Political Science	Books University Fund 35, UGC Fund= 1 Total Books= 36 University Fund= Rs. 20987/-, UGC Fund= Rs. 676/- Total = Rs. 21635/- Journals = 7, Total= Rs. 23973/-
Public Administration	69 Books; for Rs. 39,752/- 5 Periodicals worth Rs. 1,06,748/-
Religious Studies	About Rs. 35,000/- spent on new books
Social Work	Purchased books as per the allocated budget of the main library Rs. 40,000/- including 04 online journals.

Sociology & Social Anthropology	Yes, About 21 New books on Sociology acquired and donated by the teachers in the departmental library to support teaching and learning. Total number of books in the library is 870.																		
Distance Education Department																			
Distance Education	1278 books were purchased for the departmental library, their approximate value is Rs. 7 lac. Journals subscribed and their values																		
	<table border="1"> <thead> <tr> <th>Name of Journal</th> <th>Annual Subscription</th> </tr> </thead> <tbody> <tr> <td>Economic and Political Weekly</td> <td>Rs. 3000/-</td> </tr> <tr> <td>Political Economy</td> <td>Rs. 160/-</td> </tr> <tr> <td>University News</td> <td>Rs. 800/-</td> </tr> <tr> <td>Down to Earth</td> <td>Rs. 360/-</td> </tr> <tr> <td>Social Scientist</td> <td>Rs. 500/-</td> </tr> <tr> <td>Frontier</td> <td>Rs. 160/-</td> </tr> <tr> <td>Indian Journal of Applied linguistics</td> <td>Rs. 500/-</td> </tr> <tr> <td>Indian Journal of Open Learning</td> <td>Rs. 1500/-</td> </tr> </tbody> </table>	Name of Journal	Annual Subscription	Economic and Political Weekly	Rs. 3000/-	Political Economy	Rs. 160/-	University News	Rs. 800/-	Down to Earth	Rs. 360/-	Social Scientist	Rs. 500/-	Frontier	Rs. 160/-	Indian Journal of Applied linguistics	Rs. 500/-	Indian Journal of Open Learning	Rs. 1500/-
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Frontier	Rs. 160/-																		
Indian Journal of Applied linguistics	Rs. 500/-																		
Indian Journal of Open Learning	Rs. 1500/-																		
Research Departments																			
Department																			
Professor Harbans Singh Encyclopaedia of Sikhism	Department purchased 51 new books for Rs. 22,645/-																		
Punjab Historical Studies	26 books purchased worth Rs. 12,000/- 32 books (transferred from Main Library Department Library. 85 books are received as Gratis 38 M.S. are digitalized 50 M.S. are translated 204 files of Oral History Cell are bounded.																		
Sri Guru Granth Sahib Studies	Rs. 5,000/- approximately spent on purchase of books.																		
Punjabi University Neighbourhood Campuses																			
Department																			

Punjabi University Campus Maur, (Bathinda)	<p>Indian journal of marketing with cost of Rs 100 per issue</p> <p>Indian journal of finance with cost of Rs 100 per issue</p> <p>Indian journal of economics and business with cost of Rs 167 per issue</p> <p>Vikalpa the journal of decision making with cost of Rs 125 per issue</p> <p>Drishtikon - A management journal with cost of Rs 500 per issue</p> <p>Prabandhan -Indian journal of management with cost of Rs 125 per issue</p> <p>Economic and political weekly with cost of Rs 50 per issue</p> <p>Yojana with cost of Rs 20 per issue</p> <p>Harvard business review with cost of Rs 333 per issue</p> <p>IMS -Manthan with cost of Rs 72 per issue</p> <p>Total 318 volume of books with 137 titles were purchased with value of Rs 125064/-.</p>
Department of Education Punjabi University Regional Centre, Bathinda	More than 100 new books were added to the library stock. An amount of Rs. 45000 was spent for the purchase of books and for subscribing to journals, magazines and newspapers.
Punjabi University Guru Kashi College, Talwandi Sabo	<p>Number of Books Purchased = 1984</p> <p>Value of Books = Rs. 4,67,857/-</p> <p>Journals/ Magazines = 14</p> <p>News paper Titles = 07</p> <p>Total copies = 14</p>
Yadwindra College of Engineering, Talwandi Sabo	No of Books added 1984, Value of Books Rs. 4,67,857/-, Value of Magazines purchased Rs. 10,894/-

23. Courses in Which Student Assessment of Teachers is Introduced and the Action Taken on Student Feedback

Faculty of Arts and Culture	
Department	

Dance	As per University norms.
Music	Music being a practical subject, feed-back comes from the students during teaching only. The importance of teacher or guru is the utmost in music and he/she has to deal with the students individually as every student has a different mindset and potential.
Theatre and Television	Program has been initiated in this session.
Faculty of Business Studies	
Department	
School of Management Studies	Teachers Assessment in all courses like MBA (Regular), MBA (CC), MBA (Global) MBA have been introduced.
Faculty of Engineering	
Department	
University College of Engineering	Feedback is taken from B.Tech. 4 yrs. Courses and feedback from students was discussed at the time of revision of curriculum, grading system and fee.
Faculty of Languages	
Department	
English	Yes, a large majority is happy with the teaching staff and have ticked the good or very good columns. About 20% of the responses state that it is satisfactory.
Linguistics & Punjabi Lexicography	Assessment of teachers by the student not introduced.
Punjabi	Teacher assessment is being carried in our department. The feedback given by students is seriously considered in improving and changing teaching methods
Faculty of Law	
Department	

Law (Morning)	Introduced in transparent manner in LL.B. Course and responses are found satisfactory.
Faculty of Life Sciences	
Department	
Biotechnology	Yes, the department has introduced assessment of teachers by the students. However for current year the process of assessment is in the process.
Botany	Yes, at M.Sc. & M.Phil level and amendments in the syllabi and other suggestions have been taken care accordingly.
Human Biology	Feedback has been received from the students and updating of syllabi as per UGC/ CSIR (NET), improvement in teaching and designing of seminars, quizzes and assignments are being undertaken
Zoology	The department has already started the assessment of teachers by students through a system where in the students were asked to fill up the questioners pertaining to their studies and facilities provided to them.
Faculty of Medicine	
Department	
Physiotherapy	Working towards implimentation in coming academic year.
Faculty of Physical Sciences	
Department	
Mathematics	Students Reaction survey will be started shortly.
Physics	No, but otherwise the general feedback of the teachers provided by the students is good. Any problem by the students reported to the Head of the Department is solved by concerned teachers, HOD and students (mutually).
Faculty of Social Sciences	
Department	

Defence & Strategic Studies	As per University rules.
Geography	Student Feed Back was initiated.
Philosophy	The process has been initiated.
Psychology	The general assessment done by students reflected a good satisfaction level of the students so far as teaching, accessibility of the teachers, congeniality in the department, library etc. are concerned. Students suggestions are invited regularly for the required improvements.
Religious Studies	All M.A. and M. Phil. courses
Social Work	Students are asked for their feed back from time to time with regard to courses/syllabus.
Sociology & Social Anthropology	M.A. Part-I & II and M.Phil
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus, Maur (Bathinda)	Feed back was positive and students were satisfied with the performance of teachers.
Punjabi University Regional Centre/Neighbourhood/Colleges	
Department of Education Punjabi University Regional Centre, Bathinda	At B.Ed. and M.Ed. level student assessment of teachers was introduced

24. Feedback from Stakeholders

Faculty of Arts and Culture	
Department	
Fine Arts	Students were encouraged to pinpoint weaknesses in the curriculum.
Gurmat Sangeet	Students were encouraged to pinpoint weakness in the curriculum and Department has made special efforts to improve accordingly,
Music	Music being a practical subject, feed-back comes from the students during teaching only. The importance of teacher or guru is the utmost in music and he/she has to deal with the students individually as every student has a different mindset and potential.
Theatre and Television	Stakeholders are the major participants in the activity.
Faculty of Business Studies	
Department	
School of Management Studies	The School of Management studies has introduced a feedback system from students for further improvement in the working of the department. Department has designed a feedback system to judge the overall feelings of students about teachers' behavior, teaching methodology, facilities or infrastructure availability. Every class has its own class representative who interacts with class coordinator frequently for students grievances of the department.
Faculty of Engineering	
Department	
University College of Engineering	Feedback was taken from stakeholders. According to them in some areas the students are lacking. The same was discussed and some short courses are offered to students to overcome the deficiencies.
Faculty of Languages	
Department	

Hindi	We always encourage our students to highlight the weaknesses in our system.
Faculty of Law	
Department	
Law (Morning)	Informal interaction with the former students, their employers, advocates, judges is undertaken by the faculty members so as to get feedback for the review of curricula.
Faculty of Physical Sciences	
Department	
Chemistry	Parents of the students are consulted for the feedback.
Faculty of Social Sciences	
Department	
Geography	Students were encouraged to point out weaknesses in the Course Work. Everything positive came out.
History	Students were encouraged to pinpoint weaknesses in the curriculum.
Philosophy	Students are encouraged and asked from time to time to deliberate upon changes needed in curriculum, teaching, methods, etc.
Psychology	The general assessment done by students reflected a good satisfaction level of the students so far as teaching, accessibility of the teachers, congeniality in the department, library etc. are concerned. Students suggestions are invited regularly for the required improvements.
Political Science	Yes
Public	Yes

Administration	
Religious Studies	Students are encouraged to speak freely about the Departmental activities.
Sociology & Social Anthropology	Yes. In each semester student feed back is gathered.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus Maur (Bathinda)	Feed back was positive .Showed satisfaction with development of campus and performance of faculty.

25. Unit Cost of Education

Unit cost of education is Rs. 49,771/- (As per Campus students)
Rs. 45, 096/- (As per campus and distance education students)

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

Faculty of Arts and Culture	
Department	
Dance	As per University norms.
Fine Arts	University has already done computerization of the Administration process office services, examination result, issuing of certificates/degrees.
Gurmat Sangeet	Clerical staff is using basic computerization procedure of admission process i.e. by way of feeding admission data in the spreadsheet or document form. Broadband internet service including Wifi facility has been provided in the Department. This service enabled the networking of the whole Department which results in the file and printer sharing of all computers of the Department.
Music	The official work including the admission procedure is computerized. Senior Professors of the department also have computer and internet access.

Theatre and Television	Internet Service
Faculty of Business Studies	
Department	
Commerce	The official work including the admission procedure is computerized. Senior Professors of the department also have computer and internet access.
School of Management Studies	The admission in MBA programme is done through MET test conducted at State level. For the previous year test was conducted by Punjabi University. The whole process of counseling is totally computerized. SMS is developing a system of computerized time table system.
Faculty of Education and Information Science	
Department	
Library & Information Science	The Department has been using computers for admission process for the last many years.
Physical Education	The department is fully computerized in the process of admissions, examinations, issue of certificates etc.
Faculty of Engineering	
Department	
University College of Engineering	Admission is through online counselling conducted by PTU, Jalandher.
Faculty of Languages	
Department	
English	The administrative work and admission process in the Dept. is computerized.
Hindi	University has already done computerization of

	Administration Process, office services, examination results, issuing of certificate/degrees.
Linguistics & Punjabi Lexicography	University has already done computerization of Administration Process, office services, examination results, issuing of certificates/degree.
Punjabi	Process of admission to various courses run by the Department is fully computerized.
Sanskrit & Pali	Computer is being used
Faculty of Law	
Department	
Law (Morning)	Yes, University has a provision of computerization of admission process, examination results, issue of certificates and degrees to LL.B., LL.M. & Ph.D.. students.
Punjab School of Law	The process of admission, examination results, issue of certificates and official work are done with the help of computer.
Faculty of Life Sciences	
Department	
Biotechnology	Office computer is provided with and new printer.
Botany	Most of the office work is computerized
Human Biology	Not Yet computerized.
Zoology	Admission process is computerized.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug	The result of entrance test of B. Pharm. is computed confidentially by scanning the OMR sheets of the

Research	candidates and the merit list is prepared by computer.
Sports Science	Information regarding the admission of the students in various courses is given on the University website.
Faculty of Physical Sciences	
Department	
Chemistry	Admission of every class is carried out through adopting partial computerized method.
Computer Science	Maintained by examination branch of the University.
Mathematics	Admission process has been computerized to a great extent.
Physics	Administrative work is fully computerized. The process of admissions, examination results and issue of certificates are fully supported with IT gadgets
Statistics	Admission process has been already computerized.
University Computer Centre	Admissions to the several courses are being done through entrance tests. These entrance tests are being conducted by the University itself. All the related activities like preparing the cut lists by scanning the OMR sheets, random allocation of roll numbers and centres, evaluation of answer sheets, compilation of results and merit lists, issuing of certificates and centralized counseling have been computerized. Several state levels combined entrance tests have also been conducted by the University.
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Yes. The whole process of admission, results, issuance of certificates and administration is computerized.
Economics	University has already done computerization of Administration Process, office services, examination results, issuing of certificates/degrees.
Geography	Computerization has been done in office work.

History	University has already done computerization of Administration Process, office services, examination results, issuing of certificate/degrees
Philosophy	For the process of admission and examination ,results and issue of certificates, etc. university has a fully computerized System.
Psychology	The Department profile has been put up on university site, which covers information regarding the various courses available as well as faculty. The site is updated every year. Apart from this, the whole admission
	process in the year 2009-2010 which includes listing, preparation of merit lists, calculations, entries of forms etc. was all computerized.
Political Science	Already has been done by the University
Public Administration	University has already done computerization of Administration Process, office services, examination results, issuing of certificates/degrees.
Religious Studies	Administrative and Admission process is held through computers.
Social Work	University has already done computerization of Administration process, office services, examination results, issuing of certificates/degrees.
Sociology & Social Anthropology	Yes, Department has established a computer lab in which five computers are added with facility of internet, Printer and Scanner, all students has been allowed to use this facility and have been allotted passwords for this purpose.
Distance Education Department	
Distance Education	Prospectus of the Department available online Computerization of the data related to the students for speedy admission process. Production unit is fully computerized. Computerization of B.Ed. and M.Ed. entrance tests Online results Department website is maintained and regularly updated providing information regarding admission

	dates, PCP schedules etc.
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	University has already done computerization of admission process, office services, examination results, issuing of certificates/degrees.
Sri Guru Granth Sahib Studies	University has already computerized the administrative process, office services, examination results, issuing of certificates/degrees.
Maharishi Valmiki Chair	Computer is being used.
Punjabi University Neighbourhood Campuses/Regional Centre/ Colleges	
Department	
Punjabi University Campus Maur (Bathinda)	Computer trained staff provided with high tech computers which maintain student data base for process of admission and examination .
Department of Education Punjabi University Regional Centre, Bathinda	The admission to B.Ed. course was through on-line counseling process
Yadawindra College of Engineering, Talwandi Sabo	Computers are given to each office staff with 24 hour internet connectivity. The admission is through online counselling of Punjab Technical University, Jalandhar The admission notices are also put on the website of the university. Syllabus of all the disciplines is available on the website.
College of Engineering Punjabi University Neighbourhood Campus,	Computer & Internet facility is accessible for students, teachers& non-teaching staff. Training to teacher is provided through faculty development program and various workshops.

Rampura Phul	
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27. Increase in the Infrastructural Facilities

Work Completed:/Under Construction in April 2009 to March 2010.

Sr. No	Description	Estimated Cost	Expenditure up to 31-3-2010	Status
1	Construction of building for the department of MBA and Computer Science at Punjabi University Patiala	Rs. 19,72,00,000/-	Rs. 2,36,73,04/-	under Construction
2	Construction of Multi storied hostel for Boys (B- block of Banda Singh Bahadur Hostel) including Warden residence and servant quarter for Colleg of Engineering at Punjabi University Patiala	Rs. 13,80,39,300/-	Rs. 2,97,78,366/-	under Construction
3	Construction of Multi storied teaching block	Rs. 19,02,99,000/-	Rs. 3,53,91,476/-	under Construction

	including Roads (Second Phase) for College of Engineering at Punjabi University Patiala			
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Sr. No	Description	Estimated Cost	Expenditure up to 31-3-2010	Status
4	Construction of Multi storied Teaching block at Punjabi University Neighbourhood Campus Jhuneer.	Rs. 2,25,00,000/-	Rs. 1,44,86,509/-	Completed
5	Construction of Multi storied Teaching block at Punjabi University Baba Jogi Peer Neighbourhood Campus Ralla.	Rs. 2,25,00,000/-	Rs. 1,54,33,230/-	Completed
6	Construction of Workshop at Punjabi University Campus, Rampura Phul.	Rs. 5,43,75,165/-	Rs. 4,76,23,250.00/-	Completed
7	Construction of Media Centre at Punjabi University, Patiala	Rs. 3,04,09,000/-	Rs. 1,15,599.00/-	under Construction

Faculty of Arts and Culture	
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Department	
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Dance	02 rooms- G2 and G3
Fine Arts	Three screens for Art Gallery to enhance the display during exhibitions and provided storage space for the canvases drawn during the workshops. One Overhead Projector purchased. Three rollers for Graphic Print Making purchased.
Gurmat Sangeet	Computer along with printer and other computer accessories has been purchased by Department. Furniture for Head of the Department and Chairs for the students have also been purchased.
Music	Department is trying to increase the infrastructural facilities which are not adequate at present.
Theatre and Television	Studio Furnishing.
Faculty of Business Studies	
Department	
School of Management Studies	SAP office and research lab for faculty has been developed during the session out of SAP funds.
Faculty of Education and Information Science	
Department	
Library & Information Science	Network connectivity to 8 terminals in computer laboratory and in other rooms in the department.
Physical Education	Purchased steadiness tester and Depth perception equipment for psychology lab.
Centre for Advanced Media Studies	Computer Lab was established with the objective of acquainting the students with the fundamentals of information Technology.
Faculty of Engineering	
Department	
University College of	Extension of Teaching block started to create extra space of 8000 Sq.ft. for teaching and administrative purpose. 40

Engineering	computers worth Rs. 10 Lakhs purchased for setting up new computer lab.
Faculty of Languages	
Department	
Punjabi	The Department has established a Digital language lab worth Rs 8,04,536 during this period. This language lab has the capacity of 25 students to learn the language skills on desktops with the help of language learning software.
Faculty of Law	
Department	
Law (Morning)	Class rooms have been renovated according to recent requirements.
Faculty of Life Sciences	
Department	
Biotechnology	Development of a dedicated immunology lab.
Botany	The following infrastructural facilities have been added: Class Podium 1 Seed Germinators 1 High Capacity on line UPS 4 Multimedia Projectors 2 BOD Incubators 2 Digital Visual presentater 1 Triocular Microscopes 3 MIKPS Cameras 2 Digital Camera 1
Human Biology	Grants of Rs 36 Lakh from DST(FIST Scheme) have been used for strengthening of infrastructural facilities in the department.
Zoology	New Microscopes, Photographic equipments, BOD incubators and spectrophotometers were added in the infrastructural facilities. A new vehicle has been purchased for field work by scholars and teachers.
Faculty of Medicine	

Department	
Sports Science	Technology based educational facilities are being used to make teaching and practical consultancy demonstration more effective.
Faculty of Physical Sciences	
Department	
Chemistry	To facilitate the research work and teaching high tech computer lab. is set up and simians are presented using LCD project.
Computer Science	New computer science building is under construction
Mathematics	Computer Lab and Research Lab are being established.
Physics	The department has created following infrastructural facilities during this period Nitrogen Laser Pumped Dye Laser for time resolved laser spectroscopy Triply Deionized Water Distillation Unit Department have two Photostat Machines Experimental set up for synthesis of quantum dots and wires.
Statistics	02 Laptops and 02 Computer tables were purchased.
University Computer Centre	List of infrastructural facilities available Appendix-B Infrastructural facilities increased during 2009-10. Appendix C
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	New furniture that is, book-racks, computer tables and almirah were purchased.
Geography	Seminar room has been furnished.
History	Renovation of rooms of HOD and Professors completed.
Public Administration	One HCL PC and one HP Laser Printer purchased
Religious Studies	New furniture, equipments are bought and building is centrally air-conditioned, computer, laptop is established in Department.

Sociology & Social Anthropology	The admission in the examination and internal examination process has been improved.
Research Departments	
Department	
Punjabi Literary Studies	One Photostat machine purchased.
Sri Guru Granth Sahib Studies	Renovated multicultural hall with all modern facilities.
Gurmat Sangeet Chair	Inauguration of Bebe Nanaki Park was done on 8th March, 2010 by Dr. Jaspal Singh, Vice Chancellor Punjabi University, Patiala. Gurmat Sangeet Chair is constructing Bhai Juala Singh Memorial Auditorium with the financial help given by the family of Bhai Avtar Singh and other Gurmat Sangeet lovers.
Punjabi University Neighbourhood Campuses/Regional Centres/Colleges	
Department	
Punjabi University Campus Maur (Bathinda)	Setting up of high tech .computer lab, library and seminar room. Facility of R.O ,generator and canteen were created
Guru Kashi International Centre for Sikhs Studies Regional Centre, Talwandi Sabo	Development of computer labs and Internet facility is in process.
Department of Education Punjabi University Regional Centre, Bathinda	New generator was installed in the campus.
Yadawindra College of Engineering,	New workshop Block (No. 2) became operational in 1012 sq.m. with 08 staff offices, 08 lecture halls and three laboratories in the YCoE .

Talwandi Sabo	
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28. Technology Upgradation

Faculty of Arts and Culture	
Department	
Gurmat Sangeet	Bhai Randhir Singh On-line Gurmat Sangeet Library is being set up in the Department. The books related to Gurmat and Gurmat Sangeet are being digitized. A website is being created to display the Research Material.
Theatre and Television	Studio Furnishing.
Faculty of Business Studies	
Department	
School of Management Studies	Department is using internet effectively for internal communication and communication with the students as well. Department has launched user friendly internet site for better interaction among staff and students.
Faculty of Education and Information Science	
Department	
Education and Community Services	Departmental computer lab with 10 computers and internet facility.
Library & Information Science	Departmental Computer laboratory and Departmental Office printing systems upgraded from dot matrix printers to laser printers.
Physical Education	Department has purchased Audio Visual aid equipment such as sound system and L.C.D. Projector.

Centre for Advanced Media Studies	10 Computers Desktops and Cannon XL2 Video Camera with 20xzoom facility were purchased.
Faculty of Engineering	
Department	
University College of Engineering	Computer labs, Digital and Analog Circuit labs, and Digital System Design labs were further strengthened, .
Faculty of Languages	
Department	
Hindi	T.V., V.C.D. installed.
Faculty of Law	
Department	
Law (Morning)	Common facilities available in University Library and Computer Centre.
Faculty of Life Sciences	
Department	
Biotechnology	NRDC approached for commercialization of Copper biosensor. NRDC approached for commercialization of probiotic fruit juice and fortified yoghurt.
Botany	To modernize various labs., the equipments/ items were purchased during this period. Class Podium 1 Seed Germinators 1 High Capacity on line UPS 4 Multimedia Projectors 2 BOD Incubators 2 Digital Visual presentater 1

	Triocular Microscopes 3 MIKPS Cameras 2 Digital Camera 1
Human Biology	For technological upgradation laboratories of the department have been upgraded with the addition of new latest equipments.
Zoology	PCR lab, Digital Image processing unit have been strengthened.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	The following new equipments have been added Freeze dryers Ultrasonicator probe
Physiotherapy	Teaching methods upgraded with AV aids, Seminars, Journal club and case presentation
Sports Science	New Equipments has been installed in Biochemistry of Exercise, Health Fitness labs. and Exercise Physiology.
Faculty of Physical Sciences	
Department	
Chemistry	New Instruments like CH Analyzer Fluorometry are being purchased.
Physics	Laboratory Computerization and class rooms fitted with multimedia
Statistics	Main Server is made in working condition.
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Two Computers and one printer were purchased.

Geography	Use of OHP for Class Room teaching has been started.
History	Renovation of rooms of HOD and Professors completed.
Religious Studies	New computers, Printers and LCD Projector for class rooms.
Sociology & Social Anthropology	Internet connectivity provided.
Distance Education Department	
Distance Education	12 computers, 5 printers with original Windows and related software and one mobile phone have been purchased.
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	Department purchased one fax machine, two laptops, one photostat machine, one multi-function printer and two simple printers. 5 Computers with internet connection
Punjab Historical Studies	Two Computers with printer installed in the Department library
Maharishi Valmiki Chair	Broadband Internet service including Wifi facility has been provided in the Department. Direct Internet line from the Computer Centre, Punjabi University has been provided to the Department with high internet speed. For the internet and networking facility, near about Rs. 4 lakh have been approved from University Budget.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus, Maur (Bathinda)	Setting up of high tech .computer lab with internet connection of 2MBPS, intercom connection of whole campus.

Guru Kashi International Centre for Sikhs Studies Regional Centre, Talwandi Sabo	Internet facility in Computer Labs. provided.
Department of Education Punjabi University Regional Centre, Bathinda	Department is having Computer laboratory with internet facility. Staff members can access it, whenever required.
Yadawindra College of Engineering, Talwandi Sabo	SOLIDWORKS software was purchased for CAD LAB (30 user network licence) INTERACTIVE BOARD and INTERACTIVE PAD are installed in CAD LAB (one each) OPTISIM software (05 user network licence) Complete Internet connectivity of WORKSHOP block to the campus (All laboratories, all shops of workshop, all Lecture Halls, all Faculty Offices etc.)
Punjabi University Dr. Balbir Singh Sahitya Kendra	Installation of Invertors to ensure continuance of work alone.

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

The Staff Training and Development Cell has imparted computer knowledge and training to more than 25 university teachers/researchers. A workshop with the assistance of faculty from the School of Management Studies was also organized by the Cell from 6.12.2010 to 18.12.2010 to apprise them about the SPSS programme and MS Excel which are considered quite useful for data analysis in research work.

The cell has also sponsored 15 teachers from different departments to participate in FDP programmes regarding computer and internet access.

Apart from the above, some employees of the University have been provided basic computer training with emphasis upon MS word, internet etc.

Faculty of Arts and Culture

Department	
Fine Arts	One Computer only for teachers.
Gurmat Sangeet	All the teachers have independent User Id to access internet and are well aware with the basic features of Internet.
Music	Computer and Internet Access is available for the Senior teachers only.
Theatre and Television	Computer and Internet Access has been provided to all teachers, non-teaching employees and students.
Faculty of Business Studies	
Department	
Commerce	Access to computer and internet is provided to all teachers, non-teaching staff and students.
School of Management Studies	All Non-teaching and Teaching staff had been allotted their separate logins for the access of internet. Training is also provided to staff on new up gradations of software usage of computers.
Faculty of Education and Information Science	
Department	
Education and Community Services	Personal computers are provided to senior teachers of the department. The department computer lab is accessed by the students, teachers and research scholars of the department during the working hours. Students are trained for the use of internet, statistical analysis using computer and other MS-Office application.
Journalism and Mass Communication	Yes
Library & Information Science	Students of MLISc and BLISc have one full paper on Information Technology (IT). Students are trained in the use of computers, and Internet access is offered to them in the Departmental Computer Laboratory. Faculty and researchers regularly use computer and internet facilities in the department

	for their study and research work.
Physical Education	The department has computer lab with latest configuration and their participants. The internet facility is provided free of cost to all the faculty members and students round the clock.
Centre for Advanced Media Studies	Internet facility to students and faculty is provided through University Computer.
Faculty of Engineering	
Department	
University College of Engineering	Computer & Internet access is provided to all faculty members and students. Being a technical stream, no training is required for faculty members and students. Training to non-teaching staff is given on need basis.
Faculty of Languages	
Department	
English	University provides computer training facilities from time to time at the University Computer Centre.
Linguistics & Punjabi Lexicography	Computer and Internet Access provided to all teachers and students
Punjabi	All the teachers of the department have internet access in their rooms. A computer lab with internet access is also available. All the students and non teaching staff have open access to lab.
Sanskrit & Pali	Training availed in Computer Centre.
Faculty of Law	
Department	
Law (Morning)	Common facilities available in University Library and Computer Centre.

Punjab School of Law	The Department has been provided with Computers and has access to internet. Training to teachers and non teaching staff of computer is done at University level.
Faculty of Life Sciences	
Department	
Biotechnology	All teachers, Ph.D.. Scholars and students have own account in the internet with individual passwords.
Botany	Most of the teachers, research scholars and students know how to operate computers and they usually access internet without any difficulty. University Computer Centre provides necessary training to those students of the University who do not know how to operate computer.
Human Biology	Computer and internet access is available to all teachers, research scholars and students
Zoology	All teachers have Computers with internet service A Computer Lab provided to Non-teaching staff and students for internet access.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	All teachers are provided with personal computers with access to internet on their tables. In addition, 04 computers have internet connection for the use of M. Pharm. students.
Physiotherapy	Yes, Department has provided computer & internet facilities to teaching, non teaching staff and students.
Sports Science	Every teacher is provided with the internet connection in their cabin. The department library is provided with the internet connection, which can be used by the students whenever they need. In addition to the above, there is a common computer lab for

	the floor, where any teacher or student of the department can use the internet facility.
Faculty of Physical Sciences	
Department	
Chemistry	All staff members are well trained in computer work and they are provided the facility of computer internet etc.
Computer Science	Available to all the teachers and students
Forensic Science	All the teachers have been provided with internet connections and Laptop/Desktop. There is a small computer Lab. with internet connectivity for the students apart from the museum-cum-lecture room. Seminar room/Class room and Research Lab. have been provided with internet access.
Mathematics	Faculty members have access to internet.
Physics	The department has internet facility for faculty members, research scholars, non-teaching staff and students.
Statistics	Department has full fledged computer lab in which internet facility is available where teachers and students can avail the facility. Teachers also have internet connections in their rooms.
University Computer Centre	Computer and Internet facilities Please see the attached "Annotated Profile of Computer Centre". Appendix-A Training Staff training programmes are being conducted on regular basis under the patronage of Staff Training Cell and Academic Staff College. Similarly, special drive to educate rural women and deaf and dumb students are being carried out under the leadership of Womens' Study Centre.
Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Yes, Computer and internet access and training to teachers and students is available.
Economics	Computer and Internet Access have been provided to all teachers, non-teaching employees and students.
Geography	All teachers have been given computers in their rooms and internet facility has been extended to each teacher's room.

History	Teachers, Non-teaching staff and Students are encouraged to use Computer and Internet facility.
Philosophy	Computer and internet access is available to all teachers ,non-teaching employees and students.
Psychology	The teachers and the students can have access to the internet in the nodal computer laboratory during the university working hours. Training of computers is a part of curriculum in each semester and the practicum includes the computer efficiency as well as the practical. Also, the teaching & non-teaching staff and the students (need based) can have access to the internet facility at the computers lying in the department.
Political Science	Provided computers to all the teachers and office with internet facility.
Public Administration	One HCL PC and one HP Laser Printer purchased for the Seniormost Professor of the Department . Computer and Internet Access is there for most of the faculty members and the Head of the Department, and non-teaching employees.
Religious Studies	Computer and Internet Access have been given to all Faculty Members, Non-teaching staff and students also.
Sociology & Social Anthropology	The students have been given training for further use of work process & excel in the research for a week.
Distance Education Department	
Distance Education	Approximately 45 computers to the teachers along with internet access facility have been provided. All administrative staff have computer & printer along with internet. Separate Multimedia and Computer Lab for student has been established.
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of	The Department teachers have laptops with internet access in their rooms

Sikhism	
Maharishi Valmiki Chair	Training availed in Computer Centre.
Gurmat Sangeet Chair	All the teachers have independent User Id to access internet and are well aware with the basic features of Internet.
Punjabi University Neighbourhood Campuses	
Department	
Punjabi University Campus Maur (Bathinda)	Computer lab practical for both management and computer students. Personal PC for each non-teaching clerical staff member.
Department of Education Punjabi University Regional Centre, Bathinda	Department is having computer laboratory with internet facility. Staff members can access it whenever required.
Punjabi University Guru Kashi College, Talwandi Sabo	Following Courses are being run - 1. BCA (Graduation Level) PGDCA (PG Level)
Yadawindra College of Engineering, Talwandi Sabo	Internet bandwidth of 3-5Mbps and internet access to every office and dedicated internet labs in each section of YOCE (CE, ME, ECE) for students.
College of Engineering Punjabi University Neighbourhood Campus, Rampura Phul	Computer & Internet facility is accessible for students, teachers/non-teaching staff. Training to teachers is provided through faculty development program & various workshops.
Punjabi University Dr. Balbir Singh Sahitya Kendra	All Teachers, Project Associates and non-Teaching staff are trained in use of computer and internet access.

30. Financial Aid to Students

The students were extended Financial Aid to the tune of Rs. 23,34,631/- during the year 2009-2010.

31. Activities and Support from the Alumni Association

Faculty of Arts and Culture	
Department	
Music	Alumni Association is yet to be constituted.
Theatre and Television	Alumni association has been initiated.
Faculty of Business Studies	
Department	
Commerce	Alumni Association of Dept. is under enrolment process.
School of Management Studies	There are plenty of opportunities to stay involved with old students through our alumni community - and plenty of reasons to do so. As a member of our alumni community the students have access to research information and business intelligence networking opportunities with over 200 alumni members worldwide. The department is getting support in placements. Department has organized Alumni-meet on 6 and 7 February 2009. Few Events were sponsored by old students.
Faculty of Education and Information Science	
Department	
Library & Information Science	Efforts are being made to contact the alumni of the department for developing a database of the alumni. Besides, the department has also brought out a festschrift volume in honour of Prof. M.P. Satija of Guru Nanak Dev University, Amritsar. Prof. Satija is an alumnus of this department in its first batch, and is internationally known for his work in the field of library classification.
Physical	Department organizes annual meet of Alumni once in a year

Education	and gets feedback for the upliftment of standards of teaching. Alumni of the department interact with the present student and prepare and guide them so that they are able to adjust them in profession.
Faculty of Engineering	
Department	
University College of Engineering	Feedback from the already placed students help the department to strengthen the placement activities.
Faculty of Languages	
Department	
English	Some of our ex-students have directly enrolled with the Alumni Association and we have no record of their names.
Hindi	Alumni Association is yet to be constituted.
Linguistics & Punjabi Lexicography	Department has constituted Alumni Association.
Faculty of Law	
Department	
Law (Morning)	Central level Alumni have departmental units has been constituted and department is working to have departmental unit.
Faculty of Life Sciences	
Department	
Biotechnology	Alumni association has been maintaining records of achievements of its past students and encouraging them to contribute towards further advancement of the Department and students.
Botany	Annual Meetings of Alumni Association held at University level in which old students of Botany Department holding various Administrative/Academic positions participate.

Zoology	The department has a functional alumni association. The department organized the alumni meet in November 2008 and is planning to organize the next alumni meet in 2011.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	An account of the Alumni Association of the department has been opened and meeting of the executive committee was held in order to increase the number of membership.
Physiotherapy	So far one batch of MPT and one batch of BPT has passed out since the independent existence of the department since 2008 . The alumni association was formed with Dr. Narkeesh Arumugam reader as secretary. The association though in its formative stage has helped in securing placement and clinical training & Research work of the students of the department.
Sports Science	Alumni Association is yet to be constituted
Faculty of Physical Sciences	
Department	
Chemistry	Alumni Association of the department is quite helpful in providing the necessary suggestions regarding the benefit of department.
Computer Science	Department of Computer Science Alumni Association was started on 02-11-2006. At present there are 190 registered alumni as Life Members. Department is regularly in touch with the Department Alumni to get the market updation. Alumni were invited to address the students about current market trends, to give tips and tricks for facing on /off campus recruitments, to give introduction about new technologies in the market. Alumni association provided active assistance to the students for getting jobs through the Department alumni. Recently, Alumni settled in U.S.A. and other countries offered to help the Department for placements.
Mathematics	Department has its own Alumni Association.
Physics	The annual function is held every year at the university level. where alumni participate in deliberations for upliftment of university education.

Faculty of Social Sciences	
Department	
Defence & Strategic Studies	The alumni association of the department has been raised in collaboration with the main alumni association of the university.
Economics	Alumni Association is yet to be constituted.
Geography	Alumni association is yet to be constituted.
History	Alumni Association is yet to be constituted.
Political Science	Alumni Association is yet to be constituted.
Social Work	Central Alumni Association exists.
Sociology & Social Anthropology	Alumni association is being formed.
Research Departments	
Department	
Punjab Historical Studies	It is research Department.
Punjabi University Neighbourhood Campuses/Regional Centres/Colleges	
Yadawindra College of Engineering, Talwandi Sabo	Alumni Association is yet to be constituted.

32. Activities and Support from the Parent-Teacher Association

Faculty of Arts and Culture	
Department	
Fine Arts	All complaints are attended to, if they arise.
Theatre and Television	Parents are invited for watching theatre performances and they are also informed about the progress of the students from time to time.
Faculty of Business Studies	
Department	
School of Management Studies	For the better growth of the students department well understands the need of "Parent-Teachers Association". So Department provides all kind of information like feed back of the students, their attendance record to the Parents from time to time.
Faculty of Education and Information Science	
Department	
Library & Information Science	Information regarding jobs and careers is displayed on departmental notice board. Students are individually provided information about job openings. Besides information is also provided to the Placement Cell of Punjabi University on demand.
Physical Education	Parent Teacher Association meeting had been organized so as the problems of the students are sorted out.
Faculty of Law	
Department	
Law (Morning)	Under Process.
Faculty of Life Sciences	
Department	
Botany	No such association is formed at Departmental level, but Department always welcomes the suggestions received from parents received from time to time.

Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Parents contact the Dean (Students Welfare) for their clarifications.
Faculty of Physical Sciences	
Department	
Chemistry	Parent of the students come to suggest the various difficulties regarding the students.

33. Health Services

Our Mission

"To be a caring, compassionate, and viable community health centre, proactively improving the lives of those we serve by providing accessible, affordable, and quality comprehensive health services."

The University Health Centre named as Bhai Ghaniya Health Centre (BGHC) started working as a medical care unit in 1967 for students. Soon, the facility for consultation and lab investigation was extended to people who are residing in the campus. The Health Centre right from its inception has been to providing comprehensive health care i.e. preventive, curative and promotive services under one roof to students and employees.

Bhai Ghaniya Health Centre is providing health cover to 6000 students of university and are also providing health facility to 5000 employees including their immediate family members - spouse, significant dependants and children. Health services are also provided to retirees and visitors in campus. We deliver innovative and effective health services and support in partnership with students, faculty and non-academic staff.

The primary health centre is looked after by three Medical Officers, and paramedical staff. It is equipped with an ambulance and necessary facilities to carry out small surgeries. The University health centre deals with -

Medical care

- Mother and child health care including family planning.
- Safe water supply and basic sanitation.
- Prevention and control of local diseases.
- Collecting statistical information.
- Health education.
- Basic laboratory investigations.
- X-ray facility

Services

Pediatrics - Medical care to newborns, infants, children and adolescents including

- Well-child check-ups
- Acute medical problems
- Chronic medical problems

Family Medicine - Medical care to all ages, with special emphasis on adults and the elderly including

- Acute medical problems
- Chronic medical problems, including a specialized diabetes program
- Annual preventive check-ups for men and women
- Employment physicals and drug screens
- Medical reimbursements

Ancillary Services

- Laboratory and X-ray services available on site

Staff The Senior Medical Officer is the head of the Unit. The Staff of the Bhai Ghaniya Health Centre (BGHC) comprises of 02 Medical Officers, a homoeopathic physician, 02 staff nurses, One Male Nurse, 04 pharmacists, a Lab assistant, a radiographer and other supportive staff.

OPD

1. Full-time doctors of the University Health Centre provide primary health care. The students can just walk in for consultations and treatment.
2. Homoeopathic physician provides services in homoeopathic system of medicine.
3. Medicines are provided free of cost from the pharmacy of the Health Centre.
4. Laboratory facility provides moderate spectrum of routinely available hematological to students and retired employees and biochemical tests.
5. Referral services to public hospitals for specialists' treatment/hospitalization and other services which are not covered by the U.H.C.
6. Medical examinations for academic pursuits in the university.

7. The families (wife and children only) of married students can avail of such medical facilities as are available at the Health Centre on payment of medical fees for the family fixed from time to time. The Students may contact the Health Centre to get further information.

Ambulance: Ambulance Service, in the normal course, is available all the 24 hours on all days of the week.

34. Performance in Sports Activities

Category – A1 Performance participation as a member of the national contingent for the following International Competitions

(Team games/ Individuals Events)	Team Events	Individual Events	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Artistic Gymnastics World Championship		Individual	13-18 Oct., 2009 LONDON	Participation	Women	Meenakshi
3rd FIG Artistic Gymnastics World Cup		Individual	22-24 March, 2010 DOHA, QATAR	Participation	Women	Meenakshi
World Cup Kabaddi	Team		3-12 April, 2010 Punjab	1st	Men	Guljar Singh
World Cup Kabaddi	Team		3-12 April, 2010 Punjab	1st	Men	Khusdeep Singh

Category – A2 Performance participation as a member of the national contingent for the following International Competitions

(Team games/ Individuals Events)	Team Events	Individual Events	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
5th Asian Grand Prix Archery		Compound	18-25 Oct., 2009 Dhaka, Bangladesh	Bronze	Men	Amrinder Singh

Championship						
(Team games/ Individuals Events)	Team Events	Individual Events	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
1st Asian Grand Prix Archery Championship	Compound Team		5-12 Feb., 2010 Kualalumpur	Silver	Women	Gagandeep Kaur
1st Asian Grand Prix Archery Championship		2x70 Mts.	5-12 Feb., 2010 Kualalumpur	Silver	Women	Gagandeep Kaur
Asian Championship	Compound Team		15-21 Nov., 2009 Bali, Indonesia	Silver	Women	Gagandeep Kaur
2nd Asian Grand Prix Archery Championship		Individual Event	14-20 March, 2010 Bangkok	Silver	Women	Gagandeep Kaur
2nd Asian Grand Prix Archery Championship	Compound Team		14-20 March, 2010 Bangkok	Gold	Women	Gagandeep Kaur
2nd Asian Grand Prix Archery Championship	Mixed Team Event		14-20 March, 2010 Bangkok	Gold	Women	Gagandeep Kaur
4th Asian Archery Grand Prix		Compound	16-19 Sept., 2009 Kolkata	Participation	Women	Gagandeep Bawa
29th Asian Cycling Championship	Indian Cycling Team		14-17 Aug., 2009 Indonesia	Participation	Men	Sarpreet Singh
13th Asian Roller Sports Championship	Inline Hockey		9-14 Jan., 2010 Dalian City, China	Participation	Men	Amar Singh
Asian Fencing Championship	Epee Team		13-19 Nov., 2009 Doha, Qatar	Participation	Women	Shammipreet Kaur
Asian Fencing Championship	Sabre Team		13-19 Nov., 2009 Doha, Qatar	Participation	Women	Komalpreet Shukla

(Team games/ Individuals Events)	Team Events	Individual Events	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Track Asia Cup	Indian Cycling Team		12-14 June, 2010 Hokodate, Japan	Participation	Men	Sarpreet Singh
5th South Asian Shooting Championship	10 Mts. Air Pistol (Team) Shooting		3-9 July, 2009 Dhaka, Bangladesh	Gold	Women	Harveen Sarao
5th South Asian Shooting Championship		10 Mts. Air Pistol Shooting	3-9 July, 2009 Dhaka, Bangladesh	Gold	Women	Harveen Sarao
South Asian Games		Javelin Throw		3rd	Men	Samarjeet Singh

Category–B1 Performance in National Games, National Championships, Federation Cups as a member of State/ Zone/ Combined Universities Teams/ Contingents Team Games

Team Games	Name of the Championship(s)	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Softball	31st Sr. National Softball Championship	25-30 Oct., 2009 Mapusa, Goa	1st	Men	Gurpreet Singh
Softball	31st Sr. National Softball Championship	25-30 Oct., 2009 Mapusa, Goa	3rd	Women	Ranbir Kaur
Handball	38th Sr. Women National Handball Championship	17-22 Jan., 2010 Nagpur	2nd	Women	Gagandeep Kaur
Handball	38th Sr. Women National Handball Championship	17-22 Jan., 2010 Nagpur	2nd	Women	Rajwant Kaur

Team	Name of the	Dates /	Participation	Section	Name(s) of
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Games	Championship(s)	Venue	or Position	M / W	players / athletes
Handball	38th Sr. Women National Handball Championship	17-22 Jan., 2010 Nagpur	2nd	Women	Pawandeep Kaur
Handball	38th Sr. Women National Handball Championship	17-22 Jan., 2010 Nagpur	2nd	Women	Saroop Kaur
Roller Hockey	47th National Roller/In Line Hockey Championship	15-18 Feb., 2010 Chandigarh	2nd	Men	Amar Singh
Rhythmic Gymnastic	20th National Rhythmic Gymnastic Championship	30 Jan. to 3 Feb., 2010, Jodhpur	2nd	Women	Kiranjeet Kaur
Archery (Olympic Round)	33rd Sahara Sr. National Archery Championship	23-27 Apr., 2010 Guwahati (Assam)	4th	Women	Gagandeep Kaur
Fencing (Epee Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	1st	Women	Sapna Dutta
Fencing (Epee Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	1st	Women	Shammipreet Kaur
Fencing (Epee Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	1st	Women	Kamaldeep Kaur
Fencing (Sabre Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	2nd	Women	Kawaljeet Kaur
Fencing (Sabre Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	2nd	Women	Sandeep Kaur

Team	Name of the	Dates /	Participation	Section	Name(s) of
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Games	Championship(s)	Venue	or Position	M / W	players / athletes
Fencing (Sabre Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	2nd	Women	Komalpreet Shukla
Fencing (Sabre Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	2nd	Men	Prince Mehra
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Women	Sandeep Kaur
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Women	Baby Verma
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Women	Ramneek Kaur
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Men	Ghanvinder Singh
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Men	Karan Joshi
Fencing (Foil Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Men	Kailash Verma
Fencing (Epee Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Men	Dalveer Singh
Fencing (Epee Team)	2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Men	Nitish

Team	Name of the	Dates /	Participation	Section	Name(s) of
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Games	Championship(s)	Venue	or Position	M / W	players / athletes
Fencing (Sabre Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	2nd	Women	Kawaljeet Kaur
Fencing (Sabre Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	2nd	Women	Sandeep Kaur
Fencing (Sabre Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	2nd	Women	Komalpreet Shukla
Fencing (Foil Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Women	Baby Verma
Fencing (Foil Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Women	Kamaldeep Kaur
Fencing (EpeeTeam)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Women	Shammipreet Kaur
Fencing (EpeeTeam)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Women	Sapna Dutta
Fencing (Foil Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Men	Karan Joshi
Fencing (Foil Team)	XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem (TN)	3rd	Men	Kailash Verma
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Arshdeep Singh

Team	Name of the	Dates /	Participation	Section	Name(s) of
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Games	Championship(s)	Venue	or Position	M / W	players / athletes
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Jigar Partap Yadav
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Yogesh Kumar Sharma
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Pritpal Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Kuldeep Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Ranjeet Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Manpreet Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Harvinder Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Manpreet Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Sukhpreet Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Manpreet Singh

Team Games	Name of the Championship(s)	Dates / Venue	Participation or	Section M / W	Name(s) of players
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			Position		/ athletes
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Karanpreet Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Manpreet Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Najam Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Navjot Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Parvinder Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Jujhar Singh
Tug of War (680 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	2nd	Men	Gurjeet Singh
Tug of War (640 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	1st	Men	Arun Kumar
Tug of War (600 Kg. Team)	23rd Sr. National Tug of War Championship	11-14 June, Patiala	1st	Men	Bhupinder Singh

Category – B2 Performance in National Games, National Championships, Federation Cups as a member of State/ Zone/ Combined Universities Teams/ Contingents

Individual Events	Name of the Championship(s)	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Artistic Gymnastic (Floor Exercise)	50th Sr. National Artistic Gymnastic Championship	14-18 Jan., 2010 Erode, Tamilnadu	1st	Women	Meenakshi
Artistic Gymnastic (U.E.Bars)	50th Sr. National Artistic Gymnastic Championship	14-18 Jan., 2010 Erode, Tamilnadu	2nd	Women	Meenakshi
Individual Events	Name of the Championship(s)	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Artistic Gymnastic (Individual)	50th Sr. National Artistic Gymnastic Championship	14-18 Jan., 2010 Erode, Tamilnadu	2nd	Women	Meenakshi
Archery (50 Mts.)	33rd Sahara Sr. National Archery Championship	23-27 Apr., 2010 Guwahati (Assam)	2nd	Women	Gagandeep Kaur
Athletics (20 K.M. Walk)	49th National Open Athletics Championship	6-9 Oct., 2009 Bhopal	3rd	Men	Baljinder Singh
Athletics (Javelin Throw)	15th National Sr. Federation Cup Athletics Championship	1-4 May, 2010 Ranchi, Jharkhand	3rd	Women	Rupinder Kaur
Athletics (Javelin Throw)	XXXV National Sports Festival For Women	16-19 Dec., 2009 Chennai (TN)	3rd	Women	Rupinder Kaur
Boxing (Light Welter 64 Kg.)	56th Sr. National Men's Boxing Championship	26 Oct. to 1 Nov., 2009, Hyderabad	3rd	Men	Lakhbir Singh
Boxing (Welter 69 Kg.)	56th Sr. National Men's Boxing Championship	26 Oct. to 1 Nov., 2009, Hyderabad	3rd	Men	Jagwinder Singh

Name of the Championship(s)	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Federation Cup Boxing Championship	25-28 Apr., 2010 Jangaon	2nd	Men	Pankaj Saini
2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Women	Shammipreet Kaur
2nd Federation Cup Fencing Championship (M&W)	5-7 June., 2010 Patiala	3rd	Women	Komalpreet Shukla
XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem, Tamilnadu	3rd	Women	Shammipreet Kaur
XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem, Tamilnadu	3rd	Women	Komalpreet Shukla
XX National Sr. Fencing Championship	13-16 Jan., 2010 Salem, Tamilnadu	3rd	Men	Ghanvinder Singh
Sr. National Judo Championship	17-21 Dec., 2009 Haridwar	3rd	Men	Sagar Diwan
25th Women Wt. Lifting Championship	21-25 Feb., 2010 Udaipur (Rajasthan)	3rd	Women	Amanpreet Kaur

Performance in National Games, National Championships, Federation Cups as a member of State/ Zone/ Combined Universities Teams/ Contingents

Individual Events	Name of the Championship(s)	Dates / Venue	Participation or Position	Section M / W	Name(s) of players / athletes
Athletics (Javelin Throw)	Indian Grand Prix Series 2010	30 May, 2010, Pune	2nd	Men	Samarjit Singh
Athletics (Javelin Throw)	Indian Grand Prix Series 2010	5 June, 2010, Bangalore	1st	Men	Samarjit Singh
Athletics (Javelin Throw)	Indian Grand Prix Series 2010	9 June, 2010 Chennai	2nd	Men	Samarjit Singh
Athletics (Javelin Throw)	Indian Grand Prix Series 2010	30 May, 2010, Pune	1st	Women	Rupinder

Category – C1 Performance of University team(s) in Inter-University Championships during the academic year 2009-10

Team games		Position			
		Ist	IInd	IIIrd	IVth
Archery (Recurve)	Women	FIRST			
Archery (Compound)	Women	FIRST			
Archery (Compound)	Men	FIRST			
Archery (Recurve)	Men	FIRST			
Archery (Indian Round)	Women			THIRD	
Handball	Men	FIRST			
Handball	Women	FIRST			
Baseball	Men	FIRST			
Baseball	Women	FIRST			
Football	Men			THIRD	
Team games		Position			
Netball	Women		SECOND		

Netball	Men			THIRD	
Cricket	Men		SECOND		
Korfball	Men & Women			THIRD	
Cycling (1500 M. Team Time Trial)	Men	FIRST			
Cycling (4 K.M. Team Pursuit)	Men	FIRST			

Performance of University team(s) in Inter-University Championships during the academic year 2009-10

Team games		Position			
		Ist	IInd	IIIrd	IVth
Cycling (1500 M. Team Time Trial)	Women	FIRST			
Cycling (3 K.M. Team Pursuit)	Women	-	SECOND		
Cycling (50 K.M. Road Team Time Trial)	Men	-	SECOND		
Cycling (20 K.M. Road Team Time Trial)	Women		SECOND		
Cycling (Olympic Team Sprint)	Men		SECOND		
Cycling (Olympic Team Sprint)	Women	FIRST			
Gymnastics (Rhythmic)	Women	FIRST			
Gymnastics (Artistic)	Men			THIRD	
Fencing (Foil Team)	Women			THIRD	
Fencing (Epee Team)	Women	FIRST			
Fencing (Sabre Team)	Women		SECOND		
Fencing (Foil Team)	Men	FIRST			
Kayaking (K-4-500 Mts.)	Women	FIRST			
Kayaking (K-4-200 Mts.)	Women		SECOND		
Team games		Position			
		Ist	IInd	IIIrd	IVth

Kayaking (K-4-1000 Mts.)	Women			THIRD	
Kayaking (K-2-500 Mts.)	Women			THIRD	
Kayaking (K-2-1000 Mts.)	Women			THIRD	
Canoeing (C-2-200 Mts.)	Men			THIRD	
Canoeing (C-2-500 Mts.)	Men			THIRD	
Canoeing (C-2-1000 Mts.)	Men			THIRD	
Canoeing (C-4-200 Mts.)	Men			THIRD	
Canoeing (C-4-500 Mts.)	Men			THIRD	
Canoeing (C-4-1000 Mts.)	Men			THIRD	
Kayaking (K-2-500 Mts.)	Men		SECOND		
Kayaking (K-4-200 Mts.)	Men			THIRD	
Yachting (1800 Mts.)	Men	FIRST			
Yachting (1200 Mts.)	Men	FIRST			
Yachting (600 Mts.)	Men	FIRST			
Yachting (1800 Mts.)	Women		SECOND		
Yachting (1200 Mts.)	Women	FIRST			
Yachting (600 Mts.)	Women	FIRST			
Rifle Shooting Peep Sight	Women				FOURTH

Category – C 2 Performance of University athletes in Inter-University Championships during the academic year 2009-10

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IIInd	IIIrd	IVth	
Boxing (48 Kg.)	Men	FIRST				Pankaj Saini
Boxing (81-91 Kg.)	Men	FIRST				Gurlal Singh
Boxing (75-81 Kg.)	Men		SECOND			Harjinder Singh
Boxing (64-69 Kg.)	Men		SECOND			Jagwinder Singh
Boxing (60-64 Kg.)	Men		SECOND			Lakhwinder Singh
Cycling (1 K.M. Sprint)	Men		SECOND			Sukhpreet Singh
Cycling (1 K.M. Sprint)	Men			THIRD		Satwant Singh
Cycling (1K.M. Scratch Race)	Men		SECOND			Sukhpreet Singh
Cycling (1K.M. Scratch Race)	Men				FOURTH	Kamninder Singh
Cycling (4 K.M. Individual Pursuit)	Men	FIRST				Sarpreet Singh
Cycling (4 K.M. Individual Pursuit)	Men			THIRD		Narpinderjeet Singh
Cycling (1 K.M. Time Trial)	Men		SECOND			Sarpreet Singh
Cycling (1 K.M. Time Trial)	Men			THIRD		Kamninder Singh
Cycling (20 K.M. Point Race)	Men	FIRST				Jasvir Singh Sarao
Cycling (Elimination Race)	Men		SECOND			Jasvir Singh Sarao
Cycling (100 K.M. Road Mass Start)	Men			THIRD		Sarpreet Singh

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Cycling (500 M. Time Trial)	Women	FIRST				Rajwinder Kaur
Cycling (1 K.M. Scratch Race)	Women		SECOND			Rajwinder Kaur
Cycling (1 K.M. Scratch Race)	Women				FOURTH	Sandeep Kaur
Cycling (10 K.M. Point Race)	Women		SECOND			Sandeep Kaur
Cycling (10 K.M. Point Race)	Women			THIRD		Malveen Kaur
Cycling (3 K.M. Individual Pursuit)	Women			THIRD		Malveen Kaur
Cycling (30 K.M. Road Mass Start)	Women				FOURTH	Rajwinder Kaur
Fencing (Sabre)	Women	FIRST				Komalpreet Shukla
Fencing (Epee)	Women	FIRST				Tarneet Kaur
Fencing (Epee)	Women		SECOND			Sapna Dutta
Fencing (Foil)	Men	FIRST				Ghanwinder Singh
Fencing (Foil)	Men			THIRD		Kailash Verma
Gymnastics (Artistic) All Round Individual Championship	Women	FIRST				Meenakshi

Individual events	Position	Name of the
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						player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Gymnastics (Artistic) Vaulting Table	Women	FIRST				Meenakshi
Gymnastics (Artistic) Uneven Bar	Women	FIRST				Meenakshi
Gymnastics (Artistic) Floor Exercise	Women	FIRST				Meenakshi
Gymnastics (Rhythmic) All Round Individual Championship	Women	FIRST				Anita Ramola
Gymnastics (Rhythmic) Rope	Women	FIRST				Anita Ramola
Gymnastics (Rhythmic) Rope	Women			THIRD		Kiranjit
Gymnastics (Rhythmic) Ball	Women	FIRST				Anita Ramola
Gymnastics (Rhythmic) Hoop	Women	FIRST				Manju
Gymnastics (Rhythmic) Ribbon	Women		SECOND			Manju
Gymnastics (Rhythmic)	Women		SECOND			Kiranjit
Gymnastics (Artistic)	Men		SECOND			Mandeep Singh
Gymnastics (Artistic) Vaulting Table	Men			THIRD		Sachin Sakpal

Individual events	Position	Name of the player(s)/athlete(s)				
			Ist	IInd	IIIrd	IVth
Canoeing (C-1-500 Mts.)	Men				THIRD	Jaggiwan Singh
Canoeing (C-1-1000 Mts.)	Men				THIRD	Jaggiwan Singh
Power Lifting (90 Kg.)	Women	FIRST				Sandeep Kaur
Power Lifting (82.5 Kg.)	Women		SECOND			Ravina
Power Lifting (+90 Kg.)	Women		SECOND			Navneet Kaur
Power Lifting (67.5 Kg.)	Women			THIRD		Kulvir Kaur
Power Lifting (60 Kg.)	Women				FOURTH	Rajwinder Kaur
Power Lifting (100 Kg.)	Men				FOURTH	Kanwaljit Singh
Power Lifting (125 Kg.)	Men		SECOND			Arashdeep Singh
Power Lifting (90 Kg.)	Men			THIRD		Jaspal Singh
Weight Lifting (53 Kg.)	Women	FIRST				Kulvir Kaur
Weight Lifting (+75 Kg.)	Women	FIRST				Amanpreet Kaur
Weight Lifting (75 Kg.)	Women	FIRST				Kulbir Kaur

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IIInd	IIIrd	IVth	
Weight Lifting (63 Kg.)	Women		SECOND			Reena
Weight Lifting (58 Kg.)	Women			THIRD		Amandeep Kaur
Weight Lifting (69 Kg.)	Women			THIRD		Neha Dhawan
Weight Lifting (58 Kg.)	Women				FOURTH	Khushboo Singh
Weight Lifting (94 Kg.)	Men	FIRST				Jagtar Singh
Athletics (Javelin Throw)	Men	FIRST				Samarjeet Singh
Athletics (20 K.M. Walk)	Men	FIRST				Baljinder Singh
Athletics (20 K.M. Walk)	Men		SECOND			Anter Singh
Athletics (Discus Throw)	Men		SECOND			Baljinder Singh
Athletics (400 Mts, Hurdles)	Men			THIRD		Bikramjit Singh
Athletics (Javelin Throw)	Women	FIRST				Rupinder Kaur
Athletics (1500 Mts.)	Women		SECOND			Sukhjot Kaur
Athletics (800 Mts.)	Women			THIRD		Sukhjot Kaur
Judo (90 Kg.)	Men		SECOND			Navjot Singh
Judo (73 Kg.)	Men			THIRD		Sukhpal Singh

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Judo (81 Kg.)	Men			THIRD		Rupinder Rishi
Judo (44 Kg.)	Women			THIRD		Jyoti Sharma
Judo (48 Kg.)	Women			THIRD		Varsha Rai
Judo (52 Kg.)	Women			THIRD		Sajida Chana
Pistol Shooting (10 Mts.)	Women	FIRST				Harveen Sarao
Air Rifle Shooting (10 Mts.)	Women			THIRD		Sumanpreet Kaur
Archery (Compound 90 Mts.)	Men		SECOND			Amrinder Singh
Archery (Compound 70 Mts.)	Men		SECOND			Amrinder Singh
Archery (Compound 50 Mts.)	Men	FIRST				Amrinder Singh
Archery (Compound 30 Mts.)	Men	FIRST				Amrinder Singh
Archery (Compound Individual Olympic Round)	Men	FIRST				Amrinder Singh
Archery (Compound 70 Mts.)	Women	FIRST				Gagandeep Kaur
Archery (Compound 70 Mts.)	Women		SECOND			Sunita
Archery (Compound 70 Mts.)	Women				FOURTH	Gaganjot Kaur

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Archery (Compound 60 Mts.)	Women	FIRST				Gagandeep Kaur
Archery (Compound 60 Mts.)	Women			THIRD		Sunita
Archery (Compound 50 Mts.)	Women		SECOND			Gagandeep Kaur
Archery (Compound 50 Mts.)	Women				FOURTH	Gaganjot Kaur
Archery (Compound 30 Mts.)	Women		SECOND			Gagandeep Kaur
Archery (Compound Individual Olympic Round)	Women	FIRST				Gagandeep Kaur
Archery (Compound Individual Olympic Round)	Women			THIRD		Sunita
Archery (Recurve 90 Mts.)	Men			THIRD		Gurparkash Singh
Archery (Recurve 70 Mts.)	Men	FIRST				Sandeep Singh
Archery (Recurve 70 Mts.)	Men				FOURTH	Jaspreet Singh
Archery (Recurve 50 Mts.)	Men			THIRD		Sandeep Singh
Archery (Recurve 30 Mts.)	Men	FIRST				Sandeep Singh

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Archery (Recurve 30 Mts.)	Men		SECOND			Gurparkash Singh
Archery (Recurve Individual Olympic Round)	Men	FIRST				Sandeep Singh
Archery (Recurve 70 Mts.)	Women		SECOND			Mamta Nagi
Archery (Recurve 60 Mts.)	Women	FIRST				Mamta Nagi
Archery (Recurve 60 Mts.)	Women		SECOND			Amandeep Kaur
Archery (Recurve 60 Mts.)	Women				FOURTH	Nisha Tomar
Archery (Recurve 50 Mts.)	Women	FIRST				Mamta Nagi
Archery (Recurve 50 Mts.)	Women		SECOND			Nisha
Archery (Recurve 30 Mts.)	Women			THIRD		Mamta Nagi
Archery (Recurve 30 Mts.)	Women				FOURTH	Nisha Tomar
Archery (Recurve Individual Olympic Round)	Women	FIRST				Mamta Nagi

Individual events		Position				Name of the player(s)/athlete(s)
		Ist	IInd	IIIrd	IVth	
Wrestling (55 Kg.)	Men			THIRD		Sandeep
Wrestling (60 Kg.)	Men			THIRD		Vijay Kumar
Wrestling (96 Kg.)	Men			THIRD		Surajveer Singh
Wrestling (55 Kg.)	Women			THIRD		Rekha Kadyan
Wrestling (72 Kg.)	Women			THIRD		Rupinder Kaur
Rowing (Single Skull)	Women				FOURTH	Paramjit Kaur

35. Incentives to Outstanding Sportspersons

- In addition to above cash prizes were given away to each winner.
- The “Vice-Chancellor’s Coach of the Year Award” with a cash prize of Rs.21,000/- was given to the best Coach of the year;
- A cash prize of Rs. 51,000/- has been also approved to the Best Coach whose team stands first in the All India Inter University Competitions for 5 years in continuation.
- All those players who’s examination clashed with the competition dates, and missed their exams, were allowed to be later;
- Provided good accommodation to the players in sports hostels;
- Free medical facilities and a sports kit were provided to each player.

36. Student Achievements and Awards

Performance of Punjabi university campus students in inter-zone youth festivals 2009-10

- Bhangra First
- Classical vocal First
- Classical (percussion) Third
- westren solo Third

- Folk Orchestra First
- Group Song Indian First
- Group shabad First
- Mimicry First
- Poster Making First
- Cartooning First
- Play First

Performance of Punjabi university in National youth festivals 2009-2010

North Zone Inter University -Kurukshetra University, Kurukshetra 16-20 Nov, 2009

Punjabi University, Patiala got First, Second and Third position & participation in items and trophies given below -

1	Folk Orchestra	1st Position
2	Classical Instr. (P)	1st Position
3	Creative Dance	2nd Position
4	Classical Vocal Solo	2nd Position
5	Group Song (Indian)	2nd Position
6	Classical Instr. (NP)	2nd Position
7	Photography	2nd Position
8	Clay Modelling	second position
9	Folk/Tribal Dance	3rd Position
10	Classical Dance	3rd Position
11	Skit	3rd Position
12	Mimicry	3rd Position
13	One Act Play	3rd Position
14	Western Group Song	Participation
15	Western Solo	Participation
16	Semi Classical Vocal	Participation
17	Light Vocal Indian	Participation
18	Mime	Participation
19	Cartooning	Participation
20	On the Spot Painting	Participation
21	Collage Making	Participation
22	Rangoli	Participation
23	Installation	Participation
24	Poster Making	Participation
25	Quiz	Participation
26	Elocution	Participation
27	Debate	Participation
28	Poetry Recitation	Participation

National Inter University 2009-10
Maharishi Dayanand University Rohtak
2-6 February, 2010

Punjabi University, Patiala got First, Second and Third & Forth positions in items and trophies given below:

1	Folk Orchestra	First Position
2	Classical Instr. (NP)	First Position
3	Classical Instr. (P)	Second Position
4	Photography	Second Position
5	Creative Dance	Third Position
6	Clay Making	Forth Position

37. Activities of the Guidance and Counselling Unit

The worth of any institution is gauged by its ability to provide community services. In keeping with this noble doctrine, the department of psychology is whole-heartedly devoted to help the humanity to come out of various psychological ailments of the modern times. The departments' Counselling Cell is providing service not only to the staff and the students of Punjabi University, but also caters to the need of rural people, who relatively remain deprived in terms of other health care services.

The Counselling Cell is proving to be a boon for all those associated with Punjabi University. The pre-retirement counselling cell focuses on the university employees who are approaching retirement and counsels them to face the upcoming changes in life with poise. Very empathetically, they are made aware of the different opportunities and avenues available to them in the second innings of their lives.

In its commitment towards the cause of spreading well-being among students, the Counselling Cell provides free psychological testing and counselling services to them. The students are assessed on different parameters of mental health and psychosocial functioning viz. stress, personality, coping, intelligence, creativity, aptitude, interest etc. Later, the trained counselors of the department try to enhance and optimize the productivity and development of the students. The annual event of the department "Psychofest" also trains its students to handle such cases autonomously and effectively. The major focus of the program is to create awareness about the existence of psychological help available to them within their reach. During all the "Psychofests" held till date, various workshops have been organized for the university students in very relevant areas like time management, stress management, relaxation, interview skills, enhancing happiness etc.

The services of the Counselling Cell are also reaching out to the masses in the form of various programs which are designed to spread the message and utility of psychology to the general population. The department organizes visits to various schools and colleges in the region and sensitizes the students and staff to some growing concerns like career choices, examination anxiety, academic fears, motivation, aptitude and interest testing etc.. This year Counselling services were provided at First IRB, Patiala, Air Force Base in Patiala

The annual event "Psychofest" offers free psychological testing on different, viz. Stress, Coping, Personality, Intelligence, Interest, Aptitude, Creativity etc. The major focus in conducting the program is to create awareness about the existence of psychological help and availability within their reach. This year it was held on 10-02-2010 and the theme was "Towards Achievement and Success. Approximately 800 individuals were tested and counselled and 200 Students attended the various workshops.

Rural camps are organized every year. This year, it was organized on 27-10-2009 at Dehla Sihan, where Testing and Counseling was provided in the areas of old age and youth problems, hygiene concerns, addiction problems, HIV concerns etc. Following workshops were conducted during the Rural Camp:

- HIV Awareness
- De-addiction
- Family Problems/Conflicts
- Study Habits
- Career Options
- Stress/Anxiety
- Female foeticide
- Health Awareness

38. Placement Services Provided to Students

Placements

For our engineering stream viz. B.Tech. and MCA during the academic year 2009-10 (01-04-2009 to 31.03.2010), offers were received both for 2009 as well as 2010 batch students. The recruiters for 2009 batch included Swaraj Mazda Ltd.(2), Agri King Tractors Ltd. (1), and Quark (3), TCS (65), Infosys (113), Tech. Mahindra (36), Alos Origin (15), Aditi Tech (09). For 2010 batch students, 207 job offers were received from various organizations, viz. Infosys (115), Tech Mahindra Ltd. (20), Akash Education Services Ltd (1), Newgen Technologies Ltd. (3) and Tata Consultancy Services Ltd. (68), wherein 153 students got placed, excluding duplicate offers. The recruiters offered handsome compensations, falling mostly in the range from Rs. 2.40 to Rs. 3.50 Lacs Per annum.

The recruitments from Management streams during the academic year 2009-10 also included offers for 2009 as well as 2010 batch students. The recruiters for 2009 batch include IDBI Bank Ltd.(16), Mahindra Finance (9), Bharti Retail Ltd.(2), HDFC Bank Ltd. (12), while for 2010 batch, the offers were made by Oriental Bank of Commerce (9), SBI Life Insurance (5), Indiabulls Securities (5) and Swaraj Mazda Ltd. (1). The compensation offered ranged mostly between 2.50 to Rs. 4.50 Lacs per annum.

Besides these, Jubilant Chemsys recruited 6 students from Chemistry Departments while 3 students from Mathematics Department got placed with Lovely Professional University.

Industrial Training

Industrial training is provided to engineering students as part of their curriculum in the Project Semester. In this respect, the University Placement Cell co-ordinates with the companies, which make job-offers to our students, for providing training to the 30 students from our University for their Project Semester Training at Mysore of Infosys. In pursuance of strengthening of ties with industry, slots for project-based training were arranged with Swaraj Mazda Ltd and Agri King Tractors Ltd., wherein the students did fruitful project work and some of them succeeded in securing job offer subsequent to completion of their training.

Industry Institute Interaction

The Placement Cell acts as a bridge between the students and the industry. Visits of faculty members from IT and Non-IT streams of engineering are arranged, so as to broaden the base of recruitments for our students. In this connection, visits of students and faculty were arranged to Infosys and Swaraj Mazda Ltd. The Cell also facilitates visits of experts from the Industry, so as to provide a platform for interaction with our faculty and students through talks and seminars etc. During the current academic session, five such interactions were arranged with the help of our alumni working with Swaraj Mazda Ltd., who provided guidance to our students working on advanced design and analysis software packages.

Special Training Programmes for Students.

Punjabi University signed an MoU with Infosys Technologies in the year 2006, thereby, becoming a partner along with a few other premier institutes of the country in the “Industry-Academic Collaboration” under the banner of “Campus Connect”, wherein training is provided to the students for the development of Technical and Soft Skills of Engineering and MCA students. Till date, we have accomplished successful completion of four batches each of technical as well as soft skills programme.

With a view to enhance the competitiveness of our students, a-4-week summer training programme B.Tech. students was arranged in-house during vacations after second year wherein they were provided hands-on experience working on typical industrial problems using various design software packages.

39. Development Programmes for Non-Teaching Staff

The University encourages the non-teaching staff also to improve their educational qualifications through distance education or evening classes. The University has very liberal rules to sanction leave, if any employee wants to join a regular course. Special increments are also granted to the employees after the successful completion of the course. As a result most of the members of the non-teaching staff have Completed: their post graduation and even there are a few who have done their Ph.D.

The university is actively involved in the computerization of all the administrative work of the university. Most of the examination work has already been computerized. In order to train the existing employees of the University for Computer Applications, University Computer Centre arranges free training courses in the evening. The employees are encouraged to join these courses and special pay is also given to the employees who complete these courses successfully.

In addition, liberal loans are also sanctioned to the employees who want to purchase personal computers.

40. Good Practices of the Institution

Faculty of Arts and Culture	
Department	
Dance	The Students of the dance department participate and give cultural programmes in the annual functions/workshops/seminars etc. organized by other departments at State and National level.
Fine Arts	Free access to departmental library, collection, Graphic tools, slides, rollers, graphic machines, kiln in the workshops.
Music	Availability of the teachers to the students, solving their problems and having consultation with them after the periods also. Access to the recordings of great maestros available in the department.
Faculty of Business Studies	
Department	

School of Management Studies	Department believes in participation of faculty and students in the growth and future plans of the department. Following new initiatives have been introduced for better future results.
	Class incharges have been appointed from faculty for the better interaction among students and teachers. Feedback for the Assessment of teachers also introduced. Department encourages students for participation in inter department activities like quizzes, declamations, Painting contests for creating innovation and confidence among young students.
Faculty of Education and Information Science	
Department	
Journalism and Mass Communication	Cordial academic atmosphere and good relations with the industry.
Library & Information Science	Students are encouraged to write papers and participate in competitions.
Physical Education	Department provides education to rural and backward area students as well as sportsman of national and international repute. Department updates and revises curriculum regularly to meet the need of society.
Faculty of Engineering	
Department	
University College of Engineering	Upgradation of Labs keeping in view the technological advancements at global and National Level. Modification of curriculum every year based on constructive feedback from various bodies. Running of special programs for better placement of students. Providing facilities, study leave & special Leave to faculty to persue Ph.D., research and to attend short courses for updating their knowledge.
	Continuous improvement in the infra-structure to provide better teaching and research facilities. To encourage extra-curricular activities through various clubs among students.

Faculty of Languages	
Department	
English	Department holds an annual National Seminar on recent developments in Literature and Theory and aslo an annual Dr. Rao Memorial lecture in memory of a colleague who passed away during service. We also have an annual students Sood Memorial Symposium in which students from colleges and universities across the region participate. We have evolved certain criteria to present prizes to the outgoing M.A. class and also to the students who have brought laurels to the Dept. by winning prizes in various competitions.
Hindi	All the teachers give inspiration to the students regarding personality
Linguistics & Punjabi Lexicography	Homely environment for students. Constant intervention in policy issues related to Punjabi Language.
Punjabi	Close ties of teachers and students, Continuous assessment, departmental literary activities and interaction of teachers, writers and students on regular intervals.
Sanskrit & Pali	Students are given training to speak and write Sanskritlanguage.
Faculty of Law	
Department	
Law (Morning)	All teachers are available for consultation to the students. Department maintains a Legal Aid Clinic where students & others can consult the teachers on legal matters.
Punjab School of Law	The Department keeps on inviting eminent guest faculty and organizes extension lectures and seminars regularly.
Faculty of Life Sciences	
Department	
Botany	Department conducting seminars & tutorials at M.Sc., M.Phil. level Excursion tours to different hill station for

	study of Natural Floras are organised for research scholars.
Human Biology	Harmonious development of the students is maintained by presentation of lectures and seminars and preparation of assignments from time to time. The faculty of the department uses audio- visual aids for making the teaching - learning process a more experiencing task. The dissertation and doctoral research projects are selected and carried out taking into consideration their significance in the welfare of the human society and environment as a whole.
Zoology	Zoo-taff Medal awarded to the Best Student of the year. Department organizes educational tours for M.Sc. students in Different areas of the country every year.
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	The department has installed a LCD projector for routine teaching and seminars. The M. Pharm. students are encouraged to discuss new concepts and ideas in seminars. The UG students are encouraged to participate in the class room discussions through problem based learning workshops.
Sports Science	Free access to Departmental Library which is the Repository Library of World Bank publications.
Faculty of Physical Sciences	
Department	
Chemistry	Departments teaching and non-teaching staff all accommodate the students in their studies and other programme.
Computer Science	The Faculty is actively engaged in the research work as evident from their publications(about 40) in the journals of International and National repute. students are mentioned for publication of their research work. Professional grooming of students through their regular interaction with the industry people is encouraged. .

	<p>Complete transparency in the internal assessment/award system is maintained.</p> <p>Provided the best infrastructure for computer labs</p> <p>Library with latest books and journals</p> <p>Revision of the curriculum from time to time</p> <p>Strengthen and nurture outstanding faculty and office staff</p> <p>Serve as mentors and advisors to students</p>
Mathematics	<p>Internal test schedules are displayed on the very first day of starting of a new semester.</p> <p>Students are encouraged to use central computing facilities for their career development.</p> <p>Teachers are being encouraged to equip with modern teaching techniques as well as to strengthen their research profile.</p>
Physics	<p>Department invites from time to time eminent scientists and academicians to deliver extension lectures to enrich the scientific temperament of budding scientists.</p> <p>The department frequently organizes workshops/symposia/ conferences for upgradation of research.</p> <p>Arranges academic tour of students of national fame laboratories/institutes.</p> <p>Time to time solar and lunar eclipses are shown to students and public from the university campus and outside the campus by 6 and 24 inch telescopes.</p> <p>DST Punjab selects school children for Punjab state, who were shown the 24 inch telescope and the studies being done by the telescope. B.Sc. Students of Mohindera, College Patiala also visited the 24" telescope and saw the astronomical events alongwith their teachers incharge.</p>
Statistics	<p>Teachers of the dept. teach the students by giving assignments, delivering lectures, individual guidance and by conducting internal tests within the semester.</p> <p>Teachers also give practical training to the students by giving them instructions regarding the problem and</p>
	<p>instruct them to obtain the results of the data on the given problem by using statistical softwares.</p> <p>Department also informs to the students about the placements in various MNCs and other institutes from time to time.</p> <p>Department organizes the educational tour from time to time.</p>

Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Free internet access to the students to journals through INFEBNET.
Economics	Free Access to Departmental Library which is the Repository Library of World Bank Publications. Internet Access to Journals through INFLIBNET.
Geography	Access to Dept. Library & University Library.
History	Free internet access for the students is available.
Philosophy	Emphasis on vernacular language i.e Punjabi is encouraged .
Psychology	A schedule in the beginning of the semester is prepared, which is followed in spirit and letter till the end. Field experiments have been made a significant part of the curriculum in order to reinforce practical utilization of the subject. Basic Computer Education is a part and parcel of the curriculum which is strictly followed. The training to the students is extended to practical training through actual counselling during Psychofest and Rural Fest.
Political Science	Well reputed Journal entitled Journal of Indian Govt. and Political Studies (bi-Annual) published by the Department.
Public Administration	Organizing National Level Seminar/Conference on Relevant Themes every year, Encouraging Students' seminars. Encouraging healthy interaction between students and teachers.
Religious Studies	Free access to the well equipped Department library and Internet facility for all the students.
Social Work	Work in Vernacular Language (Punjabi) along with English has been ensured.
Sociology & Social Anthropology	Class work is combined with field work Required feedback has been taken from the students.

Research Departments	
Department	
Development of Punjabi Languages	<p>Professor of Eminance Dr. Sutinder Singh Noor</p> <p>Life Fellows Prof. Kirpal Singh Kasel, Dr. Mohinder Kaur Gill, Dr. Dalip Kaur Tiwana, Sh. Hans Raj Hans, Dr. Karnail Singh Thind, Prof. Gurdial Singh, Dr. Madanjit Kaur, Dr. G.S. Nayyar, Dr. J.S. Grewal, Dr. Kuldeep Nayyar</p> <p>Senior Fellows Dr. Ranbir Singh Sarao, Dr. Rajinder Singh Bhasin, Dr. Surjit Pattar, Dr. Rattan Singh Jaggi, Dr. Jagbir Singh Jaggi,</p> <p>Fellows Dr. S.S.Dhillon, Dr. Pabitra Kumar Rai, Dr.R.D. Nirakari Dr. Harbans Singh Chawla, Dr. Anup Singh Virk</p> <p>Prof. Preetan Singh Fellowship Prin. Mohan Singh Prem</p> <p>Hounrary Fellowship Prof. Gulzar Singh Sandhu</p>
Professor Harbans Singh Encyclopaedia of Sikhism	A good number of books on Sikhism are in the departmental library, access to the students and researchers have free access to them.
Sri Guru Granth Sahib Studies	Constant interaction with stake-holders through workshops, short courses, Participate in related academic gatherings.
Maharishi Valmiki Chair	To promote the teachings of Maharishi Valmiki Ji.

41. Linkages Developed with National/International, Academic/Research Bodies

Faculty of Arts and Culture	
Department	
Fine Arts	Galleries like Punjab Art Council, Chandigarh ,

	Chandigarh Lalit Kala Akademi, Thakur Singh Art Gallery, Amritsar, Sheesh Mahal, Patiala, National Gallery of Modern Art at New Delhi, etc.
Music	In collaboration with Punjab Heritage Foundation USA, organised on November 18, 2009. Classical Instrumental, Music (Flute Recital), Music Dept, PUP in collaboration, with NZCC and SPIC MACAY organised on October 5, 2009,
Theatre and Television	Doordarshan Kendra Jalandhar, Doordarshan Kendra Delhi, Indian Theatre Punjab University Chandigarh, National School Of Drama New Delhi, Indira Gandhi Council of Art and Culture, New Delhi.
Faculty of Business Studies	
Department	
Commerce	Faculty members of the department are members of various academic bodies at national level and they participate regularly in conferences organised by such bodies.
School of Management Studies	The Department has an association with an Indian management Association (IMA), Punjab Commerce & Managements Association (PCMA), Indian Commerce Association (ICA).
Faculty of Education and Information Science	
Department	
Library & Information Science	International IFLA/FAIFE, Unesco National IATLIS,ILA State PLA
Physical Education	National Institutes of Sports, Patiala (Punjab) LNUPE, Gwalior (M.P.)
Faculty of Engineering	
Department	
University College of Engineering	Memorandum of Understanding (MOU) signed with Wilkes University, USA for 5 yrs Engineering Management Course.

Faculty of Languages	
Department	
Linguistics & Punjabi Lexicography	MOU for language and Culture Immersion Programme signed with Singapore Khalsa Association, Singapore. MOU for student exchange programme signed with Kwantlen University College, Kwantlen, Canada.
Sanskrit & Pali	Life membership of B.O.R.I Pune
Faculty of Law	
Department	
Law (Morning)	Indian Law Institute, Supreme Court library & Parliament Library.
Faculty of Life Sciences	
Department	
Biotechnology	1. International Weed Science Congress, Vancouver, Canada, 2008. 2. BITS, Pilani, Goa campus, NDRI, Karnal and IIT, Delhi. 3. PSCST, Chandigarh. 4. NCSTC Network (DST). 5. Interference RNA Society, Oxford University, UK.
Human Biology	Prof. S.P. Singh Professional Body / Academy Position as Member National Level Indian Anthropological Association (IAA) Indian Science Congress Association (ISCA)
	National Working Group on Kinanthropometry (NWGK) National Association of Physical Education and Sports Science (NAPESS) Indian Association of Sports Science and Physical Education (IASSPE) Working Group in Anthropology (National Institute of Science Communication and information Resources, CSIR, New Delhi) International Level International Society for the Advancement of Kinanthropometry (ISAK) Prof. S.M.S. Chahal

	<p>Professional Body / Academy Position as Life Member</p> <p>National Level Indian Anthropological Society Genetic Association of India Indian Anthropological Association Ethnographic & Folk Culture Society Indian Society for Human Ecology Indian National Confederation and Academy of Anthropologist (INCAA) Working Group in Anthropology (National Institute of Science Communication and Information Resources, CSIR, New Delhi)</p> <p>International Level Position as Member International Association of Human Biologists (I.A.H.B) Society for the study of Human Biology (S.S.H.B)</p> <p>Prof. Pushpa Singal Professional Body /Academy Position as Member National Level Ethnographic & Folk Culture Society Indian Science Congress Association (ISCA) Indian Association of Sports Science and Physical Education (IASSPE) National Working Group on Kinanthropometry (NWGK)</p> <p>Prof. Promila Mehta Professional Body / Academy Position as Member National Level Indian Anthropological Association Indian Science Congress Association (ISCA) National Working Group on Kinanthropometry (NWGK) National Association of Physical Education and Sports Science (NAPESS) Indian Association of Sports Science and Physical</p>
	<p>Education (IASSPE)</p> <p>International Level International Society for the Advancement of Kinanthropometry (ISAK)</p> <p>Prof. Satbir Kaur Professional Body / Academy Position as Life Member National Level Indian Society for Human Genetics Environmental Mutagen Society of India Punjab Academy of Sciences</p> <p>Dr. Rupinder Kaur Professional Body / Academy Position as Life Member National Level</p>

	Punjab Academy of Sciences Indian National Confederation and Academy of Anthropological
Zoology	The Teachers of the Department are members of various academic/research bodies like Indian Science Congress Association National Academy of Vectors and Vector Borne Diseases Punjab Academy of Sciences Indian Academy of Forensic Sciences Uttar Pradesh Zoological Society Association for advancement of Insect Science Life member of Society of Cytologists and Geneticists, India. Life member of Society of Life Sciences. Member of National Institute of Ecology (NIE), New Delhi. Society for Vector Ecology, USA Founder member SACNET, Bionet etc
Faculty of Medicine	
Department	
Sports Science	Gatka Association of Punjab to start the research work on GATKA.
Faculty of Physical Sciences	
Department	
Chemistry	New IHBT programme is under consideration.
Mathematics	The department has research collaboration with I.I.T. Roorkee and N.I.T.,
Physics	Teachers/research scholars attended various National/International conferences in India and abroad and also have collaboration with National/International Universities and research institutes as mentioned below ARIES Observatory , Nainital ISRO, Banglore. ACADEMIA SINICA, TAIWAN. Thapar University, Patiala. Delhi University, New Delhi. Queen's Marry University, London.

Faculty of Social Sciences	
Department	
Defence & Strategic Studies	Yes, National Congress for Defence Studies (NCDS). Dr. Kamal Kinger and Dr. Umrao Singh are associate members of IDSA, New Delhi and life members of NCDS. Dr. Inderjeet Singh and Dr. Kewal Krishan are life members of NCDS.
Economics	Greenpeace India Society, Bangalore; UGC, New Delhi; Punjab Rural Development Board, Government of Punjab, Chandigarh; National Foundation of India, New Delhi; IEKA, Sweden and Centre for Policy Research, New Delhi.
History	Dr. Jaspal Kaur and Dr. Kulbir Singh Dhillon are members of the Advisory Board of the Journal of the Research Society of Pakistan.
Philosophy	Academic and Research linkage with IPC, ABDP and ICPR.
Psychology	National Academy of Psychology. Indian Association of Applied Psychology. Indian Association of Clinical Psychology. Delhi Association of Clinical Psychology. Rehabilitation Council of India. Psycho Lingua. PRAACHI The Punjab Heritage.
	NADA Centre of Music Therapy, Chennai. Indian Science Congress.
Political Science	Our faculty members have linkage with the following Institutions/Bodies Indian Institute of Public Administration Indian Association of Public Administration Indian Political Science Association
Public Administration	Indian Institute of Public Administration Mahatma Gandhi Institute of Public Administration, Punjab Indian Political Science Association Indian Public Administration Association

Religious Studies	U.G.C., ICSSR, ICHR
Sociology & Social Anthropology	Research project on Gender, Culture and Development in collaboration with UNITWIN UNESCO, Boston University, Jamia Milia and Shanti Nikitan, Punjab Research Group Manchester U.K.
Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	Institute of Meditation and Interfaith Studies, Rishikesh
Punjab Historical Studies	ICHR
Maharishi Valmiki Chair	Central Valmik Sabha International, UK

42. Action Taken Report on the AQAR of the Previous Year

Faculty of Arts and Culture	
Department	
Fine Arts	Faculty of the Department is encouraged to participate in Seminars, Symposiums, Exhibitions, Workshops, Conferences, Lectures etc.
Music	The dept. has made addition to the teaching faculty. Two lecturers and one technical assistant have joined the department. Dept. is also trying to have two tabla players on permanent basis.

Theatre and Television	Previous year's report is analyzed and action is taken like adding and inviting special outside faculty, adding infrastructure etc.	
Faculty of Languages		
Department		
Punjabi	The Faculty of department is encouraged to take research projects.	
Faculty of Law		
Department		
Law (Morning)	Faculty members are encouraged to follow the new curricula made by Bar Council of India.	
Faculty of Medicine		
Department		
Sports Science	The faculty of department is encouraged to take up research work.	
Faculty of Physical Sciences		
Department		
Computer Science	Plans for 2009 -2010	Action Taken
	Organize 3rd National conference 'Recent Advances and Future Trends in Information Technology' (RAFIT 2009) in March, 2009	Organized
	Provide highest quality laboratories for students and research scholars	Provided best lab facilities to the student
	Strengthen Library with latest	92 new books

	books and journals.	purchased
	Update our curriculum to incorporate innovations in ever-changing CS technology	Syllabus modified through board of studies
	Strengthen and nurture outstanding faculty	Faculty sent for refresher course
	Strengthen and nurture outstanding office staff	New equipment with latest configuration provided to office staff
	Serve as mentors and advisor to students throughout their time at Department of Computer Science	acted as adviser to students whenever they needed
Mathematics	Efforts are being made for the overall development of the department.	
University Computer Centre	<p>Internet Band width of the University has been increased from 16 Mbps to 25 Mbps.</p> <p>Internet facility has been extended to eight Hostels by fixing 138 Wireless Access Points.</p> <p>A separate Intranet (managed on the campus backbone through VLAN/ firewall) connecting the offices at Goal Market, Administrative Block and Enquiry Office (Main Gate) has been setup for the Accounts branch.</p> <p>Web space has been increased from 7Gb to 25 GB.</p> <p>Infrastructural facilities at the Computer Centre have been increased as per Appendix -C</p>	
	For more details, Please see the attached “Annotated Profile of Computer Centre”. Appendix-A	
Faculty of Social Sciences		
Department		
Economics	The faculty of department is encouraged to take research projects.	
Geography	Access to Dept. Library & University Library.	
History	The faculty of department is encouraged to take various research projects.	
Philosophy	The faculty of department is encouraged to take up	

	research projects.
Psychology	The faculty members have been attending various National and International Conferences at various places, where they have presented scientific papers of research relevance.
Public Administration	The faculty of department is encouraged to take research projects.
Religious Studies	The faculty is encouraged to take up new research projects
Social Work	The faculty of department is encouraged to take research projects.

43. Any Other Relevant Information the Institution Wishes to Add

During the year 2009-10, Publication Bureau of the University published books, the list of which is provided below:+

List of Books

S.No	Name of Books	Name of the Author
1	Aao Punjabi Sikhie	Satnam Singh Sandhu
2	Sufi Rhythms	Harjit Singh Gill
3	Media, Parents and Children	Gurmeet Singh Maan
4	Bawa Balwant Ranchnawali	Jaswinder Singh
5	Punjabi da Uttari America vich Parvas	Harcharn Singh
6	Itihas Shri Guru Granth Sahib	Rattan Singh Jaggi
7	Prachin Bharat di Sanskriti ate Sabhiata	B.D.Kosambhi
8	Mahinder Singh Randhawa	Bhupinder Singh Khehra
9	Katha Sansar	Jaswinder Singh
10	Samkali Punjabi Kavita	Jagjit Singh
11	Sabhyachar te Vichar	Nahar Singh
12	Punjabi di Path Pustak	Baldev Singh Cheema
13	Samkali Punjabi Natak	Manjit Pal Kaur
14	Lokdhara di Bhumika	Bhupinder Singh Khehra
15	Rajniti Vigyan Visha Kosh	D.R. Sachdeva
16	Munajat-e-Thamdadi	H.S. Pannu
17	Growth of Law in India:Role of Judiciary	Harpal Kaur Khehra

18	Applied Philosophy in Guru Granth Sahib	Jodh Singh
19	Bharat di Azadi di Jit	Pardeep Sachdeva
20	Mian Imam Baksh:Jeewan te Rachna	Gulzar Singh Kang
21	Mahan Kosh-1	Kahan Singh Nabha
22	Punjabi Kosh	Joga Singh
23	Naroi Nari	Darshanjot Kaur
24	Punjabi Bhasha, Sahit, Sabhyachar, Samkal ate Bhavikh	Dhanwant Kaur
25	Bharat Vich Sufiwad Chonwan Sandarabh	Mohd. Habib
26	Sikh Itihas de Chonve Mool Sarot	Gurbachan Singh Nayyar
27	Anndata	Narinderjit Kaur
28	Do Vanshi Bandhu	Surjit Hans
29	Bengal Vich Swadeshi Lehar	Madanjit Kaur
30	Badshah John	Surjit Hans
31	Guru Granth Sahib Antar Rashtri Lipikaran Part I	Harjit Singh Gill
32	Jeewan di Upaj ate Vikas	Surjit Singh Dhillon
33	Sangeet di Shikhiya vich Manovigianak Sindhantan da Upyog	Davinder Kaur
34	Guru Angad Dev Jeewan te Rachna	Parmveer Kaur
35	Shri Guru Granth Sahib: Chintan ate Vichardhara	Parmveer Kaur
36	Bharat wich Adhunik Kala	Saroj Chaman
37	Challenges and Opportunities before Indian Media	Gurmeet Singh Maan
38	Guru Tegh Bahadur:Jeewan te Rachna	Balbir Singh Dil

Journals

1	Samajik Vigayan Pattar, No. 57
2	Sabhyachar Patrika, No. 7 & 8
3	Punjab History Conference Proceedings, No. 41
4	Punjab Past and Present, No. 39 and 41
5	Vigayan de Naksh, No. 44
6	Punjabi University, Law Journal, Vol. 2
7	Journal of Religious Studies

Faculty of Arts and Culture

Department	
Dance	<p>Future Plans</p> <p>To provide computer with Internet facility to all the faculty members .</p> <p>To set up a projector and video room. Collaboration with ICCR,</p> <p>To organize international conferences.</p>
Fine Arts	<p>The subject of Miniature Painting at Post Graduation level started from 2005 in our department. No other University is having subject at the Post Graduation level in the Northern India. Our department has the honor to have Prof. M.K. Sharma (Sumohindra) Ex. principal Art College, Jaipur and Director, Jawahar Kala Kendra, Jaipur who is presently working as Subject Expert (Miniature Painting) in our dept. The subject of Miniature Painting is taught here in traditional style, technique and equipments.</p>
Music	<p>All the seats in the department are full and students are also coming from religious such as J&K H.P Haryana. All the faculty members are active in professional field and performing regularly. They have been participating in the seminars and acting as resource persons and experts in refresher courses selection committees.</p>
Theatre and Television	<p>Department has eminent faculty having professional standing in the field. The department boasts of its unique identity and its contribution towards the promotion of language and culture and general betterment of the society.</p>
Faculty of Business Studies	
Department	
Commerce	<p>Some of the faculty members chaired the technical sessions during various seminars and acted as resource persons at various refresher courses organised by other universities in the region. Professor J.S. Pasricha acted as Coordinator for State level test.</p>
Faculty of Education and Information Science	

Department	
Library & Information Science	Dr. Jagtar Singh participated in stakeholders meeting on 'National Mission on Libraries' on invitation from Ministry of Human Resource Development (MHRD), Govt. of India.
Physical Education	The department has been working very hard to uplift the standard of community health. For this department organized camps related to yoga, health awareness, physical fitness, naturopathy, acupressure etc. from various time to time.
Faculty of Engineering	
Department	
University College of Engineering	<p>Individual research work by various faculty members</p> <p>Papers co-authored by Dr Manjeet Singh Patterh</p> <p>a. Effect of Cochannel Interferers on the Performance of Coded MQAM with MRC Diversity over Rayleigh Fading Channels” Journal of Electronics & Telecom Engineering Division of Institution of Engineers(I), vol. 90, pp. 3-7, 2009.</p> <p>b. Coded MQAM under Triple Selection Diversity over Exponential Correlated Nakagami-m Fading Environment” The Mediterranean Journal of</p> <p>c. Electronics and Communications, vol. 5, No. 2, pp. 38-44, 2009.</p> <p>d. Effect of Transmission Codes on Performance of MQAM over wireless Rician Fading Environment,”International Journal of Communication & Electronics, vol. 4, No. 4, pp. 49-58, 2009.</p> <p>Design of Linear antenna arrays for minimum sidelobe level and null control using Simulated Annealing” Journal of IE(I) Vol. 90, July 2009, pp. 37-40</p> <p>e. Design of circular antenna arrays using particle swarm optimization” Cambridge University Press International Journal of Microwave and Wireless Communication Vol.1 (5) pp. 441-446, 2009</p> <p>Dr I.P.S. Ahuja, Reader, Mechanical Engineering, Publications in International Journals</p> <p>a. Ahuja, I.P.S. and Kumar, P. (2009) “A case study of</p>

	<p>total productive maintenance implementation at Precision Tube Mills”, Journal of Quality in Maintenance Engineering, Vol. 15, No. 3, pp. 241–258.</p> <p>b. Ahuja, I.P.S. and Khamba, J.S. (2009) “Investigation of Manufacturing Performance Achievements through Strategic Total Productive Maintenance Initiatives”, International Journal of Productivity and Quality Management (IJPQM), Vol. 4, No. 2, pp. 129–152.</p> <p>c. Ahuja, I.P.S. and Khamba, J.S. (2009) “Evolving indigenous TPM Methodology for Indian Manufacturing Industry”, International Journal of Technology, Policy and Management (IJTPM), Vol. 9, No. 1, pp. 29–73.</p> <p>Dr Vinay Kumar Gupta, Reader, Mechanical Engineering, Publications in International Journals</p> <p>a. V.K.Gupta, S.B.Singh and S.Ray, “Role of Reinforcement Geometry on the Steady State Creep Behavior of a Rotating Composite Disc”, Multidisciplinary Modeling in Materials & Structures (MMMS), 5 (2), 2009, pp. 139-150.</p> <p>b. Balraj Singh Saini, V.K. Gupta and Ramandeep Ramana, “Experimental rig for testing specimens under bending fatigue”, International Journal of Materials Engineering & Technology, 1 (1), 2009, pp. 25-32.</p>
	<p>c. Dharmpal Deepak, V. K. Gupta and Ashok K. Dham, “Impact of Stress Exponent on Steady State Creep in a Rotating Composite Disc”, Journal of Strain Analysis for Engineering Design, 44 (2), 2009, pp. 127-135.</p> <p>d. Tejeet Singh and V.K. Gupta, “Modeling Steady State Creep in Functionally Graded Thick Composite Cylinder Subjected to Internal Pressure” Journal of Strain Analysis for Engineering Design, 44 (7), 2009, pp. 583-594.</p> <p>J.S.Dureja, V.K.Gupta, Vishal S Sharma, and Manu Dogra, “Design Optimization of Flank Wear and Surface Roughness for CBN-Tin Tools During Dry Hard Turning of Hot Work Die Steel” International Journal of Machining & Machinability of Materials</p> <p>e. Special Issue Near Dry - Minimum Quantity of Lubricant (MQL)Machining (Indersecience), 7 (1-2), 2010, pp. 129-147.</p> <p>f. J.S.Dureja, V.K.Gupta, Vishal S. Sharma and Manu Dogra, “Wear Mechanisms of Coated Mixed-Ceramic</p>

	<p>Tool During Finish Hard Turning of Hot Tool Die Steel” Proc. IMechE, Part C J. Mechanical Engineering Science, 2010, 224(1), 183-193. DOI 10.1243/09544062JMES1691 (Professional Engg. Publishing Ltd).</p> <p>g. Dharmpal Deepak, V. K. Gupta and Ashok K. Dham, “Steady State Creep in a Rotating Composite Disc of Variable Thickness” International Journal of Materials Research, 101 (6), 2010, pp. 780-786.</p> <p>h. Tejeet Singh and V.K. Gupta, “Modeling Creep in a Thick Composite Cylinder Subjected to Internal and External Pressures”, International Journal of Materials Research, 101 (6), 2010, pp. 279-286.</p> <p>i. Tejeet Singh and V.K. Gupta, “Modeling Steady State Creep in Functionally Graded Thick Cylinder Subjected to Internal Pressure”, Journal of Composite Materials, 44 (11), 2010, pp. 1317-1333.</p> <p>j. B.S.Saini and V.K.Gupta, “Effect of WC/C PVD coating on fatigue behavior of case carburized SAE8620 steel”, Surface & Coatings Technology, 205 (2), 2010, pp. 511–518.</p> <p>Balraj Singh, Reader, Mechanical Engineering, Publications in International Journals</p> <p>a. Saini, B.S., Gupta, V.K. and Ramana, R., "Experimental rig for testing specimens under</p>
	<p>b. bending fatigue," Intl. J. Mat. Engg. Technol. 1 (2009), 25-32.</p> <p>c. Saini, B.S. and Gupta, V.K., “Fracture surface topography of SAE8620 steel specimens subjected to bending fatigue,” Intl. J. Mat. Engg. Technol. 3 (2010), 63-76.</p> <p>Saini, B.S. and Gupta, V.K., “Effect of WC/C PVD coating on fatigue behavior of case carburized SAE8620 steel,” Surf. Coat. Technol. 205 (2010), 511-518.Dr Chanpreet Singh, Reader, Mechanical Engineering, Publications in International Journals</p> <p>a. Singh, Chanpreet., Tathgir, R.G. and murlidhar, K “Energy storage in fluid porous media using oscillatory flow”, Heat and mass transfer journal springer in 2009.</p> <p>b. Dr Jasminder Singh Dureja, Lecturer, Mechanical Engg., UCoE Publications in International Journals Dureja, J.S., Gupta, V.K., Sharma, Vishal S., Dogra, Manu (2009) “Design optimization of cutting conditions and analysis of their effect on tool wear and surface roughness during hard</p>

	<p>turning of AISIH11 steel with coated-mixed ceramic tool” Proceedings of the Institution of Mechanical Engineers U.K., Part B, Journal ofEngineering Manufacture, Vol.223, pp. 1441-1453 (DOI 10.1243/09544054JEM1498)</p> <p>a. Dureja, J.S., Gupta, V.K., Sharma, Vishal S., Dogra, Manu (2009) “Wear mechanisms of coated mixed ceramic tool during finish hard turning of hot tool die steel” Proceedings of the Institution of Mechanical Engineers U.K., Part C, Journal Mechanical Engineering Science, Vol. 224, Number 1 / 2010, pp. 183- 193 (DOI 10.1243/09544062JMES1691) ISSN Print 0954-4062, ISSN Online 2041-2983</p> <p>b. Dureja, J.S., Gupta, V.K., Sharma, Vishal S., Dogra, Manu “Investigating wear mechanisms of CBN and Mixed-Ceramic tools during finish hard turning of low-medium hardness AISI H11 steel” International Journal of Machining and Machinability of Materials IJMMM-Inderscienc</p> <p>c. Dureja, J.S., Gupta, V.K., Sharma, Vishal S., Dogra, Manu “Wear mechanisms of CBN-TiN coated tool during finish hard turning of hot tool die steel” Proceedings of the Institution of Mechanical Engineers U.K., Part B, Journal Engineering Manufacture, Vol.224 - Online ISSN 2041-2975,</p>
	<p>d. Print ISSN 0954- 4054 (DOI 10.1243/09544054JEM1664)</p> <p>e. Dureja, J.S., Gupta, V.K., Sharma, Vishal S., Dogra, Manu (2010) Design optimization of flank wear and surface roughness for CBN-TiN tools during dry hard turning of hot work die steel” special issue on dry machining, International Journal of Machining and Machinability of Materials IJMMM-Inderscience Vol. 7, pp. 129 – 147, Nos. 1/2, 2010, ISSN (Online) 1748-572X - ISSN (Print) 1748-5711</p> <p>Er Vinod Verma, lecturer, Mechanical Engineering, Publications in International Journals</p> <p>a. Kumar, Vinod., Mohan, Narendra., and Khamba, J.S. (2010) “Modeling of bead width and flux consumption in submerged arc welding using developed fluxes”, Journal of Mechanical Engineering, Icfai University, pp. 42-57.</p> <p>b. Kumar, Vinod, Mohan, Narendra., and Khamba, J.S. (2010) “Development of agglomerated acidic flux for submerged arc welding”, Estonian Journal of Engineering, Vol 16, issue 2, pp135-141.</p>

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	<p>Dr. Anup Thakur List of publications</p> <p>a. Effect of proton irradiation on electrical properties of a-As_2S_3</p> <p>b. Sanjeev Gautam, Anup Thakur, D.K. Shukla, K.P. Singh, H.J. Shin, K. H. Chae, N. Goyal</p> <p>c. Journal of Non-Crystalline Solids (Accepted)</p> <p>d. Effect of visible light on a-Se-Te thin film,</p> <p>e. V. Sharma, Anup Thakur, Optoelectronic and Advanced Materials-Rapid Comm., 3 (2009) 1046-1049{pp-04}</p> <p>Dr. Sanjeev Kumar List of publications</p> <p>a. Sanjeev Kumar, “Synthesis and characterization of selenium nanowires using template synthesis”, Journal of Experimental Nanoscience. 4, 2009, 341-346.</p> <p>b. Sanjeev Kumar and Satinder K. Sharma, “Growth and Characterization of Large-Scale Uniform Zinc Sulfide Nanowires by Simple Chemical Reaction Technique”, Superlattices and Microstructures, 46, 2009, 687-692.</p>

	<p>c. Sanjeev Kumar and S. K. Chakarvarti, “Large scale synthesis of uniform nickel nanowires and their characterization”, Journal of Experimental Nanoscience. 1, 2010, 1-8.</p> <p>d. Sanjeev Kumar, Vijay Kumar, Satinder K. Sharma, S.K. Sharma, S.K. Chakarvarti, “<u>Large scale synthesis of cadmium selenide nanowires using template synthesis technique and their characterization</u>” Superlattices and Microstructures. 48, 2010. 66-71.</p> <p>e. Sanjeev Kumar, “Electrodeless growth of silver iodide nanowires in a polycarbonate membrane using chemical reaction” Journal of Materials Science Materials in Electronics (DOI 10.1007/s10854-010-0122-y)</p> <p>f. Sanjeev Kumar and Satinder K. Sharma, “Low-temperature synthesis and characterization of Cadmium Sulfide nanowires grown using simple chemical reaction through pores in alumina template” Physica Scripta 82 (2010) 025801</p> <p>Dr. Raminder Kaur List of Publications</p>
	<p>a. Raminder Kaur, N.K. Verma and S.K. Chakarvarti, “Synthesis and characterisation of chromium nanostructures”, Atti della Fondazione Giorgio Ronchi, 745-750, 2009.</p> <p>Dr. Rakesh Kumar List of Publications</p> <p>a. Manish Gogna, Rakesh Kumar and R. K. Nagaich (2010), Totally Umbilical CR-Lightlike Submanifolds of Indefinite Kaehler Manifolds, Bulletin of Mathematical Analysis and Applications, (In Press)</p> <p>b. Rakesh Kumar, Rachna Rani and R. K. Nagaich (2010), Some Properties of Lightlike Submanifolds of Semi-Riemannian Manifolds, Demonstratio Mathematica, Vol. XLIII (3), (2010), 691-701..</p> <p>c. Rakesh Kumar, Rachna Rani and R. K. Nagaich (2009), The Axiom of Spheres in Semi-Riemannian Geometry with Lightlike Submanifolds, Kodai Math. J., Vol. 32 (2009), 52–58.</p> <p>d. Rachna Rani, Rakesh Kumar and R. K. Nagaich (2009), Constancy of φ-Sectional Curvatures of (ϵ)-Sasakian Manifold, Lobachevskii J. of Maths., Vol. 30 (1), (2009), 76-80.</p> <p>e. Rakesh Kumar, Rachna Rani and R. K. Nagaich (2009), Constancy of φ -Holomorphic Sectional</p>

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	<p>Reduction-of-Quality (RoQ) Attacks in Wireless LAN" International Journal of Computer Science and Information Security, Vol. 7, No. 1, pp. 284-291, Jan. 2010.</p> <p>d. "A Cross-Layer Based Intrusion Detection Technique for Wireless" Networks International Arab Journal of Information Technology, Vol. 7 No. 3, 2010.</p> <p>e. "Comparative study of Intrusion Detection Techniques for Wireless Local Area Networks", International Journal of Advanced in Communication Engineering, Vol. 1, No. 1., 2009</p> <p>f. "Reliability analysis of Fault tolerant irregular Multistage Interconnection Network", International Journal of Applied Engineering Research, Vol.4, No.6, pp. 955-962, 2009.</p> <p>g. "Design and Reliability analysis of a new Fault-tolerant Multistage Interconnection Network", International Journal of computer Networks and Internet Research, vol. 8, no. 2, pp. 17 - 23, 2009.</p> <p>h. "Analysis of Intrusion Detection Tools for Wireless Local Area Networks",</p> <p>i. IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.7, pp. 168-177, July 2009.</p> <p>j. "A MAC Layer Based Defense Architecture for Reduction-of-Quality (RoQ) Attacks in Wireless LAN" International Journal of Computer Science and</p>

	<p>Information Security, Vol. 7, No. 1, pp. 284-291, Jan. 2010.</p> <p>k. "A Cross-Layer Based Intrusion Detection Technique for Wireless" Networks International Arab Journal of Information Technology, Vol. 7 No. 3, 2010.</p> <p>l. "Comparative study of Intrusion Detection Techniques for Wireless Local Area Networks", International Journal of Advanced in Communication Engineering, Vol. 1, No. 1., 2009</p> <p>m. "Reliability analysis of Fault tolerant irregular Multistage Interconnection Network", International Journal of Applied Engineering Research, Vol.4, No.6, pp. 955-962, 2009.</p> <p>n. "Design and Reliability analysis of a new Fault-tolerant Multistage Interconnection Network", International Journal of computer Networks and Internet Research, vol. 8, no. 2, pp. 17 - 23, 2009.</p> <p>Books written by various faculty members</p>
	<p>Dr I.P.S. Ahuja, Reader, Mechanical Engg., Books Published Contributed a Chapter (Chapter-17) on "Total Productive Maintenance" in Handbook of Maintenance Management and Engineering, Editors Ben-Daya, M.; Duffuaa, S.O.; Raouf, A.; Knezevic, J.; Ait-Kadi, D., 2009, XXVII, 741 p., ISBN 978-1-84882-471-3, Springer Publishers</p> <p>Dr. Lakhwinder Kaur, Reader (CE)</p> <p>"A systematic Approach to Software Engg." By Lakhwinder Kaur, Savita Gupta, Jatinder Singh, ISBN 81-89253-84-0, Paragon International Publisher, 2009</p>
Faculty of Languages	
Department	
English	<p>The faculty urgently requires PCs and Computers for all members.</p> <p>The proposed conference Room in the Department requires to be prepared/furnished as soon as possible to enable the Department to hold the M. Phil. / Ph.D.. seminars regularly.</p> <p>The teaching posts may be filled on a priority basis to ensure better functioning of the Department.</p>
Hindi	<p>Both the faculty members regularly participate and present their papers in the seminars organized by different university/colleges/institutes. They also deliver lecturers</p>

	as resource person in Refresher/Orientation Courses.
Linguistics & Punjabi Lexicography	Department faculty delivered a number of lectures in other academic institutions and gatherings of professional bodies and acted as resource person in Refresher/Orientation Courses, participated in discussions on audio and visual media and published articles in print media.
Sanskrit & Pali	Under the scheme of Central Govt, 17 informal sanskrit training centre opened in the different cities of Punjab under the coordinationship of Head, Sanskrit
Faculty of Law	
Department	
Law (Morning)	Department of Law is planning To publish next issue of good quality refereed Law Journal entitled PUNJABI UNIVERSITY LAW JOURNAL To set-up Computer Laboratory. To organize Legal Awareness/ Legal Aid Camps on current fields of Law in villages. To start with Diploma Courses in various fields of Law. To make an effort towards opening more optional paper keeping in view the demands of the Students.To revise the syllabi according to the instructions of Bar Council of India.
Punjab School of Law	The Department organizes tutorial classes after teaching hours where students in groups discuss their academic problems with the teachers.
Faculty of Life Sciences	
Department	
Biotechnology	IPR day was celebrated by the IPR Club of the department.
Human Biology	Two UGC Research Fellowships have been awarded.

Zoology	The following Professors of the Department are engaged with various activities of the University Administration such as Prof. M.S. Saini - Dean, Academic Affairs Prof. Devinder Singh – Director, Planning and Monitoring. Prof. Jagbir Singh – President, Environment Society of Punjabi University Prof. Harbhajan Kaur – Chairperson, Women Cell, Punjabi University,
Faculty of Medicine	
Department	
Pharmaceutical Science & Drug Research	Many teachers have upgraded their qualification from Masters to Doctorate.
Sports Science	The faculty members of the department are being regularly engaged as resource persons in different institution and colleges for providing good knowledge in their respective fields of specialization. The Department has also involved the eminent personalities in the subject of Sports Science to deliver their valuable research among the students of Master degree. Many of the faculty members are also actively writing for many news papers, magazines and journals.
Faculty of Physical Sciences	
Department	
Chemistry	A proposal for Diploma in Environmental Technology is under consideration.
Mathematics	Department is facing problem due to lack of space (Class rooms, Staff rooms, Computer Lab). Since undersigned is willing to expand department with new innovating resource generating courses, the extra space for the department is badly needed.

Research Departments	
Department	
Professor Harbans Singh Encyclopaedia of Sikhism	The faculty is encouraged to take research projects.
Punjab Historical Studies	Oral History Cell Oral History Cell of the Department had recorded 19 interviews pertaining to the following themes Partition of the Punjab and Rehabilitation Place of Women in Punjab Punjabi Suba Movement The Sikh Militant Movement Naxalite Movement
Punjabi Literary Studies	The Department of Punjabi Literary Studies was established on 13.04.1967 and is the only department of its own kind in the whole of the country exclusively devoted to the research on Punjabi language and literature.
Sri Guru Granth Sahib Studies	Sri Guru Granth Sahib Department is very prestigious department eminence of the university and is doing research to enhance and establish peace and mutual understanding amongst the communities. This year the department has started teaching programme for the following two courses Certificate Course in Sri Guru Granth Sahib Post-graduate Diploma in Sikh Theology
Gurmat Sangeet Chair	Bebe Nanki Sangeet Park was inaugurated on 8th March, 2010 by Vice-Chancellor Dr. Jaspal Singh. This park was dedicated to the spiritual bond between Guru Nanak Dev ji and his sister, Bebe Nanki, who always stood by him in all situations.

Section C

Plans for the Next Year

Director Planning and Monitoring

During the academic session 2010-11 following new courses will be started in various University Teaching Departments-

Sr.No.	Name of the Department/Centre	Name of the course
1.	Punjabi University Regional Centre for Information Technology and Management, Mohali	M.Tech.(Computer Science and Engineering)
2.	Hindi	P.G. Diploma Hindi Paterkarita
3.	Centre for Advanced Media Studies	Certificate in Videography and Videoediting
4.	Physics	M.Sc. Nanotechnology
5.	Mathematics	i. M.Sc. Applied Mathematics and Computing ii.B.Sc. (Mathematics, Computer Applications and Management)
6.	Commerce	M.Com.- Hon's (Five year integrated course)
7.	Journalism and Mass Communication	P.G. Diploma in Broadcast Journalism
8.	Women's Studies Centre	Post Graduate Diploma in Women and Child Development Course
9.	Distance Education	Certificate Course in Soft Skills and Personality Development
10.	Sri Guru Granth Sahib Studies	Certificate Course in Sri Guru Granth Sahib
11.	Punjabi UniversityGuru Kashi College, Damdama Sahib	M.Sc. (IT)
12.	Punjabi University Neighbourhood Campus, Mandi Maur (Bathinda)	M.B.A.
13.	Punjabi University Baba Jogi Peer Neighbourhood Campus, Ralla (Mansa)	M.C.A.

As per the guidelines related to functioning of various departments, the honourable Vice Chancellor has constituted the Administrative and Audit Committee. The committee visited the University teaching Departments and collected the information regarding Academic and Administrative matters. The report was prepared and sent to UGC for information.

University Sports Committee

- To conduct the off-season coaching camps.
- To conduct the long duration pre-competition camps of the players/teams.
- To provide the quality apparatus to the players./teams.
- To provide sports wings for the outstanding sportspersons.
- To provide free education facilities to the outstanding sportspersons.

Although our planning for the year 2010-2011 is the same as for the year 2009-2010. ut efforts are being made for constructing a Multipurpose Gym, World Class Indoor Hall and a Synthetic Track. Last but not the least a Bus is proposed to bought for the conveyance of the players.

University Cultural Programme Committee

The following programs have been designed and finalized for session 2010-11 during the meeting (7 July 2010) of the executive committee of the Youth Welfare Department which is the constitutional body for its planning.

Youth Festivals

It was decided that Zonal Youth Festivals for the session 2010-2011 will be held from 1 Oct to 15 Oct 2010, Inter-Zonal Youth Festival will be held from 20 October to 29 October, 2010. The dates for the North Zone Inter- Varsity Youth Festival will be held on 17-21 November 2010 at Bundelkhand University Jhansi, and the National Inter- Varsity Youth Festival will be held after 5 January 2010 at Tirupati bala ji University Andhra Pradesh. After that The Folk Festival would be held.

Ropar Zone at Riyat & Bahra MMTI College of law Kharar	(27 Aug 2010 900 AM)
Fatehghath Sahib Zone at P.M.N. College Rajpura	(27 Aug 2010 100 PM)
Bathinda Zone at Govt Rajindera College Bathinda	(28 Aug 2010 900 AM)
Mansa Zone at S.D. College of Education Barnala	(28 Aug 2010 100 PM)
Sangrur Zone at Govt. College Malerkotla	(29 Aug 2010 900 AM)
Patiala Zone at Khalsa College Patiala	(29 Aug 2010 100 PM)

The duration of Zonal Youth Festival would be three days. It is expected that Punjab State Inter University Youth Festival and Punjabi Academy, Delhi, Inter-University Youth Festival, which is not being held for the last many years, would be organized. The University teams would participate in the various items

New Event

Nukkar Natak (Street Play)

A new item of 'Nukkar Natak (Street Play)' has been introduced in Inter Zone Lok Mela from the current session 2010-11. In this regard the existing rules would be mailed to all Colleges.

Workshops/Camps/Hiking/Trekking Training Programs would be organized for the students during the summer break and other days relatively free of academic workload. The Colleges who are interested in sending their teachers/ students for the same should write to the Director Youth Welfare.

Vidyarathi Chetna Lehar

To encourage Talent Hunt programs in various affiliated colleges/regional centres of the University, 30 slots of subsidy worth Rs. 2500/- each would be provided to the host on “first come, first serve’ basis.

Yuvak Sabha

The publication of the magazine ‘Yuvak Sabha’, which is not being published for the last 30 years, would restart from the session 2010-2011.

Youth Welfare Unit of Punjabi University Alumni Association

All the students of Punjabi University, who have participated in various cultural activities since the inception of the Youth Welfare Department can become its members.

Appendix-A

Mission ALL THIS COMES TO PASS THOU HAST WILLED

The University Computer Centre, Punjabi University, Patiala was established in the year 1986 with the assistance of University Grants Commission. The principal objective of the University Computer Centre (UCC) is to provide readily available facilities of computer milieu to students, research scholars and teachers of the Punjabi University. Its associated objective is also to automate administrative and secretarial wings of the University. The UCC is taken as centralised resource facilitator for computerization with an aim to cater to the needs of the entire University. It pompously and humbly claims to be one of the best in the region in terms of computing resources, campus wide network and Internet facility. The UCC also runs a Post Graduate Diploma in Computer Applications (PGDCA) Course of one-year duration. The course allows thirty students to further enhance their employment opportunity. Additionally, five employees are also accommodated to the course. The University allows tuition fees waiver to such employees.

A general picture of activities/ facilities provided by the UCC is as below.

Internet Facility - Any educational institute looking at high growth and a potential to join big league, cannot overlook networking. Sensing out its dire need well in time; the UCC emerged as a pioneer podium in the state to extend campus wide Internet facility way back in the year 1996. It extended the facility through thick/ thin Ethernet now currently banking upon robust backbone technology supported through 1 GB fiber links. As a policy, all new segments will be of capacity 10 GB.

Present Status

- The University has dedicated 25 Mbps 11 uncompressed bandwidth for Internet facilities from M/s HFCL, Mohali.
- It is a 11 leased line connection available on fiber links/ Radio links/ Copper links resulting in unlimited 24X7 connectivity. The Patiala Campus is even backed up by radio antennas from the ISP.
- In the main campus, the facility has been extended to all the departments, administrative branches, hostels, research scholar flats and guesthouses through fiber links. Three departments have been abridged using radio links.
- The Main Campus is having **10** Mbps connection (burstable to 25 Mbps). The UCoE has **7** Mbps connection (burstable to 10 Mbps), **1.5** Mbps (burstable to 5 Mbps) at Mohali Campus, **3** Mbps (burstable to 5 Mbps) at YCoE/ Talwandi Sabo Campus, **1** Mbps (Burstable to 2 Mbps) at Rampura Phul Engg. College, **1** Mbps (Burstable to 2 Mbps) at Rampura College, **512** Kbps connectivity at Talwandi sahib College, **1** Mbps Connection (burstable to 2 Mbps) at Maur Campus. Additional **1** Mbps connectivity is being purchased now for Ralla Campus.

- The Campus Backbone is primarily being used to access On-line Journals. The accounts branch is having its own Interanet (managed on the campus backbone through a separate VLAN/ firewall) connecting its offices at Goal Market, Administrative Block and Enquiry Office (Main Gate).
- The UCC and the University College of Engineering (UCoE) are managing proxy, DNS and allied servers for the University and Engineering College simultaneously.
- State of the art Xeon quad, multi core x86 Intel based processor servers on Linux/ Windows platform from HP and IBM are being used to run e-mail and other applications at the UCC with the help of the ISP. The web browser enabled pbi.ac.in e-mail facility allows the user to access their e-mails anytime, anywhere. Presently, the domain name is registered with ERNET India.
- The power backup in the UCC to the servers has been provided through 7KVA on-line UPS with 120 AH maintenance free batteries with 6 hours backup.
- The University has almost 1200 nodes on its network. These are hooked to central backbone either through wired links/ Wi-fi nodes. All the users in the University are authenticated through Cyberoam Firewall. The UCoE is managing a separate firewall to authenticate its users. All Wi-Fi users have to register their laptops with Hostel Wardens. Manageable WAPs (Majority DLink) are being used to statically bind these laptops. No rogue WAP/ laptop user is allowed to get into the Campus LAN. Managed Campus Network on different VLANS is being managed through 3COM manageable Layer2/ Layer 3 switches.
- Cyberoam UTM and Open source code are being used to check on Viruses, Worms, Trojans, Spams, Intrusions, Indiscriminate surfing, Spyware, Phishing and Pharming, Bandwidth Abuse etc. at servers' level in the UCC. Internet service provider also offers firewalls and other security solutions strengthening the UCC on the security front.

Website management - The Punjabi University Patiala is again pioneer to launch its own website www.pujabiuniversity.ac.in in the region.

- It is a rich collection of almost 800 pages and other images, videos and digital assets that are being hosted on a web server of the UCC and accessible via the Internet.
- It is in English & Punjabi language. The website incorporate all important facets and features related to the University. To name a few, these are faculty and teaching/ research department profiles, information about its regional campuses and neighbourhood campuses, results, admission forms, news and events, tender notices, details of the functionaries of the University and latest announcements of seminars/ conferences/ symposia being organized in the University.

- The website catalogue/ specify all important links to the various other sites propagated at the PUP for the promotion of Punjabi language. It also identifies the noble and pioneer schemes like Golden Heart scheme reaching the unreachable etc.
- Inasmuch, it provides round the clock access to the site, the UCC owns space of 25GB from M/s. HFCL, Mohali (10 GB web space is being provided on a goodwill gesture by the ISP).
- The website is being managed on Linux/ PHP/ MySQL platform. Primarily, OSS are used to create WebPages. Number of departments/ branches/ campuses have developed skill to update their respective pages themselves.

Nodal Computing Labs - The UCC is extending computing facilities to the students, research scholars and teachers of the various departments through its nodal computing labs available in the Department of Commerce, Department of Psychology and University Computer Centre.

Software Development and Resource facilitator -

- The system officers have been carrying out software development activities of the various administrative/ secretarial branches of the University on demand basis.
- It has been helping Coordinators of various Entrance Examinations by providing them essential computing infrastructure and support for the smooth conduct of examinations.
- The UCC has been managing the resources provided by it to the secretarial offices of key functionaries of the University as Vice-chancellor, Dean Academic Affairs, Registrar, Director (Planning & Monitoring) and Dean (College Development Council)

Coordination of Purchases related to Computers/ Peripherals and Annual Maintenance Contracts - The UCC determines the IT related purchases at all micro/ macro levels in the University. The PUP expects strong-minded recommendations related to IT infrastructure updates from the UCC.

- All purchases related to computers/ peripherals amounting more than Rs. 5.00 lacs and annual maintenance contracts are being purchased by the committee represented by the systems officers of the UCC.
- For all other purchases/ contracts the systems officers of the UCC provide technical support as a member in the purchase committee.

PGDCA Course

- An initiative of the UCC employees who are technical and classified by UGC as Academic non-vacation in running a Post-Graduate Diploma (a minor course that can also be considered additionally by on-campus students for augmentation of their major degree programme)

Other activities

- The system officers and other technical/ professionally qualified members of the UCC undertake various teaching assignments/ research students of different departments and Academic Staff College.
- Systems Officers are on the advisory committees of Examinations Branch, Accounts Branch, UCoE, Distance Education Department and Library for introducing ERP. Evaluation of the Generic modules, Gap Analysis and Customisation of the ERP Module are being carried out under the strict direction of the system officers of the UCC.
- Staff training programmes are being conducted on regular basis under the patronage of Staff Training Cell and Academic Staff College. Similarly, special drive to educate rural women and deaf and dumb students are being carried out under the leadership of Womens' Study Centre.
- Technical workshops on IT awareness are being conducted on a regular basis with the help of leading vendors from time to time.

ANTICIPATORY STRATEGIC DRIVES

- Shift towards complete managed campus wide network.
- Campus wide extending Internet connectivity to residential blocks.
- Re-incorporation of staff and other training programmes.
- Initiating Internal Mail Servicing Facility

Appendix-B

List of Infrastructural Facilities Available

Material Installed In Server Room of University Computer Centre

Serial	Description	Quantity
1	Modem 56.0 Kbps	1
2	Modem 56 Kbps External Dlink	1
3	UPS 0.525 VA Wipro e-merge	1
4	Web Camera (Logitech)	1
5	Dlink 24 Port Fast Ethernet Switch	1
6	DES 1024R 24 Port Unmanaged Switch	1
7	UPS APC 500VA with SMF Batteries	1
8	UPS APC 500VA with SMF Battery backup	2
9	Scanner Lide-20 (Cannon)	1
10	HP Laserjet 2550L	2
11	Super Stack 3 Switch 4950, 12 Port 10/100/1000 Base Line	1
12	1000 Base LX GBIC	3
13	3 COM Super Stack 3 Switch 4228 G+2 GBIC Slots	1
14	Base Line Switch 2226 (24 Port) 10/100 2 Dual Unma	2
15	Pentium IV 3 GHz (HP DX 6120) 530 processor, 3GHz with 1MB L2 Cache memory, 915G Motherboard 256 MB 400 MHz DDR2 RAM	2
16	VOLTAS Window AC 1.5 ton with stabilizer	1
17	3-Com 1000 Base SX GBIC Transreceiver	1
18	Server Xeon Dual Processor 3.2 GHz, Processor EM 64, 2x 512 MB DDR 2 RAM, 3x72 GB SCSI	2
19	7 KVA PGS Online	1
20	HP 2400 Scanner	1
21	HP Mid Range XW 4400 RJ 697 PA, Core 2 duo 2.13 GHz, 1GB RAM DDR 2 ECC, 160 GB HDD	1
22	HP MFP 3055 Laserjet	1
23	IBM Server X3400 (7975) Xeon 5050 3 GHz, 1 GB EDD DDR2 Memory	2
24	Sekonic SR2300 OMR Scanner	1
25	Plustek PS 286	1
26	24 Port L3 Switch 3 COM 5500G E1 SFP	1

27	42 U Rack(600 x 600) with CPD-10 MH-16	1
28	HCl Busybee Alpha 4990, PDCE2160 1.8 GHz, 1GB DDR2 RAM, 320 GB Hard disk,	1
29	24 Port L3 Switch 3 COM 5500G E1 SFP	1
30	1000 SX SFP (3COM)	10
31	Centralised Wi-Fi Controller (DWS 3024)	3
32	Single Mode Module	2
33	Dlink External Modem	1

Material Installed In Commerce Lab of University Computer Centre

Serial	Description	Quantity
1	HCL Busybee Pentium-IV, 1.7Ghz, DDR SD RAM 128MB, 40GB	1
2	16 Port un-managed hub 16xUTP	1
3	Pentium-III, 700 Mhz, 810 Chipset, 64 MB SD RAM, 20 GB HDD	1
4	IBM Pentium-III, 800Mhz (A-20), 64 MB RAM, 10/100Mbps etherbet card, 10 GB HDD ATA 66	1
5	HP-Scanjet 6350C with ADF	1
6	3 KVA On line UPS with SMF Batteries	1
7	HP Laserjet 1010	1
8	EPSON LQ 1150	1
9	IBM Server X22 Singal Xeon 2.8Ghz Dual CPU, 1GB DDR RAM, 320 GB HDD	1
10	Air Conditioner with Stabilizers	2
11	Rack 19" 6U with Glass Door and Lock	1
12	16 Port 10/100 Mbps Un-Managed Switch	2
13	HCl Busybee Alpha 4990, PDCE2160 1.8 GHz, 1GB DDR2 RAM, 320 GB Hard disk,	10

Material Installed In Psychology Lab of University Computer Centre

Serial	Describe	Quantity
1	CVT 5000VA (Elent Brand)	1
2	HCL Busybee Pentium-IV, 1.7Ghz, DDR SD RAM 128MB, 40GB	3
3	HP Laserjet 2550L	1
4	HP Dex 2280, P-IV, 2.8 GHz, 256 MB DDR2 RAM, Intel 945 G Integrated Graphics, 256 MB 400MHz DDR2 Ram, 160 GB Serial ATA HDD	12
5	Scanjet-2400 (HP)	1
6	Laserjet 1022 Printer(HP)	1
7	5 KVA Online UPS	1
8	24 Port Switch	1
9	Rack 19" 6U with Glass Door and Lock	1

Material Installed In Lab-3 of University Computer Centre

Serial	Description	Quantity
1	CVT 3000VA (Elent Brand)	1
2	Rack 19" 6U with Glass Door and Lock	1
3	16 Port Switch Surecom	2
4	Digita Voltage Stabilizer 4KVA (Universal make)	3
5	P-IV D-820 dual Core 2.8Ghz, 256MB 400Mhz DDR2 RAM	1
6	HP Laserjet LJ 1022 x	1
7	HP Dex 2280, P-IV, 2.8 GHz, 256 MB DDR2 RAM, Intel 945 G Integrated Graphics, 256 MB 400MHz DDR2 Ram, 160 GB Serial ATA HDD	4
8	HP Dx 7380, Core 2 Duo 1.8 GHz, 1 GB DDRII RAM,160 GB HDD.	1
9	HP Laserjet P 1505 N	2
10	HCL Busybee Alpha Z320- Core 2 Duo E 8400, 2 GB DDR II RAM, 320 GB HDD, 18.5" TFT	15
11	3 KVA Online UPS with SMF Batteries	2

Material Installed In Internet Access Lab of University Computer Centre

Serial	Description	Quantity
1	Automatic Voltage Stabilizer 4KVA	1
2	UPS 3 KVA (Pegasus)	1
3	Deskjet 840 C HP Printer	1
4	Web Camera (Creative)	1
5	HP-Scanjet 6350C with ADF	1
6	HP Laserjet 1010	2
7	Air Conditioners with Stabilizers (xen office)	3
8	16 Port Hub/Swithch (Surcome)	1
9	Rack 19" 6U with Glass Door and Lock	1
10	6 Port LIU Box	1

11	P-IV D-820 dual Core 2.8Ghz, 256MB 400Mhz DDR2 RAM	2
12	HCL Infiniti Series dual core 2.8 GHz, 512 DDR2 RAM, 160 SATA HDD	15
13	HP Dx 7380, Core 2 Duo 1.8 GHz, 1 GB DDRII RAM,160 GB HDD.	1
14	L2 Managed 24 Port Gigabit Switch 3 COM 2924 G SFP	1
15	1000 SX SFP (3COM)	2
16	LIU Wall Rack 12 Port	1

Appendix -C

Infrastructural Facilities Increased During 2009-10

Serial	Describe	Quantity
1	6 Core MM OFC	210 Meters
2	LIU Wall Rack 12 Port	2
3	9 U Wall Mount Rack	1
4	3 COM 2924	1
5	HP DX 2480, Core 2 Duo E4600 2.4 GHz, 2 GB DDR II RAM, 160 GB HDD 17" TFT	2
6	Canna Modem (For RF Link)	1
7	24 dbi Antenna (For RF Link)	1
8	Centralised Wi-Fi Controller (DWS 3024)	3
9	3 Com 2924 Base Line	7
10	Single Mode Module Fiber Module	4
11	Multi Mode Module Fiber Module	14

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