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## College History & Profile

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College founded in 1975 to commemorate the supreme martyrdom of Sahibzada Ajit Singh and Sahibzada Jujhar Singh elder sons of the tenth master, Guru Gobind Singh who was not only a great warrior but also a poet and philosopher. The college came into existence to pay tribute to Sahibzadas with honorifics as 'Amar Shaheed Baba' who sacrificed their lives in the battle of Chamkaur Sahib in 1704 for the cause of humanity, independence, righteousness and justice. Sahibzada attained Shaheedi against tyranny and falsehood at their tender teen age.

The foundation stone of the college was laid down by Giani Zail Singh Ji Former President of India, then Chief Minister of Punjab on 6 Feb 1975, with farsighted vision of providing quality education by MLA S. Gurbachan Singh. The history of the college is very inimitable. This historic education institute is situated in village Bela which was founded by S. Hardial Singh of Singhpuria Misal, Chief of Manauli State. His descendent S. Umrao Singh donated the fort for Educational Purpose. This college is one of the oldest college in this area. Many leading personalities supported the idea of establishing an educational institute of higher education in this rural backward area.

Several of the college's founder members played key roles in establishing the college. Among them were Late S. Gurbachan Singh MLA (Founder President), Captain Gurbachan Singh, S. Ajit Singh (Calcutta wale), S. Didar Singh, Pandit Kharaiti Lal, S. Harbans Singh, S. Lachhman Singh, S. Bakhtawar Singh and many more personalities with great determination, commitment and dedication set an ambition to promote higher education in this area. Starting an a humble scale, the college is now a Group of Institutes. We salute to those founder members who collected funds for the construction of the college having 5 rooms at the birth.

The college graduated its first class in 1978 year which consisted of only 20 students. Bela Village is in Chamkaur Sahib Tehsil in Rupnagar District of Punjab State of India. It is located 15 Km towards West from District head quarters Rupnagar. 45 Km from State capital Chandigarh Bela Pin code is 140111 and postal head office is Bela (Rupnagar). Bela is surrounded by Majri Tehsil towards South, Rupnagar Tehsil towards East, Morinda Tehsil towards South. Rupnagar, Kurali, Kharar are the nearby Cities to Bela. This Place is in the border of the Rupnagar District and Fatehgarh Sahib. Time zone is: IST (UTC+5:30) Elevation / Altitude: 277 meters above sea level.

This College is permanently affiliated to Punjabi University Patiala. It was covered under 95% Grant-in-aid scheme of Punjab in 1978 and 2(f) & 12(B) of UGC in 1981. The college has sustained the egalitarian tradition of educating men and women from diverse background.

The college has a glorious history of 44 years of commitment for the betterment of society. The college embarked on an ambitious plan to enhance the facilities and institution. Therefore in 1993 "College of Pharmacy" was started. All the courses conducted in pharmacy college are recognized by Government of Punjab, Pharmacy Council of India, New Delhi and All India Council for Technical Education, New Delhi. B. Pharm., M. Pharm. and Ph. D. courses are affiliated to Punjab Technical University. Management committee is running Maharani Satinder Kaur Sr. Sec. School which is providing education from Nursery to 10+2.

The College was accredited by NACC in 2012. In same year ultramodern seminar hall was constructed for organizing various conferences and Seminars. In 2014 Bibi Sharan Kaur Sports Complex Cum Auditorium was constructed with the aid of UGC. Vocational programmes to provide skill education was started in 2014 from UGC, New Delhi.

In 2016 S. Umrao Singh Management Block has been constructed. In addition to it commerce block & PG block has also been constructed new Labs for food procession are under construction. This educational institute is boon to this rural backward area.



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



Demolishing of fort has been shown in this photograph for the construction of Institute.

## ACADEMIC GROWTH CHART OF THE INSTITUTION

Year of Starting	Number of Courses
1975	Bachelor of Arts (National service scheme (NSS)
1987	B.A.+ 10+2 SCIENCE
1988	NCC
1993	Establishment of ASBASJSM College of Pharmacy
2000	B.Pharmacy
2006	M.Pharmacy
2008	B.Sc. (Bio Technology), B.Sc. (Computer Application.)  Post Graduate Diploma in Computer Applications
2009	Bachelor of Computer Applications(BCA), Post Graduate Diploma in Journalism & Mass Communication (PGDCA), Master of Science . (Information Technology) (M.Sc. IT)
2010	Bachelor of Business Administration (BBA)

2011	M.Sc. (BioTechnology), M.Sc. IT (Lateral Entry)
2012	Certificate Courses started
2013	Bachelor of Commerce
2014	M.Com, M.Sc. Maths, NIOS ,B.Voc.
2016	M.Sc. pharmaceutical chemistry, B.Sc. (MLT)
2017	DMLT
2018	B.Sc. (Hons.) BioTechnology
2019	Community College (Medical Laboratory Technology) B.Voc. (Renewable Energy Technology) B.Voc. (Journalism & Multimedia Technology) B.Voc. (Sales Management & Industrial Relations)



## S. Sangat Singh Longia

**President** 

(Managing Committee)

## <u>Message</u>

ASBASISM College started as an Arts college in 1975 with 5 rooms and initially focus was on traditional subjects in Arts stream. Today College offers many new courses and subjects. We have introduced new time oriented courses like Pharmacy. Biotechnology. Computer Science, Journalism. Mass Communication etc. College is famous for achieving Honours and Accolades in the University examinations. Since last four years university toppers of Biotechnology are from our college. Our progressive Management is looking forward towards achieving the title of College with Potential for Excellence. Steps are taken in this direction and fruits of these efforts will be received by our students in the near future. The call of the time is to progress, not merely to move ahead but be like moon in the stars. At Bela College we want to give our students International Exposure. We have signed MoU with different Industries. Progress of an Institute depends mainly on performance of the students in academics, sports and cultural activities along with maintaining high values and ethics.

I am Proud to say that our students are doing excellent in academics, sports and cultural activities with high values and ethics. The management is highly supportive for the overall development of the students and faculty. The management takes keen interest and stands behind any such Endeavour. Taking into account our academic achievements, infrastructure, co-curricular, extra-curricular activities and other all-round development. NAAC, an autonomous body of UGC, accredited us . We shall do the services with same dedication in future also.

My good wishes to all.



## S. Jagwinder Singh Secretary

(Managing Committee)

## Message

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 ASBASISM 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 institution 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.

ASBASISM 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 students is a testimony of the untiring efforts of faculty, students and management members. These achievements are untiring efforts of faculty, students and management members. These achievements are constantly reminding us of responsibilities shouldered on us by the parents and students. Our college has already done excellent job when we were sanctioned two B.Voc. Degrees Our college has already done excellent job when we were sanctioned two B.Voc. Degrees by UGC in Food Processing & Retail Management & Community College. This is revolutionary achievement of institution. We are strengthening industry academic partnership.

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 you to provide facilities for your career professional and skill development education.



## S. Sukhvinder Singh Whisky

Manager

(Managing Committee)

## <u>Message</u>

"Education is the most powerful weapon by which world can be changed " Our College is recognized as a leading college not only in teaching and learning. but also in overall development of personality through co curricular activities. Our best endeavour is to create a safe social environment that helps our students to learn and succeed. Emphasis is on developing students in all spheres. We shall provide more personal support and greater access to opportunities in each student's chosen fields of interest. Visitors compliment us on the warm and orderly college atmosphere and our strong sense of community. We encourage all our students to develop high expectations about themselves, their work and their behavior, which is an expression of our values of Equity. Efficiency. Excellence along with Integrity. Respect and Responsibility. As one of a few accredited colleges to provide vocational programme. College offers support for advanced learners by starting UGC/NETCoaching from previous session. In a world that rewards perseverance, elasticity, initiative, problem-solving and collaboration, our students are well prepared for society and future. I am proud of the significant accomplishments of our students and results. Our College has achieved a better choice in education.

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 session in Bela College. Our college is one of the prestigious institutes in Punjab and India. Excellence in all spheres is the aim of institute. Hopefully you will be able to derive maximum benefits from this institute.

Wishing all



## <u>Message</u>

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 multi-disciplinary 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.

ASBASIS 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 management has made this college achieve glorious heights. The day is not far when it would turn out to be a model 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

## COLLEGE MANAGEMENT COMMITTEE

	Sardarni Rajbans Kaur	Chief Patron
1	S. Sangat Singh Longia (Deputy Director Retd.)	President
2	S. Harminder Singh Saini (President School Committee)	Sr. Vice- President
3	Dr. Bhag Singh Bola	Vice- President
4	S. Jagwinder Singh	Secretary
5	S. Sukhwinder Singh Whisky	Manager
6	S. Harinder Singh	Joint Secretary
7	Capt. M.P. Singh (Chairman Pharmacy College)	Member
8	S. Devinder Singh Jattana	Member
9	S. Gian Singh Bela	Member
10	S. Sewa Singh	Member
11	Adv. R.N. Moudgill	Member
12	Dr. Kirpal Singh	Member
13	S. Gurmail Singh	Member
14	S. Preet Mohinder Singh	Member
15	S. Gurinder Singh	Member
16	S. Gurbir Singh	Member
17	Sarpanch Gram Panchayat, Bela	Special Invitee
18	Principal P.G. College	Ex-officio member
19	University & Staff Representatives	







Sh. Chander Mukhi Sharma Secretary General Basketball Association India & Olympion Dharamvir Singh honoured at at college.









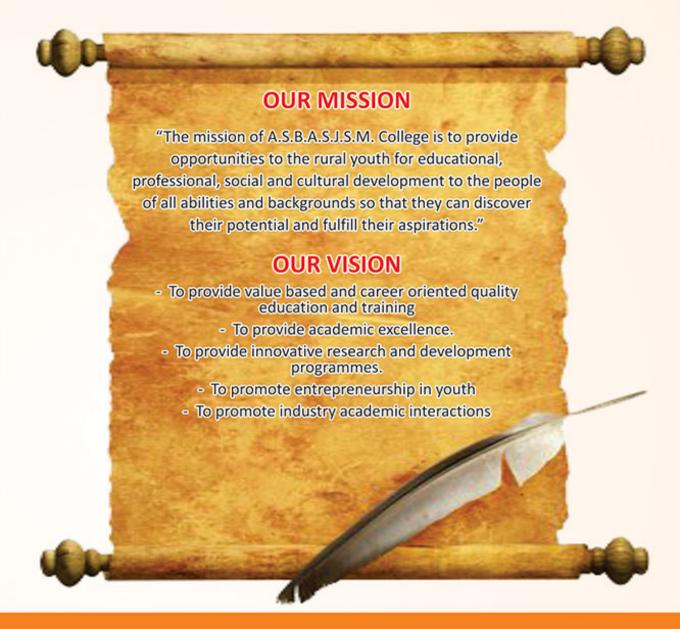
#### College Logo have symbolic meaning:

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 enlightment. 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 student activities, services and experiences.
- To foster religious and culture values and to impart co curricular, theatrical, literary and sportsmanship skills.

## **Our Motto is : EQUITY, EFFICIENCY, EXCELLENCE**

## Why should I choose Bela College?

#### INSTITUTE IS FOR THE COMMUNITY, BY THE COMMUNITY, OF THE COMMUNITY

## INSTITUTIONAL HIGHLIGHTS

- Founded in 1975 (44 years of service for the society) Excellent Library Facilities with Latest Professional Books & Govt. Aided since 1978 Journals. Under 2(f) 12(B) scheme of UGC since 1981 Computer Lab. with round the clock Internet Facility.
- Non-Profitable Organization managed by local Managing Modern methods of Teaching & Learning. Committee Medicinal Garden.
- Free personality development & Spoken English Classes Healthy and Conducive Campus Environment for Effective Remedial coaching learning.
- Multifaceted Development of students through cocurricular activities.
  - Guest Lectures by highly placed Professionals from Academia & Industry.
    - Effective Student Teacher Guardian Interaction.
    - Transport facility from all corners of neighboring cities i.e. Chandigarh, Mohali, Ropar, Machhiwara etc.
    - Round the clock Security inside the campus.
    - Provision of separate Boys and Girls Hostels inside the campus.
    - Nationalised Bank SBI inside the campus with ATM facility.
    - Gen Set make Kirloskar for 24 hrs. Power supply
    - CCTV surveillance.
    - Auditorium
    - Seminar Hall
    - Play Ground
    - MIS
    - 100 MBPS Internet

- UGC/NET Coaching from this session Industry-Institute partnership Programme Wi-Fi campus Grievances at different levels Free education for SC Students
- Equal opportunity cell Career oriented Courses i.e. Spoken English, Information technology, T.V. and video Production, Organic Farming
- NCC
- NSS
- Fee concession to needy and meritorious students
- Scholarships are given by Managing committee and faculty members
- MoU with industries
- **Emphasis on Human Right Education**
- Vocational degrees having multiple exit programmes
- Dedicated and committed for rural development
- Managed by well experienced & highly Qualified persons.
- Result oriented education and training.



DISTRICT JOB FESTIVAL IN BELA COLLEGE

#### INAUGURATION CEREMONY OF FACULTY DEVELOPMENT PROGRAM









CYCLE RALLY ON AWARENESS AGAINST DRUG ADDICTION



**BLOOD DONATION CAMP** 



**SPORTS DAY** 



ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਵਿਖੇ ਹੋਏ ਅੰਤਰ ਜ਼ੋਨਲ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਵੈਸਟਰਨ ਮਿਊਜ਼ਿਕ ਵੇਕਲ ਵਿੱਚੋਂ ਪ੍ਰਬਮ ਸਥਾਨ (ਗੋਲਡ ਮੈਡਲ) ਹਾਸਲ ਕਰਨ ਵਾਲਾ ਵਿਦਿਆਰਥੀ ਅਮਨਦੀਪ ਸਿੰਘ



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਨੁੱਕੜ ਨਾਟਕ ਵਿੱਚ ਦੂਸਰਾ ਸਬਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।

ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਪੀੜ੍ਹੀ ਬਨਾਉਣ

ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਪਹਿਲਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਸਕਿੱਟ ਵਿੱਚ ਪਹਿਲਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਗਿੱਧੇ ਵਿੱਚ ਤੀਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪਤ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਭੰਡ ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਦੂਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।





ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਮਮੀਕਰੀ ਦੇ ਮਕਾਬਲੇ ਵਿੱਚ ਪਹਿਲਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਭੰਗੜੇ ਵਿੱਚ

ਯੂਵਕ ਰਲਾਈ ਵਿਰਾਗ

ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

ਰੇਪੜ ਜ਼ੋਨ ਦਾ ਯਵਕ ਅਤੇ ਲੋਕ ਮੈਨ

ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਵਿਖੇ ਹੋਏ ਅੰਤਰ ਜ਼ੋਨਲ ਯੂਵਕ ਮੇਲੇ

ਦੌਰਾਨ ਵੈਸਟਰਨ ਮਿਊਜ਼ਿਕ ਵੇਕਲ ਵਿੱਚੋਂ ਪ੍ਰਥਮ ਸਥਾਨ (ਗੋਲਡ ਮੈਡਲ)

ਹਾਸਲ ਕਰਨ ਵਾਲਾ ਵਿਦਿਆਰਥੀ ਅਮਨਦੀਪ ਸਿੰਘ ।

ਰੇਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੂਵਕ ਮੇਲੇ ਦੌਰਾਨ ਲੋਕ ਗੀਤ ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਦੂਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।

## **COLLEGE FACULTY**

#### PRINCIPAL

Prof. Surmukh Singh

#### CHEMISTRY DEPARTMENT

Dr. Satwant Kaur Shahi (Asso. Prof.)

Astt. Prof. Ramanjit Kaur

Astt. Prof. Himani Saini

#### PHYSICS DEPARTMENT

Dr. Baljit Singh (Asso. Prof.)

Astt. Prof. Jaspreet Kaur

#### COMPUTER DEPARTMENT

Asst. Prof. Rakesh Joshi

Asst. Prof. Puneet Kaushal

Asst. Prof. Taranjeet Kaur

Asst. Prof. Sandeep Saini

Asst. Prof. Dinesh Kumar

Asst. Prof. Manpreet Kaur

Asst. Prof. Mandeep Singh

Asst. Prof. Iqbal Singh

Asst. Prof. Mamta Devi

#### MANAGEMENT / RETAIL MANAGEMENT DEPARTMENT

Asst. Prof. Gurlal Singh

Asst. Prof. Preetkamal Kaur

Asst. Prof. Gurinder Singh

Astt. Prof. Sumanpreet Kaur

LIBRARY DEPARTMENT

Sh. Ashok Kumar (Sr. Supdtt.)

Sh. Khalil Mohammad (Clerk)

Sh. Gurdeep Singh (Senior Clerk)

Smt. Jasvir Kaur (Supdtt.)

Smt. Kulwinder Kaur

Sh. Arshdeep Pal Singh

OFFICE STAFF

Smt. Nisha

#### BIO TECHNOLOGY / FOOD PROCESSING

Dr. Mamta Arora (Asso. Prof.)

Dr. Parvinder Kaur

Astt. Prof. Manpreet Kaur

Astt. Prof. Ramandeep Kaur

Astt. Prof. Parneet Kaur

Astt. Prof. Jaspreet Kaur

Astt. Prof. Roohi Grover

Dr. Avni Vij

Astt. Prof. Navreet

Astt. Prof. Parminder Kaur

#### COMMERCE DEPARTMENT

Asst. Prof. Ishu Bala

Asst. Prof. Amandeep Kaur

Asst. Prof. Mandeep Kaur

Astt. Prof. Sharnjeet Kaur

#### MATHEMATICS DEPARTMENT

Astt. Prof. Prabjit Kaur

Astt. Prof. Raveena Saini

Astt. Prof. Sanjivni

Astt. Prof. Rupinder Kaur

Astt. Prof. Harman Kaur

#### PHYSICAL EDUCATION DEPARTMENT

Astt. Prof. Pritpal Singh

Sh. Amariit Singh (DPE)

#### LAB TECHNICIAN

Mr. Dinesh Kumar

Mr. Mandeep Singh

#### LAB STAFF

Sh. Charanjit Singh

Sh. Sohan Singh

Sh. Amandeep Singh

Sh. Gurmeet Singh

Smt. Sarabjit Kaur

### Sh. Harjit Singh

#### RURAL DEVELOPMENT DEPARTMENT

Prof. Surmukh Singh

#### PUNJABI DEPARTMENT

Dr. Harpeet Kaur

Astt. Prof. Harpreet Singh

Dr. Surjit Kaur

Astt. Prof. Jaspreet Singh

#### POLITICAL DEPARTMENT

Astt. Prof. Rozy Rani

#### HISTORY DEPARTMENT

Astt. Prof. Sunita Rani

#### ECONOMICS DEPARTMENT

Dr. Ketanpreet Kaur

#### JOURNALISM / TV & VIDEO PRODUCTION DEPARTMENT

Astt. Prof. Lovepreet Singh

#### ENGLISH DEPARTMENT

Astt. Prof. Gagandeep Kaur

Astt. Prof. Lovepreet Singh

#### FASHION DESIGNING DEPARTMENT

Mrs. Amninder Kaur

#### SUPPORTING STAFF

Sh. Harjit Singh

Sh. Sandeep Singh

Sh. Gurdev Singh

Sh. Baljeet Singh

Sh. Rajwant Singh

Sh. Gurjinder Singh

Sh. Sandeep Singh

Sh. Butta Singh

Smt. Daljit Kaur

Smt. Harwinder Kaur

Sh. Dalip Singh (Gate Keeper)

## INFRASTRUCTURE

Sr. No.	Kind of Facility	Quantity		
1)	Class Rooms	35		
2)	Technology Enabled Learning Spaces	05		
3)	Seminar Hall	01		
4)	Laboratories	Bio-Technology Labs	:	03
		Chemistry Lab	:	02
		Computer Labs	:	03
		Food processing Labs	:	02
		Instrumentation Lab	:	01
		Hardware Lab	:	01
		Physics Lab	:	02
		Dark Room	:	01
5)	<b>Equipment for teaching and Learning</b>	Laptop	:	14
		Fixed Projectors	:	08
		Portable Projector	:	02
		Printer	:	10
6)	Administration block	01		
7)	Management Block	01		
8)	Automated Library	No. of Books = 16250		
9)	Playground	01		
10)	Hostel	Girls = 1 Boys = 1		
11)	Sports Complex	01		
12)	Auditorium	01		
13)	Canteen / Mess	01		
14)	Day Care Centre/Medical Facility/Gym	01 each		
15)	Staff Quarter	03		

## 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:**

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

#### **BANK FACILITY:**

Students can utilize facilities of State Bank of India & 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, Food Processing, Retail Management, Computer Science (UG), Commerce & Management Department

## Academic Calendar 2019-20

Summer Break 25/07/2019 to 06/07/2019

Winter Break 26/12/2019 to 10/01/2020

Date of Opening of College 08/07/2019

#### **Admission Schedule for Semester System**

Regular Admissions 09/07/2019 to 20/07/2019 without Late Fee Rs. 500/ Late Fee and Approval from Principal 22/07/2019 to 31/07/2019

Rs. 1000/Late Fee and Approval from Dean College Development Council 01/08/2019 to 09/08/2019

Rs. 1500/Late Fee and Approval from Vice Chancellor 10/08/2019 to 20/08/2019

Rs. 2000 Late Fee and Approval from Academic Council & Vice Chancellor 21/08/2019 to 31/08/2019

#### **Calender of Semester System**

Study of Odd Semester 20/07/2019 to 20/11/2019

Exam of Odd Semester 26/11/2019

Study of Even Semester 11/01/2020 to 04/05/2020

Exam of Even Semester 05/05/2020

<sup>\*</sup> Admission Schedule for Post Graduate Diploma in Journalism & Mass Communication will be as per Punjabi University Patiala, Norms. (\* www.punjabiuniversity.ac.in)

1.	Fresher's Party	August 2019
2.	Faculty Development Programme	August 2019
3.	Van Mahautsav Day	September 2019
4.	Teachers Day	September 2019
5.	NSS Day	24 September 2019
6.	National Blood Donation Day	1st October 2019
7.	Quiz Competition	October 2019
8.	Talent Hunt Competition	October 2019
9.	Zonal Youth Festival	October 2019
10.	Children Day	November 2019
11.	N.C.C. Day	23 November 2019
12.	Conference	November 2019
13.	Personality Development Programme	November 2019
14.	World AIDS Day	1 December 2019
15.	Shaheedi Jod Mela Sahibzada Ajit Singh	
	& Sahibzada Jujhar Singh	December 2019
16.	World Human Rights Day	10 December 2019
17.	College Foundation Day	6 February 2020
18.	Annual Sports Day	February 2020
19.	International Language Day	21 February 2020
20.	National Science Day	28 February, 2020
21.	Workshop	February 2020
22.	Annual Prize Distribution Function	February-March 2020
23.	Shaheed Bhagat Singh Memorial Day	23 March 2020
24.	International Women Day	8 March 2020
25.	Farewell Party	March 2020
26.	World Health Day	7 April 2020
27.	International Yoga Day	21 June 2020

## Post Graduate Courses



























### M.Com.

#### (Details of Academic Programs)

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
- To equip the students for seeking suitable employment and entrepren-purshipability
- 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.

#### ELIGIBILTY CONDITION FOR ADMISSION TO M.COM. COURSE

The examination for the degree of Master of Commerce shall be held in two parts to be called M.Com Part-I and M.Com. Part-II. Each part shall consist of two semesters viz. Semester 1st and 2nd in Part-I and Semester 3rd and 4th in Part-II. The examination shall be held in the months of November/December for Ist and 3rd Semester and April/May for 2nd and 4th Semester or on such other dates as may be fixed by the University.

- It shall be open to a candidate who has passed B.Com. B.B.A., B.M.I.T. B.Com (Professional) and Bachelor of Accounting & Finance examinations with at least 50% marks in the aggregate from this University or any other University recognized as equivalent thereto by the Academic Council.
- The medium of instruction and examination shall be English.
- M.Com Part-II shall be open to any person who has passed M.Com Part-I examination or has cleared at least 50% papers prescribed for first and second semester of M.Com. Course.

#### PLACEMENT OPPORTUNITIES

Chartered Accountant, Financial Planner, Research Analyst, Probationnary officer/ Banking officer, Economist, Career as a Mutual Fund Advisor/ Relationship Manager, Banker, ICWA, College Teacher(you can clear NET after PG to get into teaching profession.)

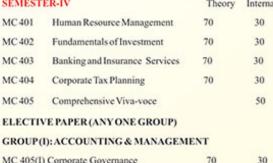
#### **OUTLINES OF PAPERS**

SEMES	STER-I	Theory	Internal Assessment
MC 101	Management Concepts & Organisational Behaviour	70	30
MC 102	Accounting For Managerial Decisions	70	30
MC 103	Business Economics	70	30
MC 104	E-Commerce	70	30

#### ELECTIVE PAPER (ANY ONE GROUP)

GROUPA	MACCOUN	TING & MA	NAGEMENT

011001	,,				
MC 105(i	Accounting Theory & International	Accounting		70	30
GROUP	(II): FINANCE				
MC 105(ii	i) Financial Management			70	30
SEMEST	ER-I			Theory	y Internal Assessment
MC 201	Advance Accounting			70	30
MC 202	Business Environment			70	30
MC 203	Research Methodology & Statistic	al Techniques		70	30
MC 204	Seminar (Based upon current issue	es relating to C	Commerce)	50	
ELECTIV	VE PAPER (ANY ONE GROUP)				
GROUP(	I): ACCOUNTING & MANAGEM	IENT			
MC 205(i	) Management Information & Contro	ol System		70	30
GROUP	(II): FINANCE				
MC 205(ii	i) Financial Institutions & Markets			70	30
SEMEST	ER-III			Theory In	nternal Assessment
MC301	Contemporary Auditing			70	30
MC 302	Corporate Legal Framework			70	30
MC 303	Direct Tax Laws			70	30
MC 304	Marketing Management			70	30
ELECTIV	VE PAPER (ANY ONE GROUP)				
GROUP(	i): ACCOUNTING & MANAGEM	ENT			
MC 305(I	) Project Management			70	30
GROUP (	(II): FINANCE				
MC 305(ii	i) Management of Financial Services			70	30
SEMEST	ER-IV	Theory	Internal Assessment		
MC 401	Human Resource Management	70	30		



## MC 405(I) Corporate Governance GROUP (II): FINANCE

70

MC 405(ii) International Finance



Commerce Alumni

### M.Sc. (Biotechnology)

(Details of Academic Programs)

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 has 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 for M.Sc Biotechnology

- The admission to first year in the course will be made as per Punjabi University, Patiala, guidelines.
- Students 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 Zoology/Botany/Mathematics/ Statistics/ Physics/ Chemistry are also eligible for admission.
- The student who have not been detained/declared fail or who have not been placed in the UMC category in the eligibility class and whose work and conduct have been declared satisfactory.
- The admission will be made on merit basis.

#### Job prospects:

Biotechnology as a subject has grown rapidly. As far as employment is concerned, it has become one of the fast growing sector.

- Biotechnologists can find careers with pharmaceuticals companies, chemical, agriculture and allied industries.
- They can be employed in the areas of planning production and management of bioprocessing industries.
- There is a large scale employment in research laboratories run by the government as well as the corporate sector.
- Biotechnology students in India may find work in a government based entity such as universities, research institutes or at private centres as research scientists/assistants.
- They may find employment in specialized biotechnology companies such as pharmaceutical firms, food manufacturers, aquaculture and agricultural companies.
- Companies that are engaged in business related to life Sciences also consider biotech degree.

#### Course of study:

The course will consist of four semesters, two in each year. In each of the four semesters, there would be four theory papers and two practical papers. The students will undertake in-plant training of 4-6 weeks at various industries/institutions/R & D centers at the end of semester II, which would be evaluated in semester III and IV. During the M.Sc. course, the students would visit at least two industries/R & D centers to become familiar with the industrial operations and sophisticated scientific equipments, etc.

Each theory paper shall have 4 hours teaching and 3 practical hours per week. Each theory paper shall be of 100 marks of which 75 marks shall be allocated to theory paper set by external examiner and 25 marks to the internal assessment. The internal assessment would comprise of one assignment of 5 marks, one seminar of 5 marks and test of 10 marks (average of the two tests shall be considered), and 5 marks for attendance.

#### Semester-I

Theory Papers

Paper I : Principles of Biochemistry	100 Marks
Paper II : Molecular Genetics	100 Marks
Paper III : Introductory Microbiology	100 Marks
Paper IV : Immunology	100 Marks

Practical Papers

Practical Paper	I: Pertaining to t	heory paper I a	and II	100 Marks
ractical raper	i. i Citaming to t	neory paper re	HIGH	LOUIVIGIA

Practical Paper II: Pertaining to theory paper III and IV 100 Marks

Total 600 Marks

## M.Sc. (Biotechnology)

(Details of Academic Programs)

#### Semester-II

Theory	Papers	s
I Heory	r aper	,

Paper V: Genetic Engineering 100 Marks
Paper VI: Molecular Biophysics 100 Marks

Paper VII: Fundamentals of Bioprocess Development 100 Marks
Paper VIII: Fundamentals of Fermentation Technology 100 Marks

**Practical Papers** 

Practical Paper III: Pertaining to theory paper V and VI 100 Marks

Practical Paper IV: Pertaining to theory paper VII and VIII 100 Marks

Total 600 Marks

#### Semester-III

#### Theory Papers

Paper IX: Enzymology 100 Marks
Paper X: Microbial & Food Technology 100 Marks
Paper XI: Environmental Biotechnology 100 Marks
Paper XII: Commercial Biotechnology 100 Marks

**Practical Papers** 

Practical Paper V: Pertaining to theory paper IX and X 100 Marks
Practical Paper VI: Pertaining to theory paper XI and XII 100 Marks
Total 600 Marks

#### Semester-IV

#### Theory Papers

Paper XIII: Tissue & Cell Culture Technology	100 Marks
Paper XIV: Research Methodology	100 Marks
Paper XV: Computers & Biostatistics	100 Marks
Paper XVI: Fundamentals of Bioinformatics	100 Marks

#### Practical Paper

Practical Paper VII: Pertaining to theory paper XIII and XIV 100 Marks
Practical Paper VIII: Pertaining to theory paper XV and XVI 100 Marks

In-Plant Training\* Satisfactory/Unsatisfactory

Total 600 Marks

\*In-plant training seminars shall be evaluated by a board of three teachers and the result would be communicated by Head of the Department before commencement of semester IV examinations. project work will be conducted by one external examiner, Head of the department and one Internal faculty nominated by HOD.

In-plant training seminar and industrial visits shall be evaluated by a board of three teachers and communicated by Head of department to University before commencement of final examinations.



## PLACEMENT FROM PREVIOUS BATCH

- Shivalik Solid Waste Management Ltd
- Theon pharma Ltd Nalagarh, HP.
- Sentis Pharma Pvt Ltd Nalagarh, HP.
- Cosmas research labs ltd, Ludhiana
- Swiss garner life sciences Mehatpur, HP
- Acme Formulation Pvt Ltd, Nalagarh
- Biodeal Pharma, Dherowal
- Trident ltd, Barnala.
- BlueStar Biotech, Una
- IMTech Chandigarh
- Verka Milk Plant, Mohali
- Highway Industries, Ludhiana



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### M.Sc. Mathematics

(Details of Academic Programs)

#### 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: The Candidate must have passed B.A/B.Sc. (with Mathematics as a full subject) from any Recognized Indian University with 50% marks.

Objective of the program: The objectives of the M.Sc. (Mathematics) program are to develop students with the following capabilities:

- To provide students with a knowledge, abilities and insight in Mathematics so that they are able to work as mathematical professional.
- To provide students with advanced mathematical that prepares them to pursue higher studies and conduct research.
- To provide students with knowledge and capability in formulating and analysis of mathematical models of real life applications.
- To increase students self confidence in conducting research independently or within a team.

#### Outcome of the program: The successful completion of this program will enable the students to:

- Demonstrate the ability to conduct research independently and pursue higher studies towards the Ph.D. degree in mathematics.
- Carry out development work as well as take up challenges in the emerging areas of Industry.
- Acquire deep knowledge of different mathematical disciplines so that they can qualify NET/GATE examination.
- Mathematics post graduates can find lots of opportunities in various Govt. organizations.
- They can also work in Banks, Insurances Companies and in various Colleges.
- The Students would also be able to work as a scientist in DRDO, ISRO etc.

#### OUTLINES OF PAPERS

Each paper will be of 100 .External marks are 75 and Internal marks are 25.

#### SEMESTER-I

Paper-I	MM 401	MATHEMATICAL ANALYSIS
Paper-II	MM 402	TOPOLOGY I
Paper-III	MM 403	ALGEBRA-I

Paper-IV	MM 404	DIFFERENTIAL GEOMETRY
Paper-V	MM 405 (A)	FUNDAMENTAL OF COMPUTER
		SCIENCE and C-Programming
	MM 405(B)	SOFTWARE LABORATORY
		(C- Programming)
SEMESTER	R-II	
Paper-I	MM 501	DIFFERENTIAL EQUATIONS
Paper-II	MM 502	FUNCTIONAL ANALYSIS
Paper-III	MM 503	ALGEBRA-II (RINGS AND MODULES)
Paper-IV	MM 504	COMPLEX ANALYSIS
Paper-V	MM 505	TOPOLOGY II

#### SEMESTER-III

ELECTIVES (A	ny five of the follow	ing list of optionals)
Paper - I	MM 601	DIFFERENTIABLE MANIFOLDS
Paper - II	MM 602	FIELD THEORY
Paper - III	MM 603	DIFFERENTIAL EQUATIONS -II
Paper - IV	MM 604	CATEGORY THEORY - I
Paper - V	MM 605	NUMERICAL ANALYSIS
Paper - VI	MM 606	COMPLEX ANALYSIS - II
Paper - VII	MM 607	CLASSICAL MECHANICS
Paper - VIII	MM 608	ALGEBRAIC TOPOLOGY
Paper - IX	MM 609	ANALYTIC NUMBER THEORY
Paper - X	MM 610	OPTIMIZATION TECHNIQUES-1
Paper - XI	MM 611	FUZZY SETS & APPLICATION
Paper - XII	MM 612	SOLID MECHANICS
Paper - XIII	MM 613	MATHEMATICAL METHODS

#### SEMESTER-IV (Any five of the followings) Paper - I MM 701 HOMOLOGY THEORY MM 702 Paper - II THEORY OF LINEAR OPERATORS Paper - III MM 703 GEOMETRY OF DIFFERENTIABLE MANIFOLDS Paper - IV MM 704 CATEGORY THEORY - II Paper - V MM 705 OPTIMIZATION TECHNIQUES Paper - VI MM 706 HOMOLOGICAL ALGEBRA Paper - VII MM 707 FINITE ELEMENTS METHODS Paper - VIII MM 708 FLUID MECHANICS Paper - IX MM 709 ALGEBRAIC CODING THEORY Paper - X MM 710 COMMUTATIVE ALGEBRA Paper - XI MM 711 OPERATION RESEARCH Paper - XII MM 712 WAVELETS

NON LINEAR PROGRAMMING

Paper - XIII

MM 713

### M.Sc. (I.T.)

#### (Details of Academic Programs)

2nd Vear

#### SCOPE

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, business, 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 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 and 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 instruction shall be English.

#### **ELIGIBILITY FOR ADMISSION**

Graduation with atleast 50 % marks.

Ist Year Semester-I	Marks	Marks
MS-111 Introduction to Information Technology	75	25
MS-112 Computer Programming using C	75	25
MS-113 Computer Organization & Architecture	75	25
MS-114 Mathematical Foundation of Computer Science	75	25
MS-115 Operating Systems	75	25
MS-116 Programming Lab-I	75	25
Semester-II		
MS-121 Object Oriented programming Using C++	75	25
MS-122 Data & File Structures	75	25
MS-123 Visual Basic	75	25
MS-124 RDB MS & Oracle	75	25
MS-125 Programming Lab-II	75	25
MS-126 Programming Lab-III	75	25

Semester System-III	External	Internal
MS-211 Web Technology	75	25
MS-212 Java Programming	75	25
MS-213 Software Engineering	75	25
MS-214 Computer Networks	75	25
MS-215 Programming Lab-IV (Web Technology)	75	25
MS-216 Programming Lab-V (Java Programming)	75	25
Semester System-IV		
MS-221 Computer Graphics	75	25
MS-222 LINUX Administration	75	25
MS-223 Modern Information Systems	75	25

#### CONTINUOUS ASSESSMENT (THEORY PAPERS)

MS-225 Programming Lab-VI (Computer Graphics)

MS-226 Programming Lab-VII (LINUX)

MS-224 Artificial Intelligence

Two tests will be conducted during the Semester.	60% of the marks allotted for Continuous Assessment		
Both the tests will be considered for assessment.	20% of the marks allotted for Continuous Assessment		
Assignment/Quizes	10% of the marks allotted for Continuous Assessment		
Attendance	10% of the marks allotted for Continuous Assessment		







25

25

25

75

75

### M.Sc. IT LATERAL ENTRY

**Details of Academic Programs** 

The Candidate's who get admission through lateral Entry in M.Sc. (IT) Part II after passing PGDCA Examination from any recognized University will have to pass the various deficient papers of M.Sc. (IT) Part I . Those candidates who have completed PGDCA from Punjabi University Patiala have to clear the following deficient papers in M.Sc. (IT)-II LE Semesters-III & IV

- MS-113 Computer Organization & Architecture
- MS-114 Mathematical Foundation of Computer Science
- MS-121 Object Oriented programming Using C++
- MS-122 Data & File Structures
- MS-123 Visual Basic
- MS-125 Programming Lab-II

M.Sc. in Information Technology graduates can work in a wide variety of work profiles in various areas. Some of the common work profiles being enjoyed by these graduates include the following.

- Application Programmer
- Computer Support Specialist
- Information Security Coordinator
- Information Technologist
- Enterprise Information Officer
- Computer Information Specialist
  - Information Architect
- Information Systems Manager
- Database Administrator
- Graphic Designer

- Hardware and Network Expert
- Maintenance Technician
- System Designer
- Web Designer
- Strategic Information Planner
- System Analyst

- Legal Information Specialist
- Online Editor
- Trainer
- Quality Analyst
  - System Administrator

Their salary packages may vary with the job profile and also with the chosen firm. They can look forward for an amazing career abroad as well. Most of the foreign countries also have great demand for experts in the IT field.

#### JOB PROFILES :-

- Application Developer
- Data Entry Worker Technician
- IT Manager
- Programmer Analyst
- Project Manager
- Software Trainer Analyst
- Computer Operator

- Data Analyst
- Database Manager
- Game Developer IT Support
- Network Analyst
   QA Tester
- Quality Assurance Analyst
   Program Manager
  - Software Developer Software marketer
  - Database Administrator Business Systems
- Network Administrator Systems Manager





## POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (PGDCA)

#### Duration of the course:

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

#### **Eligibility Conditions:**

- 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

#### OUTLINE OF PAPERS AND TESTS for P.G.D.C.A.

		Uni. Exa.	Conti. Ass.	Max. Marks
SEMESTER	-I	20000000	853333A	
PGDCA-101	Fundamentals of Information Technology	70	30	100
PGDCA-102	Operating Systems	70	30	100
PGDCA-103	Problem Solving Using C	70	30	100
PGDCA-104	Software Lab - I Office Automation			
	and Productivity Tools	40	60	100
PGDCA-105	Software Lab – II Programming Fundamentals			
	through "C" Language	40	60	100
SEMESTER	-и			
PGDCA-201	Database Management System	70	30	100
PGDCA-202	Introduction to Computer Network, Internet			
	& E-commerce	70	30	100
PGDCA-203	Object-Oriented Programming using C++	70	30	100
PGDCA-205	Software Lab - III Web Desinging, HTML			
	& RDBMS	40	60	100
PGDCA-206	Software Lab – IV C++ Programming	40	60	100

#### NOTE:

1. The break up of marks for the Continuous assessment for theory papers will be as under:

One or two tests out of which minimum one best will be
 Solution 15 Marks considered for assessment.

ii. Attendance, Class participation and behaviour 5 Marks

2. The break up of for the Continuous Assessment for the practical will be as under:

 Two or three tests out of which minimum two will be considered 36 Marks for evaluation (60% of Total marks)

ii. Lab Assignments (30% of Total marks) 18 Marks

iii. Attendance/Class participation and behaviour (10 % of Total marks) 6 Marks

#### CAREER OPTIONS AFTER PGDCA-

- They can get employed in organisations like IT Firms, Research Firms, and Banking Industry etc.
- They can work in job profiles like Application Developer, Database Administrator, and IT Support Technician etc.

#### OPPORTUNITIES AFTER PGDCA COURSE

EMPLOYMENT AREAS :-	<ul> <li>Automobi</li> </ul>	les -Banking
IT Firms	- Business	- Entertainment
Insurance Firms	<ul> <li>Information</li> </ul>	on Technology - Finance
Health Industry	<ul> <li>Manufact</li> </ul>	uring - Communication
Entertainment sector	<ul> <li>Defense</li> </ul>	- Education
	- Electronic	s - Marketing
Electronic Industry	- Police	<ul> <li>Product Manufacturing</li> </ul>
Research Firms	- Railways	

Educational Organizations

Banking Industry



## POST GRADUATE DIPLOMA IN JOURNALISM AND MASS COMMUNICATION (PGDJMC)

**Details of Academic Programs** 

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.

The Course for the PG Diploma in Journalism and Mass Communication shall be spread over one year.

#### ELIGIBILITY FOR ADMISSION

Graduate in any subject

The medium of instructions shall be English and Punjabi and medium of examination shall be English, Punjabi and Hindi.

A candidate admitter to P.G.D.J.M.C. course must fulfill the following requirements:

- Has been on the rolls of the Department/College throughout the year preceding the examination.
- Every candidate will be required to attend 75% attendance of the delivered lectures in each paper.

Name of Paper	External	Internal	Total
Introduction to Mass Communication	80	20	100
Growth & Development of Media	80	20	100
Reporting for Print Media	80	20	100
Advertising and Public Relations	80	20	100
Paper-v: Practical Assignment	Assignment=50	Viva=50	100

This paper will consist of practical assignment to be submitted in one set by the students in the following sequence

1.	News report of a major event	(One) 10 marks
2.	Feature/Article on any subject	(One) 10 marks
3.	Translation of news from Punjabi to English and English to Punjabi	(Two) 10 marks
4.	Film or Book review	(One) 10 marks
5	Script of 15 minutes radio or television news bulletin	(One) 10 marks

INSTRUCTIONS: The students should write/create news/articles etc. on their own and avoid copying. The assignments must be submitted on or before March 31.



## **VOCATIONAL PROGRAMS**

### **COMMUNITY COLLEGE**

Medical Laboratory Technology

(50 SEATS)

#### INTRODUCTION

For many decades we have been acquainted with traditional degree courses like B.A., B.Sc. and B.Com. And in the last decade we have seen courses such as B.M.M., B.M.S., B.A.F., B.F.M. and B.B.I. gaining popularity amongst students. With an emphasis to focus more on practical training, vocational and skill development; UGC has introduced a new degree program called Bachelor of Vocation (B.Voc.).

#### DURATION:

B.Voc. is a three year degree program. B. Voc. course offers multiple exit points. Students can leave at the end of first year with a Diploma, at the end of second year with an Advanced Diploma, and at the end of three years with a Degree.

#### **ELIGIBILITY:**

Students after standard 12th are eligible to apply for this course.

#### 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 needbased curriculum

### SPECIALIZATIONS:

B. Voc.

**FOOD PROCESSING** 

(50 SEATS)

RETAIL MANAGEMENT & IT

(50 SEATS)

RENEWABLE ENERGY TECHNOLOGY (50 SEATS)

JOURNALISM & MULTI MEDIA TECHNOLOGY (50 SEATS)

SALES MANAGEMENT & INDUSTRIAL RELATIONS (50 SEATS)





















## **B. Voc. FOOD PROCESSING**

**Details of Academic Programs** 

#### JOB PROSPECTS IN FOOD PROCESSING

Food processing is a branch of food science 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, mothers and especially for the working women

Presently in India, Food Processing Industry is gaining momentum 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 at of age where 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 too. Other jobs in this industry include Bakeries, Meat, Poultry, Trimmers, and Fish Cutters, Slaughterers 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, 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.













# B.Voc. RETAIL MANAGEMENT

& IT

**Details of Academic Programs** 



#### 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.

#### ELIGIBILITY:

The eligibility for B.Voc. RM-IT programme is 10+2 or equivalent in any stream/Arts/Science/Commerce with 50% marks.

#### OBJECTIVE:

To overcome the skill gaps between industry and workforce and to Increase vocational studies.

#### PLACEMENT OPPORTUNITIES:

#### Industries for placement:

- Retail Industry
- Banks
- Insurance companies
- Government Sector
- Teaching



#### JOB POSITION:

- Floor Manager
- Logistic Manager
- Sales Associate
- Store Manager
- Supply Chain Manager
- Training Manager
- Packing & Design Manager
- Distribution Manager

- Operation Manager
- Warehouse Manager
- Department Manager
- Customer Service Assistant
- Human Resource manager
- 2. Finance and Administration Manager
- Health & Safety Officer



# **Under Graduate Courses**



# B.Com Details of Academic Programs

#### SCOPE OF B.COM.

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, aspirants can apply for jobs relating business and finance. They can apply for employment in finance sector like banking, company secretary, 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

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

- of having passed at least +2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto with at least:
- 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 students 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. OR
- (d) Students who opt for any of the vocational subjects in the B.Com. course should have passed with atleast 50% marks, 10+2 examination from Punjab School Education Board or any other examination recognized as equivalent thereto.

#### SEMESTER-I

DC 101. Dominhi

BC -101:	Punjabi	50	
BC -101-	A Punjabi Compulsory(Elementary Knowledge)-I (Special Paper in lieu of Punjabi)	50	
BC -102:	English(Communication Skills)	50	
BC -103:	Financial Accounting-I	100	
BC -104:	Business Laws - I	100	
BC -105:	Principles of Economics - I	100	
BC -106:	Computer Applications in Business	100	
SEMEST	ER-II		
BC - 201:	Punjabi	50	
BC - 201-	A Punjabi Compulsory (Elementary Knowledge)-II (Special Paper in lieu of Punjabi)	50	
BC - 202:	English (Communication Skills)	50	
BC - 203:	e Accounting	100	
BC - 204:	Business Laws - II	100	
BC - 205:	Principles of Economics - II	100	
BC - 206:	Business Statistics	100	

#### SEMESTER-III

SEMESTER	-111	
BC - 301:	Punjabi/ Punjab History and Culture	50
BC - 302:	English(Communication Skills)	50
BC - 303:	Principles of Business Management - I	100
BC - 304:	Corporate Accounting - I	100
BC - 305:	Company Law	100
BC - 306:	Income Tax Law – I	100
BC-307:	Business Mathematics	100
SEMESTER-	-IV	
BC - 401:	Punjabi/ Punjab History and Culture	50
BC - 402:	English(Communication Skills)	50
BC - 403:	Principles of Business Management- II	100
BC - 404:	Corporate Accounting- II	100
BC - 405:	Auditing Practices	100
BC - 406:	Income Tax Law – II	100
BC - 407:	Business Environment	100
SEMESTER-	-V	
BC - 501:	Punjabi Compulsory	50
BC - 501-A	Punjab History and Culture*	50
BC - 502	Management Accounting-I	100
BC - 503	Cost Accounting-I	100
BC - 504	Financial Management-I	100
BC - 505	Indirect Taxes- I	100
BC - 506	Fundamentals of Entrepreneurship	100
SEMESTER-	-VI	
BC - 601	Punjabi Compulsory	50
BC - 601-A	Punjab History and Culture*	50
BC - 602	Management Accounting-II	100
BC - 603	Cost Accounting-II	100
BC - 604	Financial Management-II	100
BC - 605	Indirect Taxes- II	100
BC - 606	Governance, Ethics and Social Responsibility of Business	100

There are plentiful job opportunities for the commerce graduates in India and abroad. On successful completion of B Com, aspirants can seek out for career in public and private undertakings. Various tests are conducted in public sector for the recruitment of these graduates. They can attend the U.P.S.C. exams, Combined Defense Services exam, Air Force Accounts exams and so on. Aspirants can also apply for the banking sector jobs like clerical and Probationary Officers jobs. Those who wish for a career abroad should write the GRE/GMAT exam. Professionals can apply for jobs in industries, media and communication and in multi national companies. They can also work in health care, educational institutions, and in financial service sector.

### **B.Sc.** (Hons.) BIOTECHNOLOGY

**Details of Academic Programs** 

**Biotechnology** is making immense contribution for the betterment of society. This professional course aims to provide experimental knowledge, analytical and conceptual skills to learner in diverse areas like molecular biology, tissue culture, genetics, genomics, proteomics, bioinformatics, Biochemistry, fermentation technology etc. The course opens many career option after its completion.

The course for the degree of Bachelor of Science (Hons.) Biotechnology shall be spread over three academic years (B.Sc. Part-I, II and III) and six semesters. Each part shall consist of two semesters. The examination for the first, third and fifth semester shall be held in the month of November/December and examination for the second, fourth and sixth semester shall be held in the month of April/May.

- The candidates who have passed 10+2 examination in Science stream (Medical & Non- Medical etc.) are eligible.
- Minimum eligibility requirement for admission in First semester is 45% marks in the 10+2 examination (Relaxation will be as per Govt. norms)
- The course will be based on Choice Based Credit System (CBCS) as per UGC guidelines.
- Credit is a unit by which course work is measured. One credit is equivalent to one hour of teaching
  or two hours of practical work per week.

Biotechnology (the term coined by a Hungarian engineer, Karl Ereky) is defined by UN convention on biological diversity as, "Any technological application that uses biological system or living organisms to make or modify the process or product for specific use." The idea of modifying products to suit specific applications and engineer them to make more viable, has inspired man to reach the pinnacle where Biotechnology stands today. Biotechnology has touched almost every aspect of human life and has carved its niche too. Biotechnology dealing with medical and health care is termed as Red biotechnology. It is Green biotechnology, when it concerns about agricultural processes and White biotechnology when comes to industrial processes.

C: Core Courses; GE: Generic Elective; AECC; Ability Enhancement compulsory course

SEC; Skill Enhancement Course; DSE: Discipline specific Elective;

BHB: B.Sc.(Hons.) Biotechnology subject number code

	SEMESTER II SEMESTER II		
CI-BHB1	Biochemistry & Metabolism	C3-BHB6	Mammalian Physiology
C2-BHB2	Cell Biology	C4-BHB7	Plant Anatomy & Physiology
AECCI- BHB3	English-I	AECC3-BHB8	English II
GE 1- BHB4	Biostatistics/Developmental Biology/Chemistry-I	GE 2-BHB9	Biotechnology & Human Welfare / Microbial physiology/Chemistry-2
AECC2- BHB5	Punjabi-I(Punjabi Qualifying) /Elementary Punjabi (Elementary Punjabi for Foreign candidates only)]	AECC4-BHB10	Punjabi-II (Punjabi Qualifying)/Elementary Punjabi (Elementary Punjabi for Foreign candidates only)]
		GE3-BHB11	Drug Abuse: problem, Management and prevention (Qualifying)

	SEMESTER III		SEMESTER IV
C5-BHB12	Genetics	C8-BHB17	Molecular Biology
C6-BHB13	General Microbiology	C9-BHB18	Immunology
C7-BHB14	Spectroscopic Techniques-I /Chemistry-3	C10-BHB19	Spectroscopic Techniques-II /Chemistry-4
SEC I- BHB15	Enzymology	SEC 2-BHB20	Industrial Fermentations
GE 4- BHB16	Environment Biotechnology/Ecology & Environment Management	GE 5-BHB21	IPR, Entrepreneurship, Bioethics & Bio-safety/Entrepreneurship Development
		AECC5-BHB22	Environmental & Road safety Awareness (Qualifying)

	SEMESTER V		SEMESTER VI
C11-BHB23	Bioprocess Technology	C13-BHB28	Bio Analytical Tools
C12-BHB24	Recombinant DNA Technology	C14-BHB29	Genomics and Proteomics
DSE 1- BHB25	Animal Biotechnology/Animal Diversity I	DSE 3-BHB30	Medical Microbiology/Animal Diversity II/
DSE 2- BHB26	Plant Biotechnology/Plant Diversity I	DSE 4-BHB31	Bioinformatics/Plant diversity II
GE-6- BHB27	Basics of Forensic Science/Chemistry-5	GE-7-BHB 32	Food Biotechnology/Chemistry-6

### **B.Sc.** (Hons.) BIOTECHNOLOGY

**Details of Academic Programs** 

#### JOB OPPORTUNITIES AFTER B.Sc. BIOTECHNOLOGY

Biotechnology assimilates in itself a number of disciplines. Further, there is a great demand for biotechnical experts in countless government and industrial sectors. The following are the applications where biotechnological techniques are used extensively:-

Agriculture

Animal Husbandry

**Environment Conservation** 

**Genetic Engineering** 

Health Care

Medicine

Industrial Research and Development

B.Sc Biotechnology graduates have several job opportunities in the Government and private sectors. Numerous job openings suitable for these graduates are available in various areas. Some of the popular job profiles avialable for B.Sc in Biotechnology graduates are:-

- Scientific assistant
- Biostatistician
- Clinical Research Manager
- Research analyst
- Medical affairs Director
- Calibration Technician

Career opportunities for students in Biotechnology abound. Those specializing in different subdisciplines of this field can easily find jobs in both government and private sector undertakings. If you have acquired a post-graduate degree in biotechnology then you can easily find a suitable position in a number of industries.

Government and private sectors recruiters

- Biotech Consortium India Limited
- All India Biotech Association (AIBA)
- Rajiv Gandhi Center for Biotechnology (RGCB)
- Agricultural and biological products industries
- Bio-processing industries,
- · Pharmaceutical
- Chemical industry
- Healthcare products industry
- Textile industry
- Cosmetics industry



Organisations engaged in different types of industrial research and development.

### **BACHELOR OF COMPUTER APPLICATION (BCA)**

**Details of Academic Programs** 

### **BCA**

B.C.A. is an integrated course comprising three parts spread over three years. Each part will consist of two semesters. The course of study of B.C.A. shall be divided in six semesters and university examination will be held at the end of every semester in the months of November/December (for semester I, III & V) and May/June (for semester II, IV & VI) or as fixed by the Academic Council. A candidate must complete and pass the whole course of three years within a maximum of five years from the date of admission in B.C.A. first semester.

A candidate will be eligible to join 1st semester of B.C.A course, if he/she has passed +2 examination of Punjab School Education Board, or any other examination recognised as equivalent thereto without reappear.

In each Paper 25% of the total marks are assigned to the internal assessment and 75% marks to the University examination.

The minimum number of marks required to pass the examination in each Part shall be 35% in each subject, provided that in subject with practical the percentage shall be required separately in written and practical/lab work.

BCA-214	Object Oriented Programming			
	using C++	75	25	100
BCA-215	Fundamentals of Database			
	Management System	75	25	100
BCA-216	Software Lab – IV (based on paper			
	BCA-214: Object Oriented			
	Programming using C++)	35	15	50
BCA-217	Software Lab - V (MS Access Lab			
	based on BCA-215 Fundamentals			
	of Database Management System)	35	15	50
SEMESTER-IV				
BCA-211	English Communication Skills - I	75	25*	100
BCA-212	Discrete Mathematics	75	25	100
BCA-213	Computer System Organizations and			

Code	Title of Paper	Uni.	Int.	Max.
SEMESTER-I		Exam.	Ass.	Marks
BCA-111	General English – I	75	25	100
BCA-112	Punjabi (Compulsory) or			
	Punjabi Compulsory (Mudla Gyan)**	35	15	50
BCA-113	Fundamentals of Information Technology	75	25	100
BCA-114	Programming Fundamentals using C	75	25	100
BCA-115	Software Lab -I			
	(Windows and Office Automation)	60	40	100
BCA-116	Software Lab - II (Based on paper BCA-1)	14:		
	Programming Fundamentals using C)	60	40	100
SEMESTER-II				
BCA-121	General English – II	75	25*	100
BCA-122	Punjabi (Compulsory) or			
	Punjabi Compulsory (Mudla Gyan) **	35	15	50
BCA-123	Digital Electronics	75	25	100
BCA-124	Data Structures	75	25	100
BCA-125	Basic Mathematics	75	25	100
BCA-126	Software Lab - III (based on BCA-124:			
	Data Structures)	60	40	100
SEMESTER-III				
BCA-211	English Communication Skills - I	75	25*	100
BCA-212	Discrete Mathematics	75	25	100
BCA-213	Computer System Organizations			
	and Architecture	75	25	100



# BACHELOR OF COMPUTER APPLICATION (BCA) Details of Academic Programs

	Architecture	75	25	100
BCA-214	Object Oriented Programming using C++	75	25	100
BCA-215	Fundamentals of Database Management System	75	25	100
BCA-216	Software Lab – IV (based on paper BCA-214:	200		
	Object Oriented Programming using C++)	35	15	50
BCA-217	Software Lab - V (MS Access Lab based on			
	BCA-215 Fundamentals of Database			
	Management System)	35	15	50
SEMESTER-V				
BCA-311	English Literary Skills – I	75	25*	100
BCA-312	System Analysis and Design	75	25	100
BCA-313	System Software	75	25	100
BCA-314	Java Programming	75	25	100
BCA-315	Web Designing using HTML and DHTML	75	25	100
BCA-316	Software Lab – IX (based on paper BCA-314:			
	Java Programming)	35	15	50
BCA-317	Software Lab – X (based on paper BCA-315:	0.00	5352	
	Web Designing using HTML and DHTML)	35	15	50
SEMESTER-VI				
BCA-321	English Literary Skills – II	75	25*	100
BCA-322	E-Commerce	75	25	100
BCA-323	Operating Systems	75	25	100
BCA-324	Software Engineering	75	25	100
BCA-325	Web Designing using ASP.NET	75	25	100
BCA-326	Software Lab - XI (More on Java based			
	on BCA-314: Java Programming)	35	15	50
BCA-327	Software Lab – XII (based on BCA-325:			
5011-527	Web Designing using ASP.NET)	35	15	50
	Annual resource of the second			

#### JOB OPPORTUNITIES AFTER BCA:

	GOVERNMENT SECTOR		BANKING SECTOR
	TEACHING		MNC's
	SOFTWARE DEVELOPER		WEBSITE DEVELOPER
	BPO's		IT TECHNITIONS
	DATA ENTRY OPERATORS		DOCUMENTATION CENTER
ř	INTERNET CAFÉ		SYSTEM ASSEMBLER
	SOFTWARE INSTALLATION		TYPING TUTOR CENTER
	ONLINE RESERVATION OFFICES	**	ONLINE BILLING WINDOWS
	HARDWARE SOFTWARE MERCHANTS	**	DIGITAL - PHOTOGRAPHY



### **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

**Under Graduate Courses** 

### SCOPE

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

		Theory	MARKS Practical	Total
SEMESTER-I		111001)		
BBA-101	Communication Skills in			
	Punjabi/ Elementary Punjabi	75	25	100
BBA-102	Business Economics-I	60	40	100
BBA-103	Business Mathematics	60	40	100
BBA-104	Business Organization and			
	Management Principles-I	60	40	100
Practical Subject				
BBA-105	Workshop on computer applications		50	50
BBA-106	Seminar		50	50
SEMESTER-II				
BBA-201	Communication Skills in			
	Punjabi/Elementary Punjabi	75	25	100
BBA-202	Communication Skills in English	60	40	100
BBA-203	Business Economics-II	60	40	100
BBA-204	Business Statistics	60	40	100
BBA-205	Business Organization and			
	Management Principals-II	60	40	100
Practical Subject				
BBA-206	Workshop on Internet & E-commerce		50	50
BBA-207	Seminar		50	50
BBA-208	Viva-Voce	100		100
SEMESTER-III	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			3510
BBA-301	Principles of Human Resource Management	60	40	100
BBA-302	Business Accounting	60	40	100
BBA-303	Principles of Marketing Management	60	40	100
BBA-304	Business Laws	60	40	100
BBA-305	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-306	Workshop on Contemporary Business Issues		50	50
BBA-307	Seminar on Knowledge Management		50	50
SEMESTER-IV				
BBA-401	Financial Management	60	40	100
BBA-402	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-403	Workshop on Creativity & Innovation		50	50
BBA-404	Seminar on Entrepreneurship	100	50	50
BBA-405	Viva- Voce	100		100

# BACHELOR OF BUSINESS ADMINISTRATION (BBA) Under Graduate Courses

Marketing Management

**Human Resource Management** 

Retail Management

Marketing of Services

Advertisement & Sales Management

Career Planning & Management

Cost & Management Accounting

Income Tax Law & Practice

Business Research Methods

Industrial Internship: Industrial Training of 4 to 6 Weeks

Financial Instruments and Services

Training & Development

Management of Change

60

60

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BBA-406

BBA-407

BBA-408

BBA-409

BBA-410

BBA-411

Finance BBA-412

BBA-413

BBA-414

BBA-501

BBA-502

SEMESTER-V

Practical Subject

SEMESTER-I				
BBA-101	Communication Skills in			
	Punjabi/ Elementary Punjabi	75	25	100
BBA-102	Business Economics-I	60	40	100
BBA-103	Business Mathematics	60	40	100
BBA-104	Business Organization and			
	Management Principles-I	60	40	100
Practical Subject				
BBA-105	Workshop on computer applications		50	50
BBA-106	Seminar		50	50
SEMESTER-II	-2. 0.50 200.0			
BBA-201	Communication Skills in	1022	2.2	222
	Punjabi/Elementary Punjabi	75	25	100
BBA-202	Communication Skills in English	60	40	100
BBA-203	Business Economics-II	60	40	100
BBA-204	Business Statistics	60	40	100
BBA-205	Business Organization and			
	Management Principals-II	60	40	100
Practical Subject				
BBA-206	Workshop on Internet & E-commerce		50	50
BBA-207	Seminar		50	50
BBA-208	Viva-Voce	100		100
SEMESTER-III				
BBA-301	Principles of Human Resource Management	60	40	100
BBA-302	Business Accounting	60	40	100
BBA-303	Principles of Marketing Management	60	40	100
BBA-304	Business Laws	60	40	100
BBA-305	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-306	Workshop on Contemporary Business Issues		50	50
BBA-307	Seminar on Knowledge Management		50	50
SEMESTER-IV				
BBA-401	Financial Management	60	40	100
BBA-402	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-403	Workshop on Creativity & Innovation		50	50
BBA-404	Seminar on Entrepreneurship		50	50
BBA-405	Viva- Voce	100		100

DDA-203	Business Organization and			
	Management Principals-II	60	40	100
Practical Subj	ect			
BBA-206	Workshop on Internet & E-commerce		50	50
BBA-207	Seminar		50	50
BBA-208	Viva-Voce	100		100
SEMESTER-I	ш			
BBA-301	Principles of Human Resource Management	60	40	100
BBA-302	Business Accounting	60	40	100
BBA-303	Principles of Marketing Management	60	40	100
BBA-304	Business Laws	60	40	100
BBA-305	Punjabi Compulsory	40	10	50
Practical Subj	ect			
BBA-306	Workshop on Contemporary Business Issues		50	50
BBA-307	Seminar on Knowledge Management		50	50
SEMESTER-I	V			
BBA-401	Financial Management	60	40	100
BBA-402	Punjabi Compulsory	40	10	50
Practical Subj	ect			
BBA-403	Workshop on Creativity & Innovation		50	50
BBA-404	Seminar on Entrepreneurship		50	50
BBA-405	Viva- Voce	100		100

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Workshop on Time and Workload Management ---

Choose any of the one Functional Area as Major and Minor

# **B.Sc.** (Computer Science)

**Under Graduate Courses** 

Eligibi	lity: 10+2 (Non-Med	tical) Pass				SEME	ESTER-III				
			1	Physics-A	Statistical Physics and Thermodynamics-I	30	10	40			
JOB O	PTIONS					2	Physics-B	Optics	30	10	40
1)	IMA Indian Military	Acadamy				3	Physics-C	Quantum Mechanics-I	30	10	40
1)						4	Practical	Physics Practical Lab.	22	8	30
2)	Air force (Pilot, Tra					5	MathsA	Advance calculus	36	14	50
3)	Navy (Ground Duty	Officer)				6	MathsB	Analysis-I	36	14	50
4)	Bank(Clerical/PO)					7	MathsC	Mechanics-I	36	14	50
5)	SSB/PSPCL/PSTCI					8	Computer (Theory)	C programmin & Data base structures	60		60
6)	Computer Programm					9	Computer(Pract.)	Lab-I C programmin & Data base structures	40		40
1050		ner/mstructor				10	Punjabi	Punjabi	75	25	100
7)	Tutor					11	English	Comm. Skills	75		75
8)	Police Dept.(ASI/In										
9)	Punjab Prisons (Dep	outy Supdt.)				SEME	ESTER-IV			2.47	
10)	PCS					1	Physics-A	Statistical Physics and Thermodynamics-II	30	10	40
11)	IAS/IPS/IFS					2	Physics-B	Optics	30	10	40
		Mathematics as of B.Sc. Non-Med	tical along v	rith one e	ubject of	3	Physics-C	Quantum Mechanics-II	30	10	40
			aicai aiong v	vitil One s	doject of	4	Practical	Physics Practical Lab.	22	8	30
Compu	ter application as follo	wing in each year.				5	MathsA	Vector calculus	36	14	50
						6	MathsB MathsC	Analytic-II Mechanics-II	36 36	14 14	50 50
C M-	California Description		For Mode	T A	TMode	8		Data Base management Systems	60	14	60
S. No.	Subject Paper		Ext. Marks	Int. Ass.	1.Marks	9		Lab-Data Base management Systems	40		40
SEME	STER-I					10	Punjabi	Punjabi	75	25	100
1	Physics-A	Mechanics-I	30	10	40	11	English	Comm. Skills	75		75
2	Physics-B	Vibration and Waves-I	30	10	40	12	Environment	Environment	70	30	100
3	Physics-B	Electricity and Magnetism-I	30	10	40		Liiviioiiiieii				
4	Practical	Physics Preacical lab.	22	83	05	SEME	ESTER-V				
5	MathsA	Calculus	36	14	50	1	Physics-A	Condensed Matter Physics-II	30	10	40
6	MathsB	Differential equation	36	14	50	2	Physics-B	Electronics And Solid State Devices-II	30	10	40
7	MathsC	Co-ordinate geometry	36	14	50	3	Physics-C	Nuclear and Particle Physics-I	30	10	40
8	Computer(Theory)	Fundamentals of information				4	Practical	Physics Preacical Lab.	22	8	30
		Technology & MS Office	45	15	60	5	MathsA	Algebra-I	36	14	50
9	Computer (Pract.)	Lab-Fundamentals of information			000	6	MathsB	Discrete-I	36	14	50
		Technology & MS Office	40		40	7	MathsC	Mathematic method -I	36	14	50
10	Punjabi	Punjabi	75	25	100	8	Computer (Theory)	Object Oriented Programming Using C++	60		60
						9		Lab-Object Oriented Programming Using C++	40		40
SEME	STER-II					10	Punjabi	Punjabi	75	25	100
1	Physics-A	Mechanics-II	30	10	40	CENT	OCTOD AT				
2	Physics-B	Vibration and Waves-II	30	10	40	SEMI	ESTER-VI	G-1IM	20	10	10
3	Physics-C	Electricity and Magnetism-II	30	10	40	1	Physics-A	Condensed Matter Physics-II	30	10	40
4	Practical	Physics Practical Lab.	22	8	30	3	Physics-B Physics-C	Electronics And Solid State Devices-II	30	10 10	40 40
5	MathsA	Algebra -II	36	14	50	1	Practical	Nuclear and Particle Physics-II Physics Preatical Lab.	30 22	8	30
6	MathsB	Partial differential equation	36	14	50	5	MathsA	Algebra-II	36	14	50
7	MathsC	Analytic geometry	36	14	50	6	MathsB	Discrete-II	36	14	50
8		Windows and office Automation	45	15	60	7	MathsC	Mathematic method -II	36	14	50
9	Computer(Pract.)	Practical	40		40	8		Introduction to computer networking and	20		
10	Punjabi	Punjabi	75	25	100		companer (Theory)	, to temporal neuronang and			



### CAREER ORIENTED COURSES/ADD ON COURSES.

CAREER ORIENTED COURSES/ ADD ON COURSES.

The add-on programs are a result of moves made by the University Grants Commission (UGC), the vocationalization programme have been at the undergraduate level with flexible system of certificate/ diploma/advanced diploma programs, which would run in parallel with conventional undergraduate and graduate degrees.

The objective of this course is to bring about an improvement in the learners' language skills, both qualitatively and quantitatively. Greater emphasis will be laid on speaking but the other related language skills such as listening reading and writing too will receive focus so as to make the learners' communicative ability more effective and impressive. SPOKEN ENGLISH

INFORMATION TECHNOLOGY Teachers and administrators use computer and information technologies to improve their roles in the educational process. Using computer tools to streamline record keeping and administrative tasks, thereby helping to free up time for instruction or professional development .Decreasing isolation by using e-mail and the Internet to communicate with colleagues, parents, and the outside world, and Increasing professional development activities by taking distance education courses, accessing educational research, and accessing classroom materials such as lesson plans.

Organic farming is a technique, which involves cultivation of plants and rearing of animals in natural ways. This process involves the use of biological materials, avoiding synthetic substances to maintain soil fertility and ecological balance thereby minimizing pollution and wastage. It relies on ecologically balanced agricultural principles like crop rotation, green manure, organic waste, biological pest control, mineral and rock additives. Organic farming make use of pesticides and fertilizers if they are considered natural and avoids the use of various petrochemical fertilizers and pesticides.

ORGANIC FARMING

#### KEY FEATURES OF ORGANIC FARMING

- · Protecting soil quality using organic material and encouraging biological activity
- · Indirect provision of crop nutrients using soil microorganisms
- Nitrogen fixation in soils using legumes
- Weed and pest control based on methods like crop rotation, biological diversity, natural predators, organic manures and suitable chemical, thermal and biological intervention
- · Rearing of livestock, taking care of housing, nutrition, health, rearing and breeding
- · Care for the larger environment and conservation of natural habitats and wild life



# T.V. & VIDEO PRODUCTION

#### T.V. AND VIDEO PRODUCTION

Television and video production techniques are constantly evolving and with new media, such as online television, gaining in popularity there are many opportunities for talented and properly-prepared graduates to begin a career in production, directing, editing, camera operation, sound recording, live vision mixing and floor management. Transferable skills in TV editing and research; production management; and online content creation can also be applied to new media and advertising, as well as to teaching or research. This course aims aims to provide students with the skills and knowledge to take advantage of these opportunities

### FEE STRUCTURE FOR VARIOUS COURSES

Class	Semester Fee	Sanctioned Seats
M.Sc Biotech	20000/-	30
M.Sc Math	15000/-	30
M.Com	15000/-	30
M.Sc(IT)	13000/-	30
M.Sc(IT)LE	13000/-	30
PGDCA	9500/-	30
PGDJMC	9500/-	30
B.Com	14750/-	60
B.Sc Biotech	14250/-	40
BCA	13000/-	40
BBA	13000/-	50
B.Voc Food Processing	10000/-	50
B. Voc Retail Management	10000/-	50
B.Voc (Others)	7250/-	50 each
B.Sc. (CA)	8450/-	Open
B.Sc. (NM)	8950/-	Open
BA	7250/-	Open
MLT	7250/-	50



### INSTRUCTIONS

- Fee can be paid maximum in three installments, 50% at the time of admission and other two installments shall be of 25% each.
- Examination fee is extra as per Punjabi University Patiala.
- Rs 1000/- concession given to students who shall pay full fee at the time of admission.

### INDUSTRY INSTITUTE PARTNERSHIP PROGRAM

### In order to promote the IIP coordination and improve the industrial consultancy following activities are taken up.

- 1. Arranging industrial visits to students and faculty.
- 2. Inviting industry experts to deliver lectures in symposia, seminars and conferences.
- 3. Signing MoUs with industries and organizations for fruitful interaction.
- Conducting training programmes.
- 5. Taking up industry oriented applied projects for final year UG and PG students.
- 6. There are 7 MoUs signed in order to strengthen the interaction.



### PROMOTION OF EQUITY

### SOCIAL INCLUSIVE PRACTICES

#### Equal Opportunity Cell (EOC),

The Equal Opportunity Cell (EOC), of Bela College has been established in March,2016 with the aid of UGC and it is dedicated towards ensuring that persons from across communal, regional and religious spectrums are able to access our pedagogical and extra-curricular resources and infrastructures with safety and dignity, and towards promoting diversity and inclusivity within and without the college. Hence, the EOC works for affirmative action amongst and for differently-abled persons, persons from SC, ST and OBC categories, persons from minority religions, persons from the North-East and JK. To this effect, the EOC organises workshops on pedagogical sensitivity in relation to socio-political discrimination for the teaching staff; workshops, lectures and interactive events against discrimination of all kinds for the student community at large; encourages greater admission of persons from aforementioned communities in the student body; acts as a facilitator for resources and support which persons from aforementioned communities might need for a safer and equitable access to our resources and infrastructure; and works with other statutory college bodies, such as the Women's Development Cell, the Remedial Coaching Cell, and the Enabling Committee for Persons with Disabilities. The EOC is chaired by a member of the teaching staff and staffed by volunteers drawn from across the student community.

#### REMEDIAL COACHING

Education is meant not only to nurture the excellence in a gifted person but also to uplift the not-so-gifted people, so that he/she could safeguard their interest in our democratic country. According to our constitution, SCs and STs are recognized as the most backward groups who need special protections. In order to enable students belonging to ST/ST/OBC (non-creamy layer)/Minority communities who need remedial coaching to come up to the level for pursuing higher studies efficiently and to reduce their failure and drop out rate, the UGC has provided us a financial assistance for conducting special classes out side the regular time table during the twelfth plan. The physically challenged students and the students who are general candidates coming from families with income below the poverty line (as guided by the State/UT/Central Government) are exempted from paying the fee.

#### UGC/NET COACHING CENTRE

The UGC Coaching Centre for SC, ST Minorities and OBC students (Non-Creamy layer) is going to start from this session. The centre shall offers coaching to the students under UGC coaching schemes (XII plan). The coaching classes shall commence on holidays ,Saturdays and Sundays by both internal and external resource persons. Each batch as a unit carries minimum of 25 numbers of students according to the UGC- guidelines. The coaching classes are scheduled in the morning session In addition to this, study materials shall also be provided to the students for their convenience.

#### **HUMAN RIGHTS EDUCATION**

To disseminate the human rights awareness in the society, the College has started Certificate Course in Human Rights and Duties under UGC Scheme (Human Rights Education). The UGC Scheme is for five years under XII Plan. The frequency of the Certificate Course is as per Punjabi University, Patiala norms. The foundation course will aim at making the learners acquire conceptual clarity and develop respect for human rights norms and values, and make the learners sensitive to the weaker and the vulnerable sections of society. A full understanding of international and national standards and mechanism for realization and enforcement of rights will be promoted. It will include awareness of civil society organizations and rights movements for promoting human rights. The foundation course shall be meant for undergraduate students of all disciplines. Special effort shall also be made to encourage and promote human rights awareness among professional groups

### **DIFFERENT CELLS / GOVERNANCE SYSTEM**

IQAC
 Antiragging Committee
 Grievance Redressal cell
 UGC Network Resource Centre
 Purchasing Committee
 Library Advisory Committee
 IT Society, BT Club
 Evaluation Reforms Committee





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.







College managing committee felicitation Dr. Satwant Kaur Shahi for getting a research project of amount 24.22 Lakhs from Defense Research and Development Organization (DRDO)



**Dr. Mamta Arora**Enhancing Soft Skills
& Personality



Dr. Satwant Kaur Shahi
Professional Scientific
Communication



A. Prof. Manpreet Kaur Human Molecular Genetics



**Dr. Baljit Singh**A Brief Course on
Super Conductivity



Dr. Parvinder Kaur
Bio-informatics
Algorithms & Applications



A. Prof. Roohi Tissue Culture Technology



A. Prof. Navreet Health Research Fundamental



A. Prof. Jaspreet Kaur Tissue Culture Technology

# **TRAINING & PLACEMENT CELL**

### " We Shape Those Who Shape The World "

#### **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.



Nitish Chauhan Supreme Agro Foods Pvt. Ltd (Uttam)



Dilpreet Singh Microbiologist Onyx Biotechnology Pvt. Ltd.



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.

#### AIM OF NCC

- To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country.
- 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.









Banpreet Kaur B.Com-I (1st in Firing at Annual Training Camp)









Not me But You

### **Activity Forum**

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

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.

### S P O R T S A C H I E V E M E N T S



Banpreet Kaur (B.com-3)

All India Intervarsity

Silver and Bronze Medalist in Swimming





**Inauguration Ceremony** 















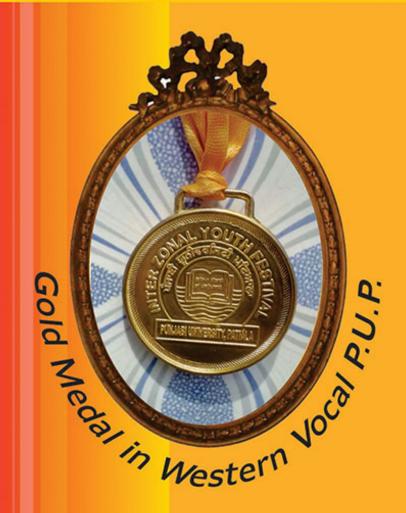
# SPORTS ACHIEVEMENTS

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.



### **CULTURE ACHIEVEMENTS 2019-20**















# **Scholarships for Students**

S. NO	Type of Scholarship	Eligibility	Contact
1. Post Matric Scholarship Scheme to SC		Scholarship will be awarded to the students who have secured not less than 50% marks or equivalent grade in the previous final examination and the annual income of whose parents/guardian from all sources does not exceed Rs.2 lakh.	www.dpipunjab.org punjabscholarships.gov.in
		Scholarships will not be given to more than two students in a family	
2.	Post matric Scholarships to OBC	Employed students whose income combined with the income of their parents/guardians does not exceed Rs. 1.00 Which per annum shall be eligible for post-matric scholarships.	
3.	Extra Benefits to girls belonging to the Scheduled Castes	The girls belonging to the Scheduled caste whose parents annual income does not exceed Rs. 60965, Shall be given an extra benefit of Rs. 50/- per month at under graduate level and Rs. 60/- per month at post graduate level.	www.dpipunjab.org punjabscholarships.gov.in
4.	State Merit Scholarships Scheme	His annual family income of the beneficiary/parent or guardian of the beneficiary should not exceed Rs.2.50 lakh per annum	
5.	Scholarships to the children of riot victims  scholarship is given to the children of riot affected families for the year 1984@ Rs. 100/- per month.  These scholarships are given to the Matric pass and after that renew this scholarship for four years.  There is no income limit under this scheme.		
6.	Post-Doctoral Fellowship for Women	then cream.	
7.	Maulana Azad National Fello- wship For Minority Students	In order to qualify for the award of JRF/ SRF the UGC norms would be applicable at pre-M.Phil and pre-Ph.D stage, respectively, including the minimum score of 50% at post graduate level.	www.ugc.ac.in/manf
8.	Rajiv Gandhi National Fellowship for SC/ST Candidate  The candidate should belong to SC/ST and should have passed the Post Graduate examination. The selection will be made on the basis of merit of the candidates. The candidate must get himself/herself registered for M.Phil./Ph.D at the first available opportunity but not later than within a period of two years from the receipt of award letter		www.ugc.ac.in/rgnf
9.	Swami Vivekananda Single Girl Child Scholarship for Research in Social Sciences  Any single girl child who happen to be a only child or twin daughter or fraternal daughter in the family, if one son and one daughter is available then girl child will not be considered for scholarship under the scheme.  ii) The scheme is applicable to such a single girl child who has taken admission in regular, full-time 1st year Masters Degree course in any recognized university or a post graduate college.  iii) This scholarship is available to PG-I year student only.		www.ugc.ac.in/svsgc
10.	Rajiv Gandhi National Fellowship for Students with Disabilities	Any student with disabilities who has been admitted to M.Phil./Ph.D. degree in a University or academic institution by completing the required formalities for admission in that University or academic institution is eligible for the award of Fellowship, subject to provision of the scheme as per the advertisement of UGC. The candidate must get himself/herself registered for M.Phil/Ph.D at the first available opportunity but not later than within a period of two years from the receipt of award letter. This period is not extendable. However, the actual payment of fellowship will be made with effect from the date of joining only.	www.ugc.ac.in/rgnfd

# **Scholarships for Students**

S. NO	Type of Scholarship	Eligibility	Contact
11. Post-Graduate Merit Scholarship For University Rank Holders For PG Programs		There is a need to modernize our higher education system, and equally important to continuously attract young and talented students to pursue higher education. It is being increasingly observed that the brighter lot is not pursuing Post-Graduate education in our institutions of higher learning. To emerge as a powerful nation, there is an urgent need to bring in talented boys and girls in the field of Post-Graduate education by way of providing them good incentives in the form of scholarships. The UGC, therefore, introduced a Post-Graduate Merit Scholarship Scheme for University UG rank holders	www.ugc.ac.in/urh
12.	National Fellowship for OBC Candidate  The UGC has been implementing the scheme of National Fellowship (NF) Scheme for Other Backward Classes (OBC) as entrusted & funded by Ministry of Social Justice & Empowerment, Govt. of India, New Delhi. The scheme is open to candidates who belong to Other Backward Classes (OBC) and wish to pursue higher studies such as regular and full time M.Phil. and Ph.D degrees in Sciences, Humanities, Social Sciences and Engineering & Technology.		www.ugc.ac.in/nfobc/
13.	Indira Gandhi Scholarship for Single Girl Child	Any single girl child of her parents. In a family if one son and one daughter is available then girl child will not be considered for scholarship under the scheme.  ii) The scheme is applicable to such a single girl child who has taken admission in regular, full-time 1st year Masters Degree course in any recognized university or a post graduate college.	www.ugc.ac.in/sgc
15.	Central Sector Scholarship scheme Scholarship for college and university students	From top 20% on the Basis of the results of senior secondary examination, 41000 Girls and Boys total 82000 are selected from each of State boards Age group 18-25 year Family income less than 6 lakh per annual	www.mhrd.gov.in/.scholarship
16.	Scholarship to students from Non-Hindi Speaking state for Post Matric Studies in Hindi Scholarships to the children of riot victims	Hindi Speaking state for Matric Studies in Hindi arships to the children  Speaking States/Union Territories will be eligible for the scholarship.	
17.	Sita ram jindal foundation 1. B.A., B.Com, B.Sc., BFA, BCA, BBA, BBM, Bachelor of Business Economics  i) General Category a) Girls b) Boys Boys@65% Girls@55% marks For Cat 'B' ITI Students - No Income Certificate will be required.		www.sitaramjindalfoundation.org
18.	Saini Scholarship Scholarships/Stipends To Brilliant & Needy Students	Scholarship will be awarded to the students who have secured not less than 70% marks or equivalent grade in the previous final examination and the annual income of whose parents/guardian from all sources does not exceed Rs. 3 lakh.	www.sainibhawan.org

These Scholarships are offered by respective Organizations / Govt. Departments as mentioned above, therefore Students have to follow their Rules & Regulations.

# **SCHOLARSHIPS FOR STUDENTS BY STAKEHOLDERS**

Sr. No.	SCHOLARSHIPS	QTY.	FROM
1	Late S. Chatar Singh Memorial Scholarships	3	Sardarni Rajbans Kaur
2	Late S. Inderjeet Singh Memorial Scholarships	2	Sardarni Rajbans Kaur
3	S. Jaimal Singh Bhairo Majra Memorial Scholarship for Gursikh Student	1	S. Sangat Singh Longia
4	Smt. Dalbir Kaur W/o. S. Parduman Singh Memorial Scholarship	1	Ms. Shenaz Singh
5	S. Gurbachan Singh Ex-MLA Memorial Scholarship for topper students	1	S. Sukhwinder Singh Whisky
6	Sardarni Tej Kaur W/o. S. Gurbachan Singh Ex-MLA for best player	1	S. Sukhwinder Singh Whisky
7	Sardarni Davinder Kaur Memorial Scharorship	1	S. Sukhwinder Singh Whisky
8	S. Bakhtawar Singh Memorial Scholarships	2	S. Gian Singh Bela
9	Scholarship in the Memory of Father	1	S. Didar Singh Chamkaur Sahib
10	S. Gurbachan Singh Memorial Scholarship for poor student	1	S. Darshan Singh Balrampur
11	Bibi Amar Kaur Memorial Scholarship	1	S. Balwinder Singh USA
12	Scholarship in the Memory of Father for poor Student	1	Sh. Jaswant Rai Thekedar
13	Smt. Pritam Kaur W/o. S. Maan Singh Retd. Niab Tehsildar Shekhupur Memorial Scholarship	1	S. Jasvir Singh Ropar
14	S. Maan Singh Retd. Niab Tehsildar Shekhupur Memorial Scholarship	1	S. Jasvir Singh Ropar
15	S. Gurdial Singh Memorial Scholarship	1	Principal S. Surmukh Singh
16	S. Maan Singh Kang Memorial Scholarship	1	Prof. Satwant Kaur Shahi
17	Smt. Darshna Papneja Memorial Scholarship	1	Prof. Mamta Arora
18	Late S. Gurdeep Singh Goggi Memorial Scholarship	1	By Friends
19	S. Ranjodh Singh & Brothers Scholarship for Needy Students	1	Dr. Kuldeep Singh
20	S. Mohinder Singh Memorial Scholarship for Poor Students	1	S. Kamaljit Singh Laadi

# **CONTACT DETAILS OF H.O.D.'s**

CHEMISTRY

Dr. Satwant Kaur Shahi 98156-20645 PHYSICS

Dr. Baljeet Singh 98149-26827 BIOTECHONOLOGY (P.G. Deptt.)

FOOD PROCESSING (U.G. Deptt.)

Dr. Mamta Arora 94630-27367

COMPUTER SCIENCE (P.G. Deptt.)

A.P. Rakesh Joshi 97808-86854 COMMERCE (P.G. Deptt.)

A.P. Ishu Bala 78372-50100 MANAGEMENT & RETAIL MANAGEMENT

> A.P. Gurlal Singh 97819-89672

MATHS (P.G. Deptt.)

A.P. Charu Mitra 94632-58841 HUMANITIES

A.P. Sunita Rani 99887-35295 **PUNJABI** 

Dr. Harpreet Kaur 95016-99033

### COMMUNITY SERVICE PROGRAMME/UBA

Value based education is the major focus of this institution. Apart from imparting basic knowledge and skill based education, greater emphasis is laid on inculcating human values in students to make them better citizens through community work.

Participating in community service not only makes a difference to the institute and people being served, but also makes a difference to every student's career prospects. Participating in community service activities can have a lot of positive effects on students, such as, to develop civic and social responsibilities, skills, service, humanity, self-discipline, better understanding of the value of the teamwork, decision making skills, gain of practical skills, time management and finding solution for problems. In other words, these activities improve their communication and social skills while enhancing their awareness level.

Our institute has adopted six rural villages, namely Bela, Jattana, Pirozpur, Bharonmajra, Manjitpura and Balrampur under Unnat Bharat Abhiyan, which is a centre government Scheme. Under this scheme, teachers and students of this institute have organized different awareness programmas and activities in adopted villages to aim at the social issues and holistic development of the students and the community. These programmes help to establish understanding between the rural community and the student/college. Following are the many ways in which the institution promotes student/teacher involvement in community work:

- Awareness rallies against social evils.
- Blood donation camps
- Cycle rally against drug abuse
- Orientation of students and staff for eco-friendly plantation drives and environmental conservation and issues like stubble burning.
- Extension lectures on drug abuse, gender sensitization, women empowerment, health and hygiene, traffic rules, cleanliness etc.
- Students visit to old age home and other shelters for the deprived.

# **COMMUNITY SERVICE PROGRAMME/UBA**



One Week Awareness Programme on Social Issues and Holistic Development



One Week Awareness Programme on Health & Environment

### IT SOCIETY (DEPARTMENT OF COMPUTER SCIENCE)



The <u>IT SOCIETY</u> was founded in August 2011. FOR Keeping the overall development of students in consideration, the department has formed a student association under the title "IT Society" to organize co-curricular activities and various events with the guidance of faculty.

The main aim of this group of students is to create awareness about the latest happening in the field of computer science and create a sense of responsibility by organizing various events in the department.

### AIMS & OBJECTIVES OF ASSOCIATION:-

- **❖** To enrich the knowledge and awareness in the field of Computer Science.
- ❖ To develop the leadership skills and inculcate a sense of responsibility among the members of association.
- To create the spirit of team work among the students.

### **ACTIVITIES OF SOCIETY**



Prize Distribution of Departmental Quiz Competition 2018-19



IT Society members evaluating answer sheets

### STUDENT FOOD ASSOCIATION

### **OBJECTIVES:**

- The main objective of the association to spread awareness among students regarding food processing, food industry and enhancement of skills to attain better jobs and opportunities.
- To educate members of the association and students on various issues related to the basic democratic rights of citizens on food, nutrition, and healthy environment.
- 3. To organize seminars, symposium and meeting from time to time relating student welfare.
- Assisting members to get training opportunities.
- 5. Assisting food industries in research and development.





# ਕਰੂੰਬਲਾਂ ਪੰਜਾਬੀ ਸਾਹਿਤ ਸਭਾ



### ਮਕਸਦ:-

- ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਨਾਲ ਜੋੜਨਾ।
- ਸਭਿਆਚਾਰ ਨਾਲ ਜੋੜਨਾ।
- ਅਲੋਪ ਹੋ ਰਹੀਆਂ ਰੀਤਾਂ ਰਸਮਾਂ ਬਾਰੇ ਜਾਣੂ ਕਰਾਉਣਾ।
- 4. ਅਲੋਪ ਹੋ ਰਹੀਆਂ ਖੇਡਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣੀ।
- 5. ਅਲੋਪ ਹੋ ਰਹੇ ਪਹਿਰਾਵੇ ਨੂੰ ਪੁਨਰ ਸੁਰਜੀਤ ਕਰਨਾ।
- ਚੰਗੇ ਸਾਹਿਤਕਾਰ ਪੈਦਾ ਕਰਨਾ।
- ਚੰਗੇ ਵਕਤਾ ਪੈਦਾ ਕਰਨਾ।
- ਸਮਾਜ ਸੇਵਾ ਦੀ ਭਾਵਨਾ ਪੈਦਾ ਕਰਨਾ।
- 9. ਦੇਸ ਪ੍ਰੇਮ-ਲਿਆਉਣਾ।
- 10. ਸਾਫ-ਸੁਥਰੇ ਸਮਾਜ ਦੀ ਸਿਰਜਣਾ ਕਰਨੀ।



### SAPTA SINDHU HUMANITIES ASSOCIATION



This association came into existence on 20-August-2018. Sapta Sindhu meaning seven rivers in Indian Mythology, often referred to in Rigveda and in zend Avesta.

#### Aims and objectives:

The aim of Sapta Sindhu Humanities Association is to encourage students to gain and develop knowledge, conceptual understanding, research skills, analytical and interpretive skills and comunications skills. Humanities aims to encourage students to respect and understand the world around them and provide a skills base to facilitate further study and enable the students to develop

- An inquiring mind
- Awareness and understanding of people, cultures and events in a variety of places at different times
- An Awareness of the connection with other subjects
- A life long interest in and enjoyment of Humanities.





## **BIOTECH ASSOCIATION**

**Biotech Association** has been formed by the faculty members and students of Biotechnology department of A.S.B.A.S.J.S Memorial College with an aim of instilling creativity and scientific knowledge along with its practical implications to the young scholars of the department in order to attain overall academic distinction.

### **OBJECTIVES:**

- 1) To create awareness about the scope and latest developments in the field of biotechnology.
- 2). To provide a platform to nurture communicative abilities of young scholars and to keep them connected.
- 3). To organize various events, contests and seminars for students to exhibit skills, explore ideas and build confidence.







### ASSOCIATION OF MANAGEMENT DEPARTMENT

## BRAIN DRAIN CREW



#### INTRODUCTION:

The association BRAIN DRAIN CREW was founded in July 2013. This association was founded to enrich the knowledge and awareness in the field of 'MANAGEMENT' through various activities like: Quiz competition, Group discussion and many more and to develop the spirit of team work among the students.

#### AIMS & OBJECTIVES OF ASSOCIATION:-

- > To enrich the knowledge and awareness in the field of 'MANAGEMENT' through various activities like: Quiz competition, Group discussion and many more.
- To develop the spirit of team work among the students.
- > To develop the leadership skills and sense of responsibility among the students.
- To enhance their understanding and appreciation of diversity.
- To allow members to gain personal and professional skills in the area of leadership development.
- > To give the students a chance to become a good leader in future.

### **ACTIVITIES OF BRAIN DRAIN CREW**



1<sup>st</sup> meeting of the association Brain Drain Crew for Session 2018-19 was held on 25<sup>th</sup> July 2018



Seminar on social media held on 5 September 2018



Group discussion on 16 November 2018

### **ENGLISH ASSOCIATION**

### AIMS OF ASSOCIATION

- IT OFFERS A COMPETING PLATFORM FOR THE KNOWLEDGE-HUNGRY.
- IT PROMISES TO CULTIVATE A PASSION FOR DEBATING, CREATIVE WRITING LITERATURE EDUCATION ETC/AMONG THE STUDENTS.
- INSPIRED ROOTS
- IT INCREASES DAILY AWARENESS AND HELPS TO BOOST POSITIVE HABITS LIKE READING AND INDEPENDENT RESEARCH.
- IT BUILDS BENEFICIAL SKILLS THAT ARE MUCH NEEDED IN VARIOUS WORK PLACES.
- IT HELPS TO PREPARE STUDENTS WORK IN A GLOBAL COMMUNITY BY TEACHING THEM SOCIAL, POLITICAL AND MORAL ISSUES.





### STUDENT FOOD ASSOCIATION

### **OBJECTIVES:**

- The main objective of the association to spread awareness among students regarding food processing, food industry and enhancement of skills to attain better jobs and opportunities.
- To educate members of the association and students on various issues related to the basic democratic rights of citizens on food, nutrition, and healthy environment.
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- 10. ਸਾਫ-ਸੁਥਰੇ ਸਮਾਜ ਦੀ ਸਿਰਜਣਾ ਕਰਨੀ।



