



**Session 2014-15**  
*Dedicated To Research*



**AMAR SHAHEED BABA AJIT SINGH JUJHARSINGH MEMORIAL  
COLLEGE BELA (ROPAR)**

**NAAC Accredited Post Graduate Institute under 2(f) & 12 (B) UGC Act 1956  
AFFILIATED TO PUNJABI UNIVERSITY PATIALA**



**NAAC ACCREDITED**

*Prospectus*  
2014-15

For Admission to Professional Under Graduate & Post Graduate Courses



Prize Distribution Function (Accolade) 2014  
S. Gurdev Singh Ghuman (IAS) DPI Colleges,  
Punjab Chief Guest 4th March 2014



Various Skill Oriented Programs  
Organized At College



Van Mahautsav Celebration



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# History



Giani Zail Singh addressing on the day of Inauguration 6 Feb. 1975

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial Post-Graduate College established in 1975 came into existence in the memory of Sahibzadas Ajit Singh and Jujhar Singh who laid their lives fighting at their tender age against the tyranny of Mughal Emperor Aurangzeb. The college was inaugurated by the Ex president Giani Zail Singh on 6<sup>th</sup> February 1975, since then M.S.K. Sr. Sec. School, ASBASJSM P.G. College and ASBASJSM.College of Pharmacy are serving in the field of education .The co educational institutes is a boon for the area.



*"All good work requires self-revelation."*

# Messages

*Research is when someone tries to find out information in a systematic and orderly manner.*

## OUR HON. PRESIDENT



The road to success is not to run upon seven league boots. Step by step little by little, bit-by-bit that is the way to wisdom and that is the way to glory.

Education plays a vital role in social transformation It has become very important to create opportunities for entering into thrust areas like biotechnology, computer, journalism to enhance human productivity. The management of Bela College has already started courses like Biotechnology, Computer, Information technology and Journalism. The management is well aware of need and importance of harmonious environment. We have ambitious plans for the future .I extend my heartiest good wishes to the students, faculty members and urge upon them the need to work with dedicated diligence.

**Sardarni Rajbans Kaur**  
President  
(Managing Committee)

## OUR HON. VICE PRESIDENT

The main hope of a nation lies in the proper education of its youth. Our aim is to provide value based quality education and mould the character of young generation through multidisciplinary approach. With changing scenario in the new era of technical education, our committee has long range of goals to train students in the area of their specialization so that they can face the challenges and serve the society in a better way.

All the best

**S. Sangat Singh Longia**  
Senior Vice President  
(Managing Committee)





## OUR HON. SECRETARY

Education is the ability to meet life situations. With resistance and diligence laced with knowledge and intellect, one can soar to any extent one desires. The thrust of education at ASBASJSM College is not only to produce mere degree holders but the bright young men and women equipped enough to foray into the world with an all round development of personality. Our vision of the institutions is to impart quality education in all core disciplines of knowledge by developing global leaders who are confident, smart, intelligent, gifted and engaged with life from technology to playground.

ASBASJSM PG College is not merely educational institution, it is a symbol of ethos, the principles we stand for and deep rooted cultural values. It is the manifestation of morals that are dear to us.

Every year the stupendous performance by our student is a testimony of the untiring efforts of faculty, students and management members. These achievements are constantly reminding us of onerous responsibility shouldered on us by the parents and students. This year our two students have got Gold medal in M.Sc. Biotechnology and B.Sc. Biotechnology and 7 students are in university merit. The year 2014-15 has been dedicated to **RESEARCH** so that we can focus on excellence. A step ahead we have started B.Voc. program are among 12 pioneering colleges of Punjab who have introduced vocational degree programme.

I would like to welcome all the students who have taken admission in Bela College and take this opportunity to thank you for showing your interest in our academic and professional programmes. Our institution is strongly committed and determined towards academic excellence and professional growth. On the behalf of management I assure to provide facilities for your career, professional and skill development education.

With Best wishes

S. Devinder Singh Jatana  
Secretary



## OUR HON. MANAGER



An institute is a place where the minds of students are molded so that they can become productive members of the society. Based upon these concepts, we have stepped into a humble beginning of new courses in Bela College Campus. Our college is one of the prestigious institutes in Punjab. Excellence in all spheres is the aim of institute. Hopefully you will be able to derive maximum benefits from this institute

Wishing all,

S. Harminder Singh Saini  
Manager



# Messages

## OUR HON. PRINCIPAL



ASBASJS Memorial College has been at the vanguard of academics since 1975. Our mission is to provide value based education to rural youth . With this objective in our mind we all work in harmony to take the college to zenith of its glory . So far our college has not only excelled in academics but has also proved its mettle in sports and cultural activities. Our students have far outshone them in academics results by bagging university merit positions in different streams. The significant guidance of hon'ble Secretary S. Devinder Singh Jatana has made this college achieve glorious heights after it was taken over by the university. New courses like M.Sc. Mathematics and M.Com have been introduced .Moreover B.Voc in Food processing and Retail Management and IT is a new venture of U.G.C. The day is not far when it would turn out to be a model constituent college in the academic sphere of Punjab.

I welcome all the students who aspire to shape their future in this seat of learning and wish them every success.

With best compliments

Prof. Surmukh Singh  
Principal

## PRIZE DISTRIBUTION FUNCTION (ACCOLADE) 2014

S. Gurdev Singh Ghuman (IAS) DPI Colleges, Punjab Chief Guest 4th March 2014





## College Profile

Amar Shaeed Baba Ajit Singh Jujhar Singh Memorial College Bela, Ropar came into existence in the memory of Sahibzada Ajit Singh and Jujhar Singh, the elder sons & the true disciples of Guru Gobind Singh, who laid their lives fighting the cause of religion, peace and independence at their tender age.

The college was inaugurated by the then chief-minister Mr. Giani Zail Singh on 6<sup>th</sup> February, 1975. The history of this college is very inimitable. The fort of S. Hardyal Singh Bela, the Sardar of Manauli, who belongs to the kin of Nawab Kapoor Singh, was rehabilitated first into school and then into college. S. Hardyal Singh ji was a very religious-minded person who had also constructed the gurudwara Katalgarh Sahib at Chamkaur Sahib in the memory of the Sahibzadas Baba Ajit Singh and Baba Jujhar Singh.

The coeducational institution has proven as a boon for this rural and remote area. The environment of this college is highly congenial from the educational point of view.

The college is affiliated to Punjabi University Patiala and is running successfully various courses like M.Sc. Biotechnology, M.Sc. (IT), M. Sc. (IT) Lateral Entry, PGDCA, PGDJM, B. Sc. (Biotechnology), B. Sc. (Computer Application), B. Sc. (Computer Maintenance), B. Sc. (Non Medical), B.C.A., B.B.A, B.A. and various other professional & Skill Oriented courses, like DCA & Dress Designing.

From this session we are going to start M.Com., M.Sc. Mathematics & B.Voc.



# College Profile



There are different items in the logo, which have a symbolic meaning:

A **chakkar** which is circular. It represents the eternal nature of God, there is only one God, never beginning and never ending. It is symbol of oneness of humanity.

Two single edged **swords** are crossed at the bottom, one being Temporal power and the other Spirituality.

In the centre burning **Mashaal** represents enlightenment. It means knowledge is power.

Equality, Liberty, Fraternity is inscribed on the symbol. By this the institute contributes to National Development by serving the cause of social justice, ensuring equity and increasing access to higher education.

### OBJECTIVES OF INSTITUTION

- To introduce flexibility in learning techniques and to provide an extended range of academic disciplines.
- To provide education at affordable cost.
- To promote social, ethical and moral values of life.
- To stress upon personality development and leadership qualities in students by providing students activities, services and experiences.
- To foster religious and cultural values and to impart co curricular, theatrical, literary and sportsmanship skills.
- Premier organisation

### The college has far sighted vision. i.e.

- To provide value based and career oriented quality education and training.
- To provide academic excellence
- To provide innovative research and development programs.
- To promote entrepreneurship in youth.
- To promote industry academic interactions.

## MISSION OF COLLEGE

The mission of A.S.B.A.S.J.S.M. College is to provide opportunities to the rural youth for educational, professional, social, and cultural development to the people of all abilities and backgrounds so that they can discover their potential and fulfill their aspirations. This college is playing vital role in society by providing opportunities for multidimensional development of personality by providing opportunities to participate in religious, sports, cultural, co curricular, academic, NCC, NSS activities. The college is committed to offer quality education to the people and to promote technological advancement and innovations in educational domains. The institution is responsive to extension of education and to promote creativity, morality and value originality.



## Infrastructure

### Infrastructure

- ▶ The college has a beautiful campus at a distance of 13 Km. from Ropar.
- ▶ The college has a spacious Seminar Hall.
- ▶ The college has a well-stocked library with books on different subjects, journals, magazines and a wide range of newspapers.
- ▶ Transport facility to the students from Chandigarh, Mohali, Ropar, Morinda, Chamkaur Sahib, Machhiwara, Khamano etc.
- ▶ Separate hostel for Boys and Girls in the campus.
- ▶ Medical care with qualified M.B.B.S. doctor.
- ▶ Sports facility.
- ▶ A very spacious canteen
- ▶ 24 Hours power supply system
- ▶ The college has a well-equipped computer lab with 2 MB dedicated lease line connection.
- ▶ Five biotechnology labs fulfilling all requirements
- ▶ Aseptic and culture room
- ▶ Excellent and spacious classroom with OHP&LCD projectors for teaching
- ▶ NCC, NSS
- ▶ Online Journals INFLIBNET
- ▶ Wi-Fi Campus.
- ▶ e-class rooms



"Quality begins on the inside... then works its way out."



*"The quality of a person's life is in direct proportion to their commitment to excellence, regardless of their chosen field of endeavor."*



*Sophisticated  
Instrumentation  
Labs.*



*Automated  
Library*



*Hi Tech  
7-Computer  
Labs.*



*Ultramodern  
Well Equipped  
Labs.*



*Hygienic  
Canteen  
& Mess.*



## College Faculty

### PRINCIPAL

Prof. Surmukh Singh

### COMMERCE DEPARTMENT

Prof. Amandeep Sharma  
Prof. Ishu Bala

### COMPUTER DEPARTMENT

Prof. Amrita Kaur Sandhu  
Prof. Rakesh Joshi  
Prof. Puneet Kaushal  
Prof. Pawan Badhan  
Prof. Navneet Kaur  
Prof. Taranjeet Kaur  
Prof. Mandeep Singh  
Prof. Rajvir Singh  
Prof. Kuljeet Kaur

### MANAGEMENT DEPARTMENT

Prof. Gurlal Singh  
Prof. Geetika Kapoor  
Prof. Shweta Sharma  
Prof. Neetu Mockoul

### PHYSICAL EDUCATION DEPARTMENT

Prof. Pritpal Singh

### PUNJABI DEPARTMENT

Prof. Kamaljit Kaur  
Prof. Harpreet Singh  
Prof. Jagroop Singh

### ENGLISH DEPARTMENT

Prof. Karamjit Kaur

### BIOTECH DEPARTMENT

Prof. Mamta Arora  
Prof. Gagandeep Kaur  
Prof. Manpreet Kaur  
Prof. Parminder Kaur  
Prof. Parmeet Kaur  
Prof. Ramandeep Kaur

### CHEMISTRY DEPARTMENT

Prof. Satwant Kaur Shahi  
Prof. Parminder Kaur

### PHYSICS DEPARTMENT

Dr. Baljit Singh  
Prof. Satinder Kaur

### MATHEMATICS DEPARTMENT

Prof. Paramjit Singh  
Prof. Rajni Garg

### RURAL DEVELOPMENT DEPARTMENT

Prof. Surmukh Singh

### POLITICAL DEPARTMENT

Prof. Rozy Rani

### HISTORY DEPARTMENT

Prof. Sunita Rani

### ECONOMICS DEPARTMENT

Prof. Kanchan

### JOURNALISM DEPARTMENT

Prof. Sandeep Singh

### LIBRARY DEPARTMENT

Smt. Kulwinder Kaur  
Smt. Harminder Kaur

### OFFICE STAFF

Sh. Ashok Kumar (R. Supdt.)  
Smt. Jasvir Kaur (Sen. Clerk)  
Sh. Gurdeep Singh (Clerk)  
Sh. Khalil Mohammad (Clerk)

### LAB STAFF

Sh. Amarjit Singh (ADPE)  
Sh. Charanjit Singh  
Sh. Sohan Singh  
Sh. Gurjit Singh  
Sh. Amandeep Singh

### TECHNICIAN

Mr. Mandeep Singh

### ASSTT. STAFF

Sh. Dhanna Singh  
Sh. Harjit Singh  
Sh. Gurmeet Singh (Watchman)  
Sh. Mangat Ram  
Smt. Palo Devi  
Sh. Gurdev Singh  
Sh. Baljeet Singh  
Sh. Rajwant Singh  
Sh. Ashish Bahadur  
Sh. Gurjinder Singh  
Sh. Sandeep Singh  
Sh. Butta Singh (Gate Keeper)  
Smt. Daljit Kaur



# Academic Calendar 2014-15

## Admission Schedule for Semester System

Regular Admissions 14/07/2014

Rs. 500/ Late Fee and Approval from Principal 15/07/2014  
to 07/08/2014

Rs. 1000/Late Fee and Approval From Dean College  
Development Council 08/08/2014 to 14/08/2014

Rs. 2000 Late Fee and Approval From Vice Chancellor  
19/08/2014 to 29/08/2014

## Calendar of Semester System

Study of First Semester 15/07/2014 to 15/11/2014

Exam of First Semester 26/11/2014

Study of Second Semester 07/01/2015 to 30/04/2015

Exam of Second Semester 13/05/2015

**Summer Break** 29/05/2014 to 28/06/2014

**Autumn Break** 26/09/2014 to 04/10/2014

**Winter Break** 24/12/2014 to 05/01/2015

## Admission Schedule for B.A. First Year Classes

### Regular Admission 14/07/2014

Rs. 500/ Late Fee and Approval from Principal 15/07/2014  
to 07/08/2014

Rs. 1000/Late Fee and Approval From Dean College  
Development Council 08/08/2014 to 16/08/2014

Rs. 1500 Late Fee and Approval From Vice Chancellor  
19/08/2014 to 30/08/2014

Rs. 2000 Late Fee and Approval From Academic Council  
02/09/2014 to 15/09/2014

## B.A. Part II and III

Regular Admission without Late Fee

Within 10 working days after Declaration of Result

1. New Session Start  
1 July 2014
2. Fresher's Party  
August 2014
3. Faculty Development Programme  
August 2014
4. Van Mahautsav Day  
September 2014
5. Teachers Day  
September 2014
6. NSS Day  
24 September 2014
7. National Blood Donation Day  
1 October 2014
8. Quiz Competition  
October 2014
9. Talent Hunt Competition  
October 2014
10. Zonal Youth Festival  
October 2014
11. Children Day  
November 2014
12. N.C.C. Day  
23 November 2014
13. Conference  
November 2014
14. Personality Development Programme  
November 2014
15. World AIDS Day  
1 December 2014
16. Shaheedi Jod Mela Sahibzada Ajit Singh  
Sahibzada Juhar Singh  
December 2014
17. World Human Rights Day  
10 December 2014
18. College Foundation Day  
6 February 2015
19. Annual Sports Day  
February 2015
20. National Science Day  
28 February, 2015
21. Workshop  
February 2015
22. Annual Prize Distribution Function  
February-March 2015
23. Shaheed Bhagat Singh Memorial Day  
March 2015
24. International Women Day  
8 March 2015
25. Farewell Party  
March 2015
26. World Health Day  
7 April 2015

*"Quality, quality, quality: never waver from it, even when you don't see how you can afford to keep it up. When you compromise, you become a commodity and then you die."*

# Seminars / Conferences



## STUDENT ACTIVITIES



Research is the the systematic investigation into and study of materials and sources  
in order to establish facts and reach new conclusions.

### Post Graduate Degree and Diploma Programs

M.Sc. (Biotechnology)

M.Sc. (Mathematics)

M.Com

M. Sc. (I.T.), M.Sc. (IT) Lateral Entry

Post Graduate Diploma in Computer Application (PGDCA)

Post Graduate Diploma in Journalism and Mass Communication (PGDJMC)

### Bachelor's Degree Programs (Skill-based Vocational Degree Programmes)

B.Voc. in Food Processing

B.Voc. in Retail Management & IT

B.Com. (Professional)

B.Sc. (Biotechnology)

B.C.A. (Bachelor of Computer Application)

B.B.A. (Bachelor of Business Administration)

B.Sc. (Computer Applications)

B.Sc. (Non-Medical)

B.A. (Bachelor of Arts)

*"Quality is never an accident. It is always the result of high intentions sincere efforts, intelligent direction and skilful execution, it represents the wise choice of many alternatives."*

**Willian A. Foster**







## Detail of Academic Programs

### M.Sc. (Biotechnology) -30 SEATS

Biotechnology is that branch of science which amalgamates biology and technology in order to derive productive results from biological organisms through technological applications. Biotechnology in India has grown by manifolds. India has proved itself as an ideal setting to manufacture and allow high-level research programmes in biotechnology. Several initiatives have been taken up by the Government of India. In the year 1986, the **Department of Biotechnology (DBT)** was set up under the **Ministry of Science and Technology**. This set up was a true boost to the developmental phase of biotechnology in India. Since then many Centres of Excellence were set up by the DBT in India to generate skilled manpower and to support the R&D sector of several private companies. Biotechnology can be used as an effective tool for food production, food storing, environmental conservation and preservation, development of important life saving drugs and vaccines etc and many more. It involves production of newer and viable products or developing older products into cheaper and more effective forms. With the value addition of biotechnology, today it engulfs many disciplines of science and technology. They include:

- Genetic engineering
- Immuno-technologies
- Tissue culture
- Enzyme engineering
- Gene Therapy
- Bioremediation
- Photosynthetic efficiency
- Biosensor
- Stem cell techniques

#### Eligibility

The course of M.Sc. Biotechnology is spread over two academic years and four semesters.

1. The admission to semester I in the course will be made as per Punjab University, Patiala Guidelines.
2. The Candidates who have passed the Bachelor's degree in Science with subjects in the faculty of Life Sciences/Biological/Medical/Engineering/Food Agriculture and the candidates who have passed the Bachelor's degree in the sciences with any three of the following subjects- Mathematics / Statistics, Physics, and Chemistry are also eligible for admission in semester-I.
3. The admission of the candidate will be subject to the eligibility conditions in force at the time of admission. The admission will be made purely on the merit basis.

#### PAPERS

Students are introduced to practical and theoretical aspects of major areas of Biotechnology in four semesters. There are four theory and two practical papers in first three semesters. Course offered to the students includes

##### First Semester:

Principles of Biochemistry;  
Molecular Genetics & Functional Genomics;  
General Microbiology;  
Immunology & Immunotechnology,

##### Second Semester:

Genetic Engineering;  
Molecular Biophysics & Modelling;  
Bioprocess & Biochemical Engineering;  
Fermentation Technology

##### Third Semester:

Enzymology & Enzyme Technology;  
Microbial & Food Technology;  
Environmental Biotechnology;  
Total Quality Management & Commercial Biotechnology

##### Fourth Semester:

Bioinformatics & Computational Biology;  
Tissue & Cell Culture Technology and research project. Besides this, students are sent to various Industries/in-plant training after the completion of the second semester.





# Detail of Academic Programs

## M.Sc. Mathematics-30 SEATS

### SCOPE:

M.Sc in Mathematics graduates can find lot of opportunities in Research and Development firms, Economic Research firms, Market Research firms and Manufacturing firms. They can look for the job profiles like Quantitative Risk Analyst, Statistician, Treasury Management Specialist and Demographer in these firms. Those who want to work in public sector can find ample opportunities in various government organizations. Reputed Software companies offer several career opportunities for these graduates in operation research, software design and programming. Banks and Insurance companies also offer lucrative opportunities for the candidates who have completed their postgraduate degree in Mathematics. They can also work in various colleges after qualifying SET or NET exam.

### ELIGIBILITY :

Admission shall be made on the basis of merit, subject to the fulfillment of the following conditions :

The Candidate must have passed B.A./B.Sc. (with Mathematics as a full subject) from Punjabi University, Patiala or any other recognized Indian University. Eligibility criteria will be same as given by Punjabi University, Patiala. The result of the candidate for qualifying class must be available at the time of interview/admission.

### CURRICULUM :

#### Semester - I

MM 401	Mathematical Analysis
MM 402	Topology - I
MM 403	Algebra - I
MM 404	Differential Geometry
MM 405	Fundamental of Computer Science and C-Programming
MM 406	Software Laboratory (C-Programming)

#### Semester - II

MM 501	Differential Equations
MM 502	Functional Analysis
MM 503	Topology - II
MM 504	Complex Analysis
MM 505	Algebra-II (Rings and Modules)

#### Semester - III

Electives (Any five of the followings)

MM 601	Differentiable Manifolds
MM 602	Field Theory
MM 603	Differential Equations-II
MM 604	Category Theory-I
MM 605	Numerical Analysis
MM 606	Complex Analysis-II
MM 607	Classical Mechanics
MM 608	Algebraic Topology
MM 609	Analytic Number Theory
MM 610	Optimization Techniques
MM 611	Fuzzy Sets

#### Semester - IV

Electives (Any five of the followings)

MM 701	Homology Theory
MM 702	Theory of Linear Operators
MM 703	Geometry of Differentiable Manifolds
MM 704	Category Theory-II
MM 705	Homological Algebra
MM 706	Mathematical Methods
MM 707	Fluid Mechanics
MM 708	Algebraic Coding Theory
MM 709	Commutative Algebra
MM 710	Operation Research
MM 711	Wavelets
MM 712	Non Linear Programming
MM 7713	Topics in Topology and Analysis





## Detail of Academic Programs

### M.Com. - 30 SEATS

The M.Com (Semester pattern) degree Programme of Department of Commerce at A. S. B. A. S. J. S. Memorial College, Bela shall be building on expansion of undergraduate studies on one hand and the other, focusing on modern practices and Strategies followed in Commerce System, resulting into a '**Commercial Professional**', who is able to operate in any role in commerce and business worldwide. This in turn contributes to the advancement of professionalism in trade, commerce and industry. The course strengthens the theoretical, analytical and applied knowledge base of commerce.

#### The specific objectives of the Programme are:

- To acquaint and equip students with the knowledge and understanding of emerging commercial, business practices and professions in India and abroad.
- To help students to acquire advanced knowledge in selecting subjects and areas in Commerce and trade.
- To facilitate the students to learn to seek application of knowledge and be able to challenge the knowledge so acquired in practice.
- To equip and train our post graduate students to accept the challenges of 21st Century
- To Study and analyze the new industrial and commercial culture
- To make aware the students for acquiring the knowledge of specialized subjects.
- To understand and measure current events, develop independent logical thinking, train towards personality development
- To equip the students for seeking suitable employment and entrepreneurship
- To impart knowledge and develop understanding of research methodology and its application
- To study methods of Data Collection and its interpretations to develop communication and analytical skills in generalization of things, concepts and symbols used in business.

#### ELIGIBILITY AND ADMISSION

A student who has passed Bachelor's degree from recognized University i.e. B.Com/BBA/BBM/BCA/BA in Commerce or Business Administration or Computer Application or Foreign trade or Economics with minimum 50% marks (45% in case of Reserved Category) shall be held eligible for admission to M.Com degree. The admission will be based on merit.

#### DURATION AND STRUCTURE OF PROGRAMME:

The M.Com (Semester pattern) degree Programme shall be of 2 years duration divided into two parts, Part I and Part II, and 4 semesters.

### Job Roles after M.Com :

#### GOVERNMENT SECTOR

- UPSC
- Railways
- Bank PO
- Indian Administrative services
- State PSC

#### PRIVATE SECTOR

- Accountant
- Book Keeper
- Cashier
- Financial Analyst
- Mutual Fund Broker
- Budget Analyst
- Internal Auditor
- Securities Analyst

### Outlines of papers:

#### M.COM Part I (semester-1<sup>st</sup>)

Paper Code	Title of Paper
MC-101	Business Management
MC-102	Corporate Financial Accounting
MC-103	Financial Management
MC-104	Business Economics
MC-105	Research Methodology & Statistical Techniques

#### M.COM Part I (semester-2<sup>nd</sup>)

MC-201	Accounting for Managerial Decisions
MC-202	Financial Institutions & Markets
MC-203	Business Environment
MC-204	Computer Applications in Business
MC-205	Seminar (based upon current issues relating to commerce)

#### M.COM Part II (semester-3<sup>rd</sup>)

MC-301	Management of Financial Services
MC-302	Corporate Legal Framework
MC-303	Strategic Cost Management
MC-304	Corporate Tax Planning
MC-305	Marketing Management

#### M.COM Part II (semester-4<sup>th</sup>)

MC-401	Human Resource Management
MC-402	Fundamentals of Investment
MC-403	International Finance
MC-404	Banking & Insurance
MC-405	Contemporary Auditing

## Detail of Academic Programs

### M.Sc. (I.T.) -30 SEATS, M.Sc. (I.T.) Lateral Entry-30 SEATS

Those seeking a college degree in Computer will find that such a degree opens the door to a variety of exciting career choices. As institutions, businesses, and organizations continue to integrate increasingly sophisticated computer technologies into their frameworks the need for individuals skilled in computer science continues to grow.

The job titles that fall under the heading of computer science vary from organization to organization; however, each position requires specialized training and experience with particular software and hardware programs. Individuals trained in computer science often specialize and work as systems analysts, database administrators, or computer scientists focusing on research and theoretical issues. Despite what focus an individual working in the field of computer science chooses, all computer science careers have opportunities to solve problems, create new technologies, conduct research, and create innovative ways to apply computer technologies.

#### DURATION OF COURSE

The course for the degree of M.Sc. (I.T.) shall be spread over two academic years. Each shall consist of two semesters. The medium of examination and instructions shall be English.

#### ELIGIBILITY FOR ADMISSION

Graduation with atleast 50% marks.

#### ELIGIBILITY FOR M.Sc. LATERAL ENTRY

Candidate who have passed PGDCA can get admission into M.Sc.(IT) 2nd Year

Admission will be made on merit basis.



## OUTLINE OF PAPERS

### M.Sc. (IT) Semester-I

Paper Code	Title of Paper
MS-111	Introduction to Information Technology
MS-112	Computer Programming using
MS-113	Computer Organization & Architecture
MS-114	Mathematical Foundation of Computer Science
MS-115	Operating Systems
MS-116	Programming Lab-I

### Semester-II

MS-121	Object Oriented programming Using C++
MS-122	Data & File Structures
MS-123	Visual Basic
MS-124	RDBMS & Oracle
MS-125	Programming Lab-II
MS-126	Programming Lab-III

### Semester-III

MS-211	Computer Graphics
MS-212	Java Programming
MS-213	Software Engineering
MS-214	Computer Networks
MS-215	Programming Lab-IV (Computer Graphics)
MS-216	Programming Lab-V (Java Programming)

### Semester-IV

MS-221	Web Technology
MS-222	Theory Of Computation
MS-223	LINUX Administration
MS-224	Artificial Intelligence
MS-225	Programming Lab-VI (LINUX Administration)



## Detail of Academic Programs

### Post Graduate Diploma in Computer Application (PGDCA) - 30 SEATS

#### Duration of the course:

The Post Graduate Diploma in Computer Application will be of one year consisting of Two Semesters.

#### Eligibility Conditions:

1. Candidate seeking admission to the postgraduate Diploma in Computer Application must have a bachelor's degree in any stream. The candidate must have passed Punjabi up to Matric level.
2. Admission will be made on merit basis

#### Outlines of papers

Paper Code	Title of the Paper
PGDCA-101	Fundamentals of Information Technology
PGDCA-102	Operating Systems
PGDCA-103	Programming Fundamentals through "C" Language
PGDCA-104	Computer Organization and Architecture
PGDCA-105	Software Lab – I Office Automation and Productivity Tools
PGDCA-106	Software Lab – II Programming Fundamentals through "C" Language

#### Semester-II

PGDCA-201	Data Structures
PGDCA-202	Object Oriented Programming with C++
PGDCA-203	Database Management System with MS ACCESS
PGDCA-204	Fundamentals of Computer Networks, Internet and Scripting Languages
PGDCA-205	Software Lab – III Data Structures and Programming with C++
PGDCA-206	Software Lab – IV MS ACCESS and Scripting Languages



*"Endurance is the crowning quality. And patience all the passion of great hearts. Do your best, and be a little better than you are."*



Tug of War Between  
PG College  
&  
Pharmacy College

International Women's Day



Founder's Day Celebration  
on 6 Feb, 2013.

Holi Celebration



Women's  
Day Celebration

Lohri  
Celebration







*The word research is derived from the Middle French "recherche", which means "to go about seeking".*

## Educational Visits



Humanities Students visited Chappar Chiri Museum



Management & Commerce Students visited Jallianwala Bagh, Amritsar



Bio Technology Students Interacting with Dr. Pathiana Senior Scientist at Agriculture University Palampur (H.P.)



Computer Science Students visited Kasuli (H.P.)



Non Medical Students visited Golden Temple, Amritsar



## Detail of Academic Programs

### Post Graduate Diploma in Journalism and Mass Communication (PGDJMC) -30 SEATS



**Mass Communication** is the study of mass media and it includes all types of media used to convey the information to the audience. For e.g. newspapers, magazines, cinema films, radio, television, etc. Media stands, as an attractive career prospect to the youth of today. It has emerged as a viable career option in the recent years, thanks to the boom in media and technology. Mass Communication programs work in a variety of fields in news media and publishing, public relations and research institutes. There are many areas in mass communication like print, films, web, radio, and so forth. There are also many areas of specialization like, production, direction, photography and many others

**Journalism** is the field concerned with producing news, reports and editorials through various forms of media including newspapers, magazines, radio and television, and the Internet. Journalism is highly satisfying and challenging career. Journalists be they **writers, editors or photographers**; broadcast presenters or producers serve as the chief purveyors of information and opinion in contemporary mass society. As for as journalism is concern, today Broadcast Journalism (TV and Radio), Web journalism, Print Journalism is there. Recently New Media design is coming up, where you might found out in various news channels like CNN, BBC.

#### Eligibility Conditions:

Candidate seeking admission to the postgraduate Diploma in Journalism and mass communication must have a bachelor's degree in any stream. The candidate must have passed Punjabi up to Matric level.

Admission will be made on merit basis

#### OUTLINE OF PAPERS

Paper Code	Title of Paper
Paper-I	Introduction To Mass Communication
Paper-II	Growth & Development Of Media
Paper-III	Reporting For Print Media
Paper-IV	Photography and Photo Journalism
	Project/ Practical Assignment/ Viva-Voce

### B.Sc. (Computer Application) (Semester System)

#### OUTLINES OF PAPERS

#### B.Sc. (C.A.)

##### B.Sc. (C.A.) First Year

Physics, Maths, Punjabi, Computer Application

##### B.Sc. (C.A.) Second Year

Physics, Maths, Punjabi, Computer Application, English

##### B.Sc. (C.A.) Third Year

Physics, Maths, Punjabi, Computer Application.





## Detail of Academic Programs

### B. Voc.

After completing Standard XII, students have the option of higher studies that go beyond the conventional arts, commerce and science courses. The **University Grants Commission (UGC)** has set the ball rolling for the introduction of a three-year bachelor of vocation (B. Voc) degree course at recognized colleges and universities across the country. With a focus on raising employability of graduates and meeting the industry's requirement for ready-to-work students, this course seeks to provide skill and specialization in different vocations. It will have a multiple-exit provision - a diploma at the end of the first year and an advanced diploma after two years.. It organizes qualifications based on levels of knowledge, skill and aptitude.. This would enable the graduates completing B. Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

ASBASJSM College is one of the pioneering colleges to start the B Voc programme from this session 2014-15 in two streams

### - FOOD PROCESSING - RETAIL MANAGEMENT AND IT

Advantages of B. Voc.

- Industry-specific skills to enhance employability
- Occupational skills to enable entrepreneurial initiatives
- Vertical mobility for students clearing 10+2 with vocational subjects
- Multiple exits like diploma and advanced diploma
- Curriculum focus on work-readiness skill
- Industry involvement in development of need-based curriculum

LEVEL	DURATION	EXIT AWARD
Year 3	Six Semesters	B. Voc. degree
Year 2	Four Semesters	Advanced Diploma
Year 1	Two Semesters	Diploma

**Job Prospects** After completing the degree of B Voc the students would have a hands-on experience of working in the industry and with that background they would be easily absorbed in the industry.

## B. Voc. FOOD PROCESSING-50 SEATS

### JOB PROSPECTS IN FOOD PROCESSING

Food processing is a branch of food science and is having methods, Procedures and techniques which are used to transform raw ingredients into food for the consumption of humans . Processing of food leads to

- Preservation of food
- Enhances flavour
- Reduces the toxins in the food

The modern food processing techniques have led to the feasibility of the development of the present day supermarkets. The rising consumerism in the societies of developed and developing countries has contributed to the growth of food processing industries with techniques such as spray drying, juice concentrates, freeze drying and the introduction of artificial sweeteners, colorants and preservatives. Products such as dried instant soups, reconstituted fruits and juices, and self-cooking meals have been developed for the convenience of middle class families and mothers and especially for the working women

At present in India, Food Processing Industry has been gaining momentum as the consumer's food industry. As per the report there are about 300 million upper and middle class consumers of processed and packaged food in the country, and another 200 million were likely to be added. 500 food parks are planned all over the country. This will further boost the growth and development of food processing industries and will generate huge employment opportunities for those who have an aptitude towards this work. The food is processed, preserved, packaged and stored according to the specifications by industry and government. The food processing industry is coming of age it is ranked fifth among industries of India.

The Food Corporation of India, which handles the purchase, storage, transport and distribution of food grains and other food items, provide employment to large number of people. Private enterprises market bread, fruit juices, edible oils and soft drink concentrates.

Food processing companies and food research laboratories, Food wholesalers, Hospitals, Catering establishments, Retailers, Restaurants provide job opportunities to. Other jobs in this industry include Bakeries, Meat, Poultry, Trimmers, and Fish Cutters, Slaughterhouses and Meat packers, Food batch makers, Food cooking machine operators and tenders, Food and tobacco roasting, baking and drying machine operators and tenders.

### Self-Employment Opportunities in Food Processing

Self-employment opportunities also exist in the form of dynamic delivery networks for those who want to work on their own. Food technologists, technicians, biotechnologists and engineers are required in this industry for manufacturing or production, preservation and packaging, processing and canning of various food products. All this needs preparation of raw materials for processing which involves selection, or cleaning of the raw material, followed by the actual processing, which could be chopping, blanching, crushing, mixing or even cooking of the food item, the addition of preservatives and the final packaging maintaining hygiene and maintaining quality of products.

Thanks to Dr. P.Uma Devi and Dr. S.Murugan

## B.Voc. RETAIL MANAGEMENT & IT-50 SEATS

### JOB PROSPECTS IN RETAIL MANAGEMENT & IT

In the Information, Communication & Entertainment (ICE) age shopping has become a hobby for the new generation. The whole concept of shopping has altered with time, in terms of format and consumer buying behaviour. Thanks to rapid urbanization and sprawling shopping malls, Multi formats of retail stores and huge complexes that have emerged at an ever increasing speed in every upcoming city, retailing has grown into one of the largest sectors in the global economy.

Retail Industry, one of the fastest changing and vibrant industries in the world, has contributed to the economic growth of many countries. The term 'retail' is derived from the French word retailer which means 'to cut a piece off' or 'to break bulk'. Retailing is a vital part of the business industry that involves selling products and services to consumers for their individual or family use. Retailing can also be defined as the timely delivery of goods demanded by consumers at an affordable and competitive price. It is a vertical and people-oriented business industry. Retail business in India boomed in the 80's and within a short span of time, Indian retail sector has been rated as the fifth most attractive, emerging retail market in the world. Indian retail sector which account for over 10 percent of the country's GDP (gross domestic product) and around eight percent of employment, is expected to grow at a compound rate of 30 per cent over the next five years.

Retailing process involves a direct interface with the customer and the coordination of business activities from the design stage of a product to its delivery and post-delivery service. Generally, retail business can be classified into several types depending on their size, shape, product lines, amount of service they offer and prices they charge etc. Some among them are specialty stores, supermarket/ malls, factory outlets, franchises, chain stores, discount stores, lifestyle & personal products, furnishing household appliances & groceries stores etc.

With the tremendous growth of economy, retail management has emerged as one of the fastest growing careers in India. The enormous expansion in the retail sector during the past few years has thrown up a big demand for skilled professionals in the field. It is an industry looking for people at all levels, from the school pass out with basic skills, to the well qualified supply chain and retail management professionals. One can take up a job depending on one's interest and aptitude, since retail industry is an array of activities starting from marketing to branding. This makes retail profession one of the most demanding careers of the era.

The working time and atmosphere all depends upon the company one works for. One could start his career as a management trainee, and with hard work and right attitude, could reach the manager posts of different departments. Advertising agencies, Airlines, insurance companies, banks etc are some other areas where one can find jobs, apart from retail shops. One can even start one's own business and be an entrepreneur.

#### Job prospects in Retail Sector are:

- **Customer Sales Associate:** It is the entry-level post of retail business. But as every retail shop is completely dependent upon the sales they get, this is one of the important posts in this profession. To be a good sales person, one should have good knowledge about the products, the shop, the customers etc.
- **Department Manager / Floor Manager/ Category Manager** - These are some of the posts one could handle in the store.
- **Store Manager:** Store managers sometimes called General Manager or Store Director, are responsible for managing an individual store and its day-to-day functioning. The store manager is in charge of the employees of the store and he himself may report to a District or Area manager or the store's

OWNER.

- **Retail Operation Manager:** It is the duty of a retail manager to plan and coordinate the operations of the outlet. This involves the layout of merchandise, monitoring the retail orders and stock, analysing the supply etc.
- **Retail Buyers and Merchandisers:** They are the persons who select and buy the goods for the retail shop. They should understand the needs of the customer, should be aware of the trends in the market, and should possess great enthusiasm and energy.
- **Visual Merchandisers:** These people give the brand a face, so they hold one of the very important positions in the industry. Being a part of concept and design one could also be a technical designer, product developer and store planner.
- **Manager Back-end Operations**
- **Logistics and Warehouse Managers**
- **Retail Communication Manager**
- **Manager Private label Brands**
- **Retail Marketing Executives:**

Trained and talented retail management professionals are always in great demand not only in India but abroad also. Big brands have opened retail chains throughout the cities & rural areas that offers huge job openings. A professional with excellent communication skills and a flair for convincing people can be recruited as store managers, customer care executives, merchandise officers, public relations executive and so on, in a multinational company.

Thanks to *Dr. Satya Prakash Pandey* for providing information.



Minds are like parachutes; they work best when open.



## Detail of Academic Programs

### B.Sc. Biotechnology - 40 SEATS (Semester System)

Biotechnology is an integration of several sciences, applied to living cells, it is an interdisciplinary science encompassing not only biology. There are number of job opportunities in biotechnology today. Job prospects are available in drug and pharmaceutical research, public funded laboratories, chemicals, environment control, waste management, energy, agriculture, food processing and bio-process industries. Most biotechnologists find employment on a large scale in research laboratories run by the government of India. There are jobs in research and development, clinical research, regulatory affairs, information system and administration. Biotechnology has its application in medical processes like making antibiotics or genetic engineering. Biotechnology also plays a role in agricultural processes. Organisms can be used in food industry, beauty supplies, mining industries, recycling of waste etc.

Training in biotechnology is an advantage for science teachers. Elementary school teachers through college professors are including units on biotechnology in their science curriculums for a very good reason. Biotechnology's impact on human health, the food industry, and the other areas discussed in this brochure means that everyone will have to make decisions about the use of biotechnology product. Biotechnology has provided law enforcement professionals with another way of placing a suspect at the scene of a crime. This area of study, called forensic biotechnology, uses a method called DNA fingerprinting. In India Biotechnology companies are setting up at a rate of 25-30% in the coming years. Biotechnology industry has become an over \$500 million industry. Therefore this field is growing at a very fast rate there is a big demand for biotechnologists.

#### Eligibility Conditions:

1. The admission to first year in the course will be made as per Punjabi University, Patiala Guidelines.
2. Students who have passed in the +2 examination from a statutory university/Board or any other examination equivalent there to in Science stream (Med. and Non-Med.) will be eligible for the admission.
3. The student who have not been detained/declared fail or who have not been placed in the UMC category in the eligibility class & whose work and conduct has been declared to be satisfactory.
4. Admission will be made on merit basis.

#### Outline of Papers:

##### B.Sc. Part-I

Cell Biology  
Microbiology  
Chemistry  
Punjabi

##### B.Sc. Part-II

Biochemistry and Biophysics  
Genetics and R-DNA Technology,  
Chemistry  
English

##### B.Sc. Part-III

Environment and Microbial Technology, Biochemical Engineering and Fermentation Technology  
Immunology and Tissue Culture Technology  
Chemistry



*"The only way to discover the limits of the possible is to go beyond them into the impossible"*

## Detail of Academic Programs

### Bachelor of Computer Application (BCA) -40 SEATS (Semester System)

#### Eligibility Conditions:

Candidate should have passed at least one academic year previously +2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto

Or

+2 examination such has been declared to reappear in not more than one subject 10 +2 examination. But such a candidate shall have to clear reappear subject in the supplementary examination of same year .For eligibility the provisions given in the university handbook of information of the year of admission or the provisions decided by the university for that year will be final.

Duration of Course: 3 years

#### BACHELOR OF COMPUTER APPLICATION (BCA-I)

Course code	Subject Name
BCA-111	General English – I
BCA-112	Punjabi (Compulsory) or Punjabi Compulsory (Mudra Gyan) **
BCA-113	Fundamentals of Information Technology
BCA-114	Basic Mathematics
BCA-115	Programming Fundamentals using C
BCA-116	Software Lab – I (based on paper BCA-115: C)

#### Semester-II

BCA-121	General English – II
BCA-122	Punjabi (Compulsory) or Punjabi Compulsory (Mudra Gyan) **
BCA-123	Digital Electronics
BCA-124	Data Structures
BCA-125	Mathematical Foundation of Computer Science
BCA-126	Software Lab – II (based on BCA-124: Data Structures)

#### Semester-III

BCA-211	English Communication Skills – I
BCA-212	Discrete Mathematics
BCA-213	Computer System Organizations and Architecture
BCA-214	Object Oriented Programming using C++
BCA-215	Fundamentals of Database Management System
BCA-216	Software Lab – V (based on paper BCA-214: Object Oriented Programming using C++)

Course code	Subject Name
BCA-217	Software Lab – VI (MS Access Lab based on BCA-215 Fundamentals of Database Management System)
BCA-218	Environment Studies (Qualifying Exam)

#### Semester-IV

BCA-221	English Communication Skills – II
BCA-222	Computer Networks
BCA-223	Management Information Systems
BCA-224	Computer Oriented Numerical and Statistical Methods
BCA-225	Relational Database Management Systems with Oracle
BCA-226	Software Lab – VII (based on paper BCA- 224: Computer Oriented Numerical and Statistical Methods)
BCA-227	Software Lab – VIII (Oracle Lab based on paper BCA-225: Database Management Systems with Oracle )

#### Semester-V

BCA-311	English Literary Skills – I
BCA-312	System Analysis and Design
BCA-313	System Software
BCA-314	Java Programming
BCA-315	Web Designing using HTML and DHTML
BCA-316	Software Lab – IX (based on paper BCA-314: Java Programming)
BCA-317	Software Lab – X (based on paper BCA-315: Web Designing using HTML and DHTML)

#### Semester-VI

BCA-321	English Literary Skills – I
BCA-322	E-Commerce
BCA-323	Operating Systems
BCA-324	Software Engineering
BCA-325	Web Designing using ASP.NET
BCA-326	Software Lab – XI (More on Java based on BCA-314: Java Programming)
BCA-327	Software Lab – XII (based on BCA-325: Web Designing using ASP.NET)





"Perfection is not attainable, but if we chase perfection we can catch excellence"

## Detail of Academic Programs

### Bachelor in Business Administration (BBA) - 50 SEATS (Semester System)

Indian economy is growing very fast. The present decade has been labeled as the era of business, business administration and business graduates. Bachelor in Business administration or BBA, as it is more famously known as, is one of the demanding courses in today's world. The candidates who have successfully completed their course in BBA have secured the most job prospects in either IT sector or Human Resources sector. It develops a student's intellectual ability, executive personality and managerial skills. BBA assists the student in understanding and developing the unique leadership qualities required for successfully managing business functions. After doing BBA you can work in any of the business organizations, manufacturing companies, export or trading houses, financial concerns, banks, NGOs, multinational corporations.

**Department of Business Administration** is committed to create new frontiers of knowledge. The state of the art teaching methodology keeps the students and staff shoulder to shoulder with dynamic and challenging world of business with a fine blend of traditional Indian ethics and value systems. The project based learning combined with lectures, case studies, role plays, industrial visits, business games help in learning activities that are long term, interdisciplinary, student centered and integrated with real world issues and practices. The students are encouraged to work with people of different backgrounds which help in refinement of skills and give the students an edge at the time of summer training and final Placements.

#### Summer Internship

After the culmination of the first four semesters, the students go for an industry internship with an organization for about 6 weeks. It is a compulsory component of the curriculum for the completion of the academic program and designed to provide exposure to organizational working, to develop an understanding of the real corporate world, and to learn the application of theoretical concepts in real life business situations. Since the summer project is a vital component in the promotion of the student into the third year, the students are put through a rigorous evaluation process. The evaluation report prepared by the organizational guide on conceptual and behavioral capabilities displayed by the student intern is considered an important input.

**Dress Code: For Mondays & Thursdays only.**

**Summer: (Boys)** White full sleeves shirt, Dark blue Trousers.

**(Girls)** White Quarter sleeves shirt, Dark blue Trousers.

**Winter: (Boys)** White full sleeves shirt, Dark blue Trousers, Dark blue blazer, Blue Tie, College Badge.

**(Girls)** White full sleeves shirt, Dark blue Trousers, Dark blue blazer, Blue Tie, College Badge.

**Duration of the Course:** 3 Years

**Eligibility Conditions:** The students who have passed in the 10+2 examination from P.S.E.B. or any other recognized board will be eligible for the admission and it will be made on merit.

**No. of Seats: 50** **OUTLINE OF PAPERS**

**BBA I Semester**

**Paper Code Title of Paper**

BBA-101 Communication Skills In Punjabi/ Punjab

History & Culture

BBA-102 Business Economics-I

BBA-103 Business Mathematics

BBA-104 Business Organization & Management Principles-I

BBA-105 Workshop on Computer Applications

BBA-106 Seminar

**BBA II Semester**

**Paper Code Title of Paper**

BBA-201 Communication Skills In English

BBA-202 Business Economics-II

BBA-203 Business Statistics

BBA-204 Business Organization & Management Principles-II

BBA-205 Workshop on Internet & E-Commerce

BBA-206 Seminar

BBA-207 Viva-Voce

**BBA III Semester**

**Paper Code Title of Paper**

BBA-301 Principles of Human Resource Management

BBA-302 Business Accounting

BBA-303 Principles of Marketing Management

BBA-304 Business Laws

BBA-305 Workshop on Contemporary Business issues

BBA-306 Seminar on Knowledge Management

**BBA IV Semester**

**Paper Code Title of Paper**

BBA-401 Financial Management

BBA-402 Workshop on Creativity & Innovation

BBA-403 Seminar on Entrepreneurship

BBA-404 Viva-voce

**Functional Areas**

**Marketing Management**

BBA-406 Advertisement & Sales Management

BBA-407 Marketing of Services

**Human Resource Management**

BBA-409 Training & Development

BBA-410 Management of Change

**Finance**

BBA-411 Cost & Management Accounting

BBA-412 Financial Instruments & Services

**BBA V Semester**

**Paper Code Title of Paper**

BBA-501 Business Research Methods

BBA-502 Workshop on Time & Workload Management

BBA-503 Seminar on Summer Internship

**Functional Areas**

**Marketing Management**

BBA-505 Rural Marketing

BBA-506 Brand & Product Management

**Human Resource Management**

BBA-507 Interpersonal Skills in Management

BBA-508 Management of Industrial Relations

**Finance**

BBA-510 Stock Market Operations

BBA-512 Investment Management

**BBA VI Semester**

**Paper Code Title of Paper**

BBA-601 Industrial Training Project

BBA-602 Project Report

BBA-603 Seminar on Project Report

BBA-604 Viva-voce





## B.Com Professional

### 60 SEATS (Semester System)

B.Com Professional is an integrated course comprising consist of two semesters. The course of study of B.Com Professional shall be divided into six semesters and university examination will be held at the three years. Each part will end of every semester.

#### Scope of B.Com. Professional

Commerce being the life blood of an organization has gain tremendous momentum in the recent years. It has also created multiple job opportunities in both the government as well as private sector. Where 18th century belonged to U.K., 19th and 20th century belonged to USA and, 21st century belongs to India and China. This has emerged a call for the managers of global scenario. In similar fashion, India will be requiring about 10 lakh management professionals in the next few years. Thus, it has floated a great opportunity for management the professionals in India.

There is good scope for aspirants who have completed their bachelor degree in Commerce, both in terms of higher education as well as for immediate jobs. Education in the concerned field is an excellent base for a variety of careers. On successful completion of B.Com (Prof), aspirants can apply for jobs relating business and finance. Professionals can apply for employment in finance sector like banking, company secretary ship, and chartered accountancy, Cost and works accountancy jobs. They can also apply for non-finance sector jobs in mass communication, law, hotel management, civil services, and so on.

#### ELIGIBILITY CRITERION

1. The examination in B.Com. Professional Part-I shall be open to a student who produces the following certificates to the Principal of the college.

(i) of having passing at least +2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto with at least :

(a) 40% marks in the aggregate in case of students who have passed 10+2 Commerce group.

OR

(b) 45% marks in the aggregate in case of student who have passed 10+2 in Humanities group with at least two out of Commerce/Accounts/Math/ Economics/Management papers.

OR

(c) 50% marks in the aggregate in case of students who have passed 10+2 but not covered under (a) and (b) above; provided that candidate placed under reappear in not more than one subject in 10+2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto shall also be eligible to this course but such candidates shall have to clear reappear subject in the supplementary examination of the same year failing which his admission to B.Com. Professional Part I course shall automatically stand cancelled.

OR

(d) Students who opt for any one of the following Vocational subjects, in B.Com. Professional Part I should have passed with atleast 50% marks, 10+2 examination from Punjab School Education Board or any other examination recognized as equivalent thereto:

- Office Management and Secretarial Practice.
- Principle and Practice of Insurance.
- Tax Procedure and Practice.

#### B.COM PROFESSIONAL FIRST YEAR

##### B.COM PROFESSIONAL FIRST SEMESTER

Course code	Subject Name
BCP 101	Communication Skills and Personality Development
BCP 102	Fundamentals of Financial Accounting
BCP 103	Computers for BusinessBusiness
BCP 104	Laws
BCP 105	Seminar
BCP 106	Workshop on Internet & E-Commerce

#### B.COM PROFESSIONAL SECOND SEMESTER

BCP 201	Functional Punjabi
BCP 202	Business Environment
BCP 203	Computerized Financial Accounting
BCP 204	Managerial Concepts and Business Ethics
BCP 205	SeminarViva-Voce

#### B.COM PROFESSIONAL THIRD SEMESTER

BCP 301	Company Accounts
BCP 302	Company Regulations
BCP 303	Indirect Taxes
BCP 304	Quantitative Techniques For Business-I
BCP 305	Workshop On Company Accounts
BCP 306	Viva Voice

#### B.COM PROFESSIONAL FORTH SEMESTER

BCP 401	Business Finance
BCP 402	Cost Accounting
BCP 403	Income Tax
BCP 404	Quantitative Techniques For Business-II
BCP 405	Workshop On Quantitative Techniques For Business
BCP 406	Workshop On Income Tax

There will be Summer Training with a Chartered Accountant for 4 to 6 weeks regarding bank dealings, vouching and verification of accounts, Income Tax Returns, Sales Tax/ VAT returns. The Viva of 3<sup>rd</sup> Semester will be based on S.T. Report





## STUDENTS PLAZA

### Social Activities

#### NCC



National Cadet Corps is a Tri-Services Organisation comprising the Army, Navy and Air Force, engaged in grooming the youth – 'The Leaders of Tomorrow' – into disciplined and patriotic citizens. The genesis of the NCC can be traced back to the First World War when the Britishers created the University Corps as the second line of defense and to have a large pool of trained youth available for employment into the Armed Forces.

After independence the present day NCC under the Ministry of Defence came into existence on 16 Apr 1948 through NCC act XXXI, 1948. NCC was formally inaugurated on 15 Jul 1948 as soon as the schools and colleges reopened after summer vacation. The Girls Division of the NCC was started in Jul 1949. In 1950 Air Wing was added on 01 Apr with one Air squadron each at Bombay and Kolkata. The Naval Wing of the NCC was raised in Jul 1952, thus completing the true representation of all services in the Corps. Presently, NCC has approximately 13 Lakhs Cadets under its fold. **NCC**

#### AIM OF NCC

1. To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country.
2. To Create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation

To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces

- One unit is presently running in Bela College of 55 cadets since 1988.
- Rajinder Kaur Best Shooters October 2013 during CATC at NCC Academy Ropar
- Jaspreet Kaur First in Drill October 2013 during CATC at NCC Academy Ropar.

#### NSS



National Service Scheme, under the Ministry of Youth Affairs & Sports Govt. of India, popularly known as NSS was launched in Gandhiji's Birth Centenary Year 1969, in 37 Universities involving 40,000 students with primary focus on the development of personality of students through community service. Today, NSS has more than 3.2 million student volunteers on its roll spread over 298 Universities and 42 (+2) Senior Secondary Councils and Directorate of Vocational Education all over the country. From its inception, more than 3.75 crores students from Universities, Colleges and Institutions of higher learning have benefited from the NSS activities, as student volunteers.

#### Activity Forum

- National Integration
- Camp Immunisation
- Adventure Programmes
- Blood Donation
- Votar Day
- Plantation
- Disaster Management



## ANNUAL SPORTS DAY

The ideology of the college finds its expression through a wide spectrum of activities where healthy physique and enriched soul is highly valued. Swami Vivekananda had advised his young followers that they need to build their biceps and muscles a little stronger for a better understanding.

The annual sports meet is such an event, which attempts to manifest the thoughts and principles of Swamiji regarding the upheaval of a healthy society. It involves excellence, efficiency and teamwork. It is held in the College Playground. A variety of events such as 100 mt. race, 200 mt. race, 800 mt. race, discus throw, high jump, long jump, shot-put, different types of relay races are fixed to persuade active participation. Some events are also organised for the participation of staff members and teachers. The main attraction of the sports meet are fun games like spoon race, sac race, musical chair etc. Students present several demonstrations on healthy socio-economic and moral life of the society. An event of tug of war between students and staff members declares the end of the annual sports. The sports meet is a healthy recreation for the students and staffs. Thus, annual sports cater to the excitement and enthusiasm of the participants as well as the viewers. This year it was celebrated on 13 February, 2014 with motto "Teamwork makes the Dream work"



Sukhdeep Kaur  
Yoga Twice Intersersity



Jaspreet Singh Garcha  
Gold Medalist in Kabaddi



Harman Singh  
Gold Medalist in Kabaddi



Tushal Chopra  
3rd Position  
Taekwondo Bronze Medalist



Amritpal Singh  
2nd Best Athlete



Rajinder Kaur  
Best Athlete



Harjit Singh  
National Kabaddi Player



Gurjit Singh  
Played All India Intersersity



Jaspreet Kaur  
N.C.C. Student



Amanjit Singh  
Hockey Player



Kaurarpal Singh  
Hockey Player



Vikramjit Singh  
Boxing Player

Sports Gems

"The best way to predict the future is to create it"



"Entrepreneurship is neither a science nor an art. It is a practice."

## THEATRE AND CULTURE

Theatre and Cultural Activities has always been an influential factor in society. These activities inculcate creativity which flourishes academics and improve means of self-expression. It is always good to have theatre items because when a student participates, they benefit significantly and their personality develops in multidisciplinary ways. Theatre is influential in all aspects of life. Participating in theatre classes can stimulate student's creativity and thought process. Developing a creative mind can lead to a more tolerant attitude because the creative process of theatre leads children to be more open-minded and acceptable because of the diverse roles they portray. In our institute, students participate annually in Youth Festival where training from experts is imparted to students in various domains of Cultural and Theatre items like Drama, Mimicry, Mime, Bhanga, Gidda, Fine Arts, Folk Song, Group Song, Geet, Shabad, Western items etc. Achievements of session 2012-13 are:



## Theater Gems



Manpreet Kaur  
1st Position in Poetry



Navjewan Singh  
1st Position in Skit



Krishan Kumar  
1st Position in Mime



Tarandeep Singh  
1st Position in Skit



Alinderjit Kaur  
1st Position in Mime



Taranjeet Kaur  
2nd Position in Skit



Gurpreet Singh  
1st Position in Skit



Jaspreet Kaur  
1st Position in Mime



Loveleen Kaur  
2nd Position in Skit



Gurpreet Kaur  
1st Position in Skit



Tejwant Kaur  
1st Position in Mime



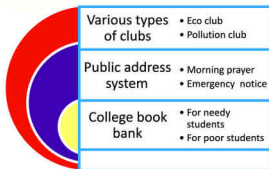
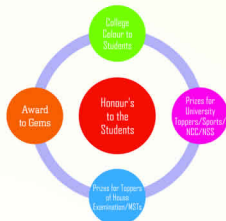
Anshpreet Kaur  
2nd Position in Skit

## Creative And Innovative Writing

Wall Magazine

College Magazine

News Bulletin



### OUR MISSION

To create and disseminate knowledge for the betterment of mankind in general and rural masses in particular.  
To establish centres of excellence in collaboration with industries, research laboratories and other agencies to meet the changing needs of society.  
To impart high quality training to students so as to provide human resource appropriate to the local and national needs.

### OUR VISION

To foster prosperity through technology by means of education, innovation and collaborative research and emerge as a world-class technical institution. Training and Placement Cell in the our College plays a vital role. The competition for employment is increasing every day and the job of placement is becoming a challenging one. Our Training and Placement Cell is performing activities like arranging summer training for students, inviting various organization for campus recruitment and provide training to suit various needs of industry.

The Training & placement Cell is committed to provide all possible assistance to its graduates in their efforts to find employment. It plays a very important and key role in counselling and guiding the students of the college for their successful career Placement which is a crucial interface between the stages of completion of academic program of the students and their entry into the suitable employment. This cell also coordinates various activities related to the career of the students along with the industrial training. In addition to providing guidance, it also organizes programs mock interviews, group discussions, case studies, etc. It also organizes the program like personality development, interpersonal & communication skills, career planning and career mapping and program on technology and management. Every efforts is undertaken to create opportunities for our students to get placements. We hope to reach maximum placements level in the years to come.

### SUMMER TRAINING

Students have to undertake summer training in companies of repute for a duration of 6 months, 2 months or 1 month as part of course curriculum. Students are required to work on a project given to them either by the sponsoring organisation or selected by students themselves. The project report/thesis is an intensive learning exercise for students to apply particular theoretical concepts into practical situations as experienced in the industrial establishments. Keeping in mind the existing and expected job opportunities, we plan to provide placement services to our participants. For effective placements, we establish close ties with the companies, which are in the process of providing jobs to our students.

### PRE-PLACEMENT TALK (PPT)

PPT provides an opportunity to the recruiting company and the students to interact with each other. The presentation by the company regarding the history, growth potential, future opportunities, and jobs available (content, compensation package, location, etc.) PPT also provides a company with opportunity to recruit the first year students for summer training assignments.

### ADD ON COURSES

- 1) Spoken English
- 2) Information Technology

### SKILL ORIENTED COURSES

- 1) Cutting, Tailoring & Dress Making
- 2) Certificate in Embroidery
- 3) Certificate in Web Designing
- 4) Certificate in Computer Application



### INTERNAL QUALITY ASSURANCE CELL (IQAC)

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up gradation of institutions of higher education, our institution has established an Internal Quality Assurance Cell (IQAC) under the supervision of Prof. Mamta Arora as Co ordinator as a post-accreditation quality sustenance measure. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. The IQAC will channelize the efforts and measures of the towards academic excellence.

### STRATEGIES

IQAC is evolving mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
  - The relevance and quality of academic and research programmes
  - Equitable access to and affordability of academic programmes for various sections of society
  - Optimization and integration of modern methods of teaching and learning
  - The credibility of evaluation procedures
  - Ensuring the adequacy, maintenance and functioning of the support structure and services
  - Research sharing and networking with other institutions in India and abroad.
- Some of the functions of the IQAC are:
- Development and application of quality benchmarks/parameters for various academic and administrative activities of an institution
  - Dissemination of information on various quality parameters of higher education
  - Organization of workshops, seminars on quality related themes and promotion of quality circles
  - Documentation of the various programmes / activities leading to quality improvement
  - Acting as a nodal agency of the institution for quality-related activities
  - Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.







*Small opportunities are often the beginning of great enterprises.*

## Fee Structure for Various Courses

Class	Annual Fee	Sanctioned Seats
M.Sc Biotech	50000/-	30
M.Sc Math	35000/-	30
M.Com	30000/-	30
M.Sc(IT)	26000/-	30
M.Sc(IT)LE	26000/-	30
PGDCA	19000/-	30
PGDJMC	19000/-	30
B.Com Professional	29500/-	60
B.Sc Biotech	28500/-	40
BCA	26000/-	40
BBA	26000/-	50
B.Voc	15000/-	50
B.Sc. (CA)	16900/-	Open
B.Sc. (NM)	16900/-	Open
BA	11500/-	Open



*"Our duty is to encourage everyone in his struggle to live up his own highest ideal and strive at the same."*

Fee can be paid maximum in three installments, 50% at the time of admission and other two installments shall be of 25% each.





## Facilities

### HOSTEL

The college has separate Boys and Girls hostel. The hostels are within the college campus.

### HOSTEL CHARGES:

Annual charges are Rs.1500/- per month.

Mess fee is Rs. 2000/- per month.

### RULES FOR HOSTEL RESIDENTS:

1. No student will leave the hostel without prior permission of the warden.
2. No female is permitted to visit the Boys hostel & vice versa.
3. No outsider will be permitted to stay in hostel without permission of warden.
4. Every student residing in the hostel will be required to maintain discipline in the hostel.
5. Every student has to clear his/her dues before final examinations.

### BANK FACILITY:

Students can utilize facilities of State Bank of Patiala & UCO Bank that is situated in the vicinity of the college.

### TRANSPORT FACILITY

Transport facility to the students from Chandigarh, Mohali, Ropar, Morinda, Chamkaur Sahib, Machhiwara, Khamano etc.

### UNIFORM

Uniform is for Biotechnology, Computer Science, Commerce & Management Department

## Instructions for Admission

Admission will be made as per instructions of Punjabi University, Patiala. Each candidate shall fill up the admission form neatly in his/her own handwriting for admission to different programme of this college and shall submit the form to the principal.

1. He/She should attach the following documents with the admission form:
  - a) Four copies of latest coloured Passport size photographs.
  - b) Following original certificates with one set of attested photocopies:
    - i. Residence Certificate
    - ii. Matriculation Certificate containing date of birth
    - iii. Details Marks Card of the qualifying examination
    - iv. Character Certificate from the Principal of the Institute/College last attended
    - v. Migration Certificate from previous university
    - vi. Reserved category/Sub category certificate from the competent authority, if applicable
3. An affidavit duly attested by Notary public pledging the payment of balance Fee & Funds for the remaining entire period of the course before discontinuing studies in between or before migration.
4. College considers ragging a cognizable offence & will not hesitate to take stern action against the offenders as per the direction of UGC.
6. Many scholarships for meritorious and deserving students are available in all teaching departments.

## MANDATORY

1. A student creating indiscipline will be reprimanded.
2. It is mandatory to get 25% marks in MSTs (Mid semester terms) and 75% attendance.
3. As per rules of Pb. Govt. Students can not make unions.
4. Students can not collect money without prior permission of principal.



*If I cannot do great things, I can do small things in a great way*

## List of Scholarships

The government provides scholarships for SC, BC and Sikh Minority students. Besides these our M.C. Representatives/management provides the following scholarships :

1. S. Gurbachan Singh Memorial Scholarships for poor students - 1
2. S. Bakhtawar Singh Memorial Scholarships - 2
4. Late S. Chatar Singh Memorial Scholarships - 3
5. Late S. Inderjeet Singh Memorial Scholarships - 2
6. Bibi Amar Kaur Memorial Scholarship - 1
7. Shri Jaswant Rai Thekedar Memorial Scholarship for poor students - 1
8. S. Jaimal Singh Bhairo Majra Memorial Scholarship for Gursikh students - 1
9. Late S. Gurdeep Singh Goggi Memorial Scholarship (By Friends) - 1
10. Smt. Dalbir Kaur W/o. S. Parduman Singh Memorial Scholarship - 1 (From Shenaz Singh)
11. S. Gurdial Singh Memorial Scholarship - 1
12. S. Maan Singh Kang Memorial Scholarship - 1
13. Smt. Darshna Papneja Memorial Scholarship - 1
14. Reet & Tanu Scholarship for Needy Students- 1
15. Smt. Pritam Kaur W/o. S. Maan Singh Retd. Niab Tehsildar Shekhopur Memorial Scholarship - 1
16. S. Maan Singh Retd. Niab Tehsildar Shekhopur Memorial Scholarship - 1

4 Days Lok Rang Utsav





## Student Plaza





"Research includes gathering of data, information and facts for the advancement of knowledge."

# Our Shining Stars

## Academic Gems PG Classes



Raminder Kaur  
M.Sc. (B.T.) 83%



Manpreet Kaur  
M.Sc.-I (BT) 81.68%



Amandeep Kaur  
M.Sc.-I (BT) 81.68%



Harjit Kaur  
M.Sc. (IT)-II 80.16%



Inderpreet Kaur  
M.Sc. (IT)-II 79%



Ravinder Kaur  
M.Sc. (IT)-II 78.3%



Gurjinder Kaur  
M.Sc. (B.T.) 78%



Kulwinder Kaur  
PGDCA 2013 77.8%



Beant Kaur  
M.Sc.-I (BT) 76%



Manveer Kaur  
M.Sc.-II (BT) 74%



Devinder Singh  
M.Sc. (IT)-I 73.3%



Preeti Rani  
P.G.D.J. & M.C. 67%

## Academic Gems UG Classes



Parminder Kaur  
B.Sc. (N.M.) 86%



Manjeet Kaur  
B.Sc. (N.M.) 85.07%



Gurpreet Kaur  
B.Sc. (N.M.) 84.8%



Kulvir Kaur  
B.Sc. (N.M.) 82.4%



Kamaljeet Kaur  
B.Sc. (N.M.) 80%



Kirandeep Kaur  
B.Sc. (N.M.) 73.65%



Manpreet Kaur  
B.Sc. (N.M.) 73.25%



Sanjivani  
B.Sc. (C.A.) 72%



Harpreet Kaur  
B.Sc. (BT) 71%



Gurpreet Kaur  
B.A. 3rd 68%



Mandeep Kaur  
B.A. 68.1%



Jaspreet Kaur  
B.A. 2nd 66.08%



# Our Shining Stars



Mehak  
B.B.A.-II, 87%



Swati Saini  
B.B.A.-II 86%



Harpreet Kaur  
B.B.A.-III, 83%



Harinder Kaur  
B.B.A.-II, 82%



Rahul Jaggi  
B.B.A.-II, 82%



Ramanpreet Kaur  
B.B.A.-II, 81%



Anmol Kapoor  
B.B.A.-II, 80%



Amandeep Kaur  
B.B.A.-II, 80%



Ruchika  
B.Sc. (CA) 78%



Sandeep Kaur  
B.Sc. (CA) 76%



Mohini Verma  
B.Sc. Biotechnology 70%



Ruhi Grover  
B.Sc. Biotechnology 68%



Harsimranjit Kaur  
PGDCA 80%



Ramandeep Kaur  
B.Sc. (C.A.) 73%



Kamlesh Kaur  
BCA-I 72.5%



Prabjot Kaur  
B.Sc. (C.A.) 70%



Avtar Singh  
BA-II, 70%



Amanpreet Kaur  
B.Sc. (BT) 70%



Kajal Khurana  
BCA -III 69%



Sunita  
BCA-I 68.83%



Nidhi Dhiman  
B.Sc. (BT) 68%



Amit Singh  
B.Sc. Biotech 67%



Harwinder Singh  
BCA-II 61%



Bhaskar  
BCA-I 60%



## University Rank Holder Students



**Parminder Kaur**  
Gold Medalist  
M.Sc. Biotechnology



**Nancy Goyal**  
Gold Medalist  
B.Sc. Biotechnology



**Manpreet Kaur**  
1st Position in Poetry  
Inter Zonal  
Youth Festival



**Manpreet Kaur**  
2nd Rank, University  
B.Sc. Biotechnology



**Sukhwinder Singh**  
2nd Position  
In Mimicry  
Zonal Youth Festival



**Amandeep Kaur**  
3rd Rank, University  
B.Sc. Biotechnology



**Harinder Kaur**  
4th Rank in  
University (BBA)



**Mohini Verma**  
5rd Rank, University  
B.Sc. Biotechnology



**Kamaldeep Kaur**  
6th Rank in  
University (BBA)

*Amar Shakeed Baba Ajit Singh Dujhar Singh*

**MEMORIAL COLLEGE BELA (Ropar)**

NAAC Accredited Post Graduate Institute under 2(f) & 12 (B) UGC Act 1956

**AFFILIATED TO PUNJABI UNIVERSITY PATIALA**

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