



**Amar Shaheed Baba Ajit Singh**



# Amar Shaheed Baba Jujhar Singh



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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 on 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)

## *Message*

*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 ASBASJM 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.*

*ASBASJM 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 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 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)

## *Message*

*"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/NET Coaching 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*



**Prof. Surmukh Singh**  
Principal

## Message

*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*

## COLLEGE MANAGEMENT COMMITTEE

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



**Prospectus Releasing Ceremony**



**Dr. Sumeet Jaranagal  
Deputy Commissioner  
Rupnagar during  
Green Ceremony**

SHAD SHAR



**Inauguration Ceremony of Bridge courses**



**Awareness Programs**



**Ropar Zonal Youth Festival 2018-19**



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



**Felicitation Ceremony**



## COLLEGE LOGO

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 enlightenment. It means knowledge is power.

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

## OUR MISSION

"The mission of A.S.B.A.S.J.S.M. College is to provide opportunities to the rural youth for educational, professional, social and cultural development to the people of all abilities and backgrounds so that they can discover their potential and fulfill their aspirations."

## OUR VISION

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

## 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)
- Govt. Aided since 1978
- Under 2(f) 12(B) scheme of UGC since 1981
- Non-Profitable Organization managed by local Managing Committee
- Free personality development & Spoken English Classes
- Remedial coaching
- 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.
- Excellent Library Facilities with Latest Professional Books & Journals.
- Computer Lab. with round the clock Internet Facility.
- Modern methods of Teaching & Learning.
- Medicinal Garden.
- Healthy and Conducive Campus Environment for Effective learning.
- Multifaceted Development of students through co-curricular 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



DISTRICT JOB FESTIVAL IN BELA COLLEGE



INAUGURATION CEREMONY OF FACULTY DEVELOPMENT PROGRAM

CELEBRATED 26TH JANUARY IN COLLEGE CAMPUS



NATIONAL SCIENCE DAY



International Language Day Celebrated in the College



CYCLE RALLY ON AWARENESS AGAINST DRUG ADDICTION



BLOOD DONATION CAMP



SPORTS DAY



ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਵਿਖੇ ਹੋਏ ਅੰਤਰ ਜ਼ੇਨਲ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਵੈਸਟਰਨ ਮਿਊਜ਼ਿਕ ਵੇਕਲ ਵਿੱਚੋਂ ਪ੍ਰਥਮ ਸਥਾਨ (ਗੋਲਡ ਮੈਡਲ) ਹਾਸਲ ਕਰਨ ਵਾਲਾ ਵਿਦਿਆਰਥੀ ਅਮਨਦੀਪ ਸਿੰਘ।



ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਵਿਖੇ ਹੋਏ ਅੰਤਰ ਜ਼ੇਨਲ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਵੈਸਟਰਨ ਮਿਊਜ਼ਿਕ ਵੇਕਲ ਵਿੱਚੋਂ ਪ੍ਰਥਮ ਸਥਾਨ (ਗੋਲਡ ਮੈਡਲ) ਹਾਸਲ ਕਰਨ ਵਾਲਾ ਵਿਦਿਆਰਥੀ ਅਮਨਦੀਪ ਸਿੰਘ।



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



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਭੰਗੜੇ ਵਿੱਚ ਤੀਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਨੁੱਕੜ ਨਾਟਕ ਵਿੱਚ ਦੂਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



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



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਲੋਕ ਗੀਤ ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਦੂਸਰਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਮਸੀਕਰੀ ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਪਹਿਲਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਪੀੜੀ ਬਨਾਉਣ ਦੇ ਮੁਕਾਬਲੇ ਵਿੱਚ ਪਹਿਲਾ ਸਥਾਨ ਪ੍ਰਾਪਤ ਕੀਤਾ।



ਰੋਪੜ ਜ਼ੋਨ ਦੇ ਖੇਤਰੀ ਯੁਵਕ ਮੇਲੇ ਦੌਰਾਨ ਭੰਡ 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

## 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. Amarjit Singh (DPE)

## 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

## LIBRARY DEPARTMENT

Smt. Kulwinder Kaur

Smt. Nisha

Sh. Arshdeep Pal Singh

## OFFICE STAFF

Sh. Ashok Kumar (Sr. Supdt.)

Smt. Jasvir Kaur (Supdt.)

Sh. Gurdeep Singh (Senior Clerk)

Sh. Khalil Mohammad (Clerk)

## 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

## 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)	Equipment for teaching and Learning	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 :

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

### BANK FACILITY:

Students can utilize facilities of State Bank of 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

<b>Summer Break</b>	<b>25/07/2019 to 06/07/2019</b>
<b>Winter Break</b>	<b>26/12/2019 to 10/01/2020</b>
<b>Date of Opening of College</b>	<b>08/07/2019</b>

## 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

\* Admission Schedule for Post Graduate Diploma in Journalism & Mass Communication will be as per Punjabi University Patiala, Norms. (\* [www.punjabiuniversity.ac.in](http://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

30

M.Com

30

M.Sc. (Biotechnology)

30

M.Sc. (Mathematics)

30

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

30

PGDCA  
Post Graduate Diploma  
in Computer Application

30

PGDJMC  
Post Graduate Diploma in Journalism  
and Mass Communication (PGDJMC)



*Sophisticated  
Instrumentation  
Labs.*



*Automated  
Library*



*Hi Tech  
7-Computer  
Labs.*



*Ultramodern  
Well Equipped  
Labs.*



# 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 development
- To equip the students for seeking suitable employment and entrepreneurshipability
- To impart knowledge and develop understanding of research methodology and its application
- To study methods of Data Collection and its interpretations to develop communication and analytical skills in generalization of things, concepts and symbols used in business.

### ELIGIBILITY 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 1st 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, Probationary 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

#### SEMESTER-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)

##### GROUP (I): ACCOUNTING & MANAGEMENT

MC 105(i) Accounting Theory & International Accounting	70	30
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##### GROUP (II): FINANCE

MC 105(ii) Financial Management	70	30
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#### SEMESTER-II

	Theory	Internal Assessment
MC 201 Advance Accounting	70	30
MC 202 Business Environment	70	30
MC 203 Research Methodology & Statistical Techniques	70	30
MC 204 Seminar (Based upon current issues relating to Commerce)	50	

#### ELECTIVE PAPER (ANY ONE GROUP)

##### GROUP (I): ACCOUNTING & MANAGEMENT

MC 205(i) Management Information & Control System	70	30
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##### GROUP (II): FINANCE

MC 205(ii) Financial Institutions & Markets	70	30
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#### SEMESTER-III

	Theory	Internal Assessment
MC 301 Contemporary Auditing	70	30
MC 302 Corporate Legal Framework	70	30
MC 303 Direct Tax Laws	70	30
MC 304 Marketing Management	70	30

#### ELECTIVE PAPER (ANY ONE GROUP)

##### GROUP (I): ACCOUNTING & MANAGEMENT

MC 305(I) Project Management	70	30
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##### GROUP (II): FINANCE

MC 305(ii) Management of Financial Services	70	30
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#### SEMESTER-IV

	Theory	Internal Assessment
MC 401 Human Resource Management	70	30
MC 402 Fundamentals of Investment	70	30
MC 403 Banking and Insurance Services	70	30
MC 404 Corporate Tax Planning	70	30
MC 405 Comprehensive Viva-voce		50

#### ELECTIVE PAPER (ANY ONE GROUP)

##### GROUP (I): ACCOUNTING & MANAGEMENT

MC 405(I) Corporate Governance	70	30
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##### GROUP (II): FINANCE

MC 405(ii) International Finance	70	30
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*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 have been taken up by the Government of India. In the year 1986, the Department of Biotechnology (DBT) was set up under the Ministry of Science and Technology. This set up was a true boost to the developmental phase of biotechnology in India. Since then many Centres of Excellence were set up by the DBT in India to generate skilled manpower and to support the R&D sector of several private companies. Biotechnology can be used as an effective tool for food production, food storing, environmental conservation and preservation, development of important life saving drugs and vaccines etc and many more. It involves production of newer and viable products or developing older products into cheaper and more effective forms. With the value addition of biotechnology, today it engulfs many disciplines of science and technology. They include:

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



### Eligibility for M.Sc Biotechnology

1. The admission to first year in the course will be made as per Punjabi University, Patiala, guidelines.
2. 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.
3. 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.
4. 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.

1. Biotechnologists can find careers with pharmaceuticals companies, chemical, agriculture and allied industries.
2. They can be employed in the areas of planning production and management of bio-processing industries.
3. There is a large scale employment in research laboratories run by the government as well as the corporate sector.
4. 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.
5. They may find employment in specialized biotechnology companies such as pharmaceutical firms, food manufacturers, aquaculture and agricultural companies.
6. 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 theory paper I and II	100 Marks
Practical Paper II: Pertaining to theory paper III and IV	100 Marks
<b>Total</b>	<b>600 Marks</b>

# M.Sc. (Biotechnology)

## (Details of Academic Programs)

### Semester-II

#### Theory Papers

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





## Mathematics Venture



# 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
	MM 405(B)	SCIENCE and C-Programming
		SOFTWARE LABORATORY
		(C- Programming)

#### SEMESTER-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 (Any five of the following 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-I
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
Paper – II	MM 702	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
Paper – XIII	MM 713	NON LINEAR PROGRAMMING

# M.Sc. (I.T.)

## (Details of Academic Programs)

### 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.



	Univ. Exam Marks	Int. Ass. Marks
<b>Ist Year Semester-I</b>		
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
<b>Semester-II</b>		
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

### 2nd Year

#### 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
MS-224 Artificial Intelligence	75	25
MS-225 Programming Lab-VI (Computer Graphics)	75	25
MS-226 Programming Lab-VII (LINUX)	75	25

### CONTINUOUS ASSESSMENT (THEORY PAPERS)

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
Class Participation and behaviour	



# 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.

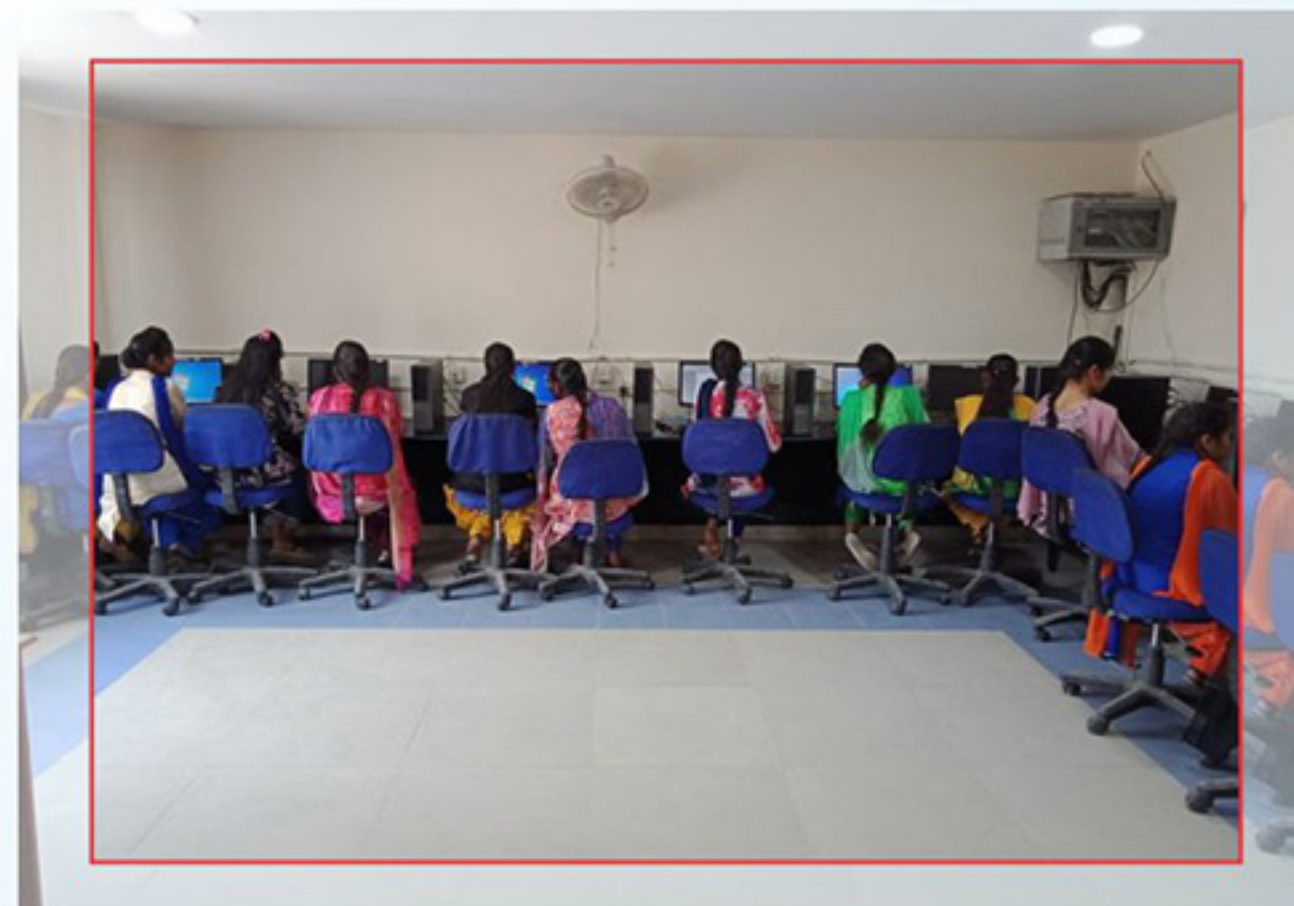
- |                                    |                                   |
|------------------------------------|-----------------------------------|
| - Application Programmer           | - Computer Information Specialist |
| - Computer Support Specialist      | - Information Architect           |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

- |                                 |                                |
|---------------------------------|--------------------------------|
| - Hardware and Network Expert   | - Legal Information Specialist |
| - Maintenance Technician        | - Online Editor                |
| - System Designer               | - Trainer                      |
| - Web Designer                  | - Quality Analyst              |
| - Strategic Information Planner | - System Administrator         |
| - System Analyst                |                                |

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 Analyst              | - Database Manager  |
| - Data Entry Worker     | - Game Developer            | - IT Support        |
| Technician              |                             |                     |
| - IT Manager            | - Network Analyst           | - QA Tester         |
| - Programmer Analyst    | - Quality Assurance Analyst | - Program Manager   |
| - Project Manager       | - Software Developer        | - Software marketer |
| - Software Trainer      | - Database Administrator    | - Business Systems  |
| Analyst                 |                             |                     |
| - Computer Operator     | - 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:

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

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

		Uni. Exa.	Conti. Ass.	Max. Marks
<b>SEMESTER-I</b>				
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
<b>SEMESTER-II</b>				
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:

- |  |          |
|--|----------|
| i. One or two tests out of which minimum one best will be considered for assessment. | 15 Marks |
| ii. Attendance, Class participation and behaviour                                    | 5 Marks  |

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

- |   |          |
|---|----------|
| i. Two or three tests out of which minimum two will be considered for evaluation (60% of Total marks) | 36 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 :-

- |                           |                          |                         |
|---------------------------|--------------------------|-------------------------|
| IT Firms                  | - Automobiles            | - Banking               |
| Insurance Firms           | - Business               | - Entertainment         |
| Health Industry           | - Information Technology | - Finance               |
| Entertainment sector      | - Manufacturing          | - Communication         |
| Electronic Industry       | - Defense                | - Education             |
| Research Firms            | - Electronics            | - Marketing             |
| Educational Organizations | - Police                 | - Product Manufacturing |
| Banking Industry          | - Railways               |                         |



# 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 far as journalism is concerned, today Broadcast Journalism (TV and Radio), Web journalism, Print Journalism is there. Recently New Media design is coming up, where you might find 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 admitted 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 need-based 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.



# *Skill Development Food Processing*





# 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:

1. Retail Industry
2. Banks
3. Insurance companies
4. Government Sector
5. Teaching



### JOB POSITION:

- |                              |  |
|------------------------------|--|
| 1. Floor Manager             | 2. Operation Manager                   |
| 3. Logistic Manager          | 4. Warehouse Manager                   |
| 5. Sales Associate           | 6. Department Manager                  |
| 7. Store Manager             | 8. Customer Service Assistant          |
| 9. Supply Chain Manager      | 10. Human Resource manager             |
| 11. Training Manager         | 12. Finance and Administration Manager |
| 13. Packing & Design Manager | 14. Health & Safety Officer            |
| 15. Distribution Manager     |  |



## Pursuit Management



# 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
  - 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
  - 50% marks in the aggregate in case of students who have passed 10+2 but not covered under (a) and (b) above. OR
  - 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

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

### SEMESTER-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

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.

1. The candidates who have passed 10+2 examination in **Science stream** (Medical & Non- Medical etc.) are eligible.
2. Minimum eligibility requirement for admission in First semester is 45% marks in the 10+2 examination (Relaxation will be as per Govt. norms)
3. The course will be based on **Choice Based Credit System (CBCS)** as per UGC guidelines.
4. **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 I		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 ( <b>Qualifying</b> )

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 ( <b>Qualifying</b> )

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 available 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 sub-disciplines 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.

Code	Title of Paper	Uni. Exam.	Int. Ass.	Max. Marks
<b>SEMESTER-I</b>				
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-114: Programming Fundamentals using C)	60	40	100
<b>SEMESTER-II</b>				
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
<b>SEMESTER-III</b>				
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

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
<b>SEMESTER-IV</b>				
BCA-211	English Communication Skills – I	75	25*	100
BCA-212	Discrete Mathematics	75	25	100
BCA-213	Computer System Organizations and			



# 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: 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
<b>SEMESTER-V</b>				
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: Web Designing using HTML and DHTML)	35	15	50
<b>SEMESTER-VI</b>				
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: Web Designing using ASP.NET)	35	15	50

### JOB OPPORTUNITIES AFTER BCA:

GOVERNMENT SECTOR	BANKING SECTOR
TEACHING	MNC's
SOFTWARE DEVELOPER	WEBSITE DEVELOPER
BPO's	IT TECHNITIONS
DATA ENTRY OPERATORS	DOCUMENTATION CENTER
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**

			MARKS		
			Theory	Practical	Total
<b>SEMESTER-I</b>					
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
<b>Practical Subject</b>					
BBA-105	Workshop on computer applications		---	50	50
BBA-106	Seminar		---	50	50
<b>SEMESTER-II</b>					
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
<b>Practical Subject</b>					
BBA-206	Workshop on Internet & E-commerce		---	50	50
BBA-207	Seminar		---	50	50
BBA-208	Viva-Voce		100		100
<b>SEMESTER-III</b>					
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
<b>Practical Subject</b>					
BBA-306	Workshop on Contemporary Business Issues		---	50	50
BBA-307	Seminar on Knowledge Management		---	50	50
<b>SEMESTER-IV</b>					
BBA-401	Financial Management		60	40	100
BBA-402	Punjabi Compulsory		40	10	50
<b>Practical Subject</b>					
BBA-403	Workshop on Creativity & Innovation		---	50	50
BBA-404	Seminar on Entrepreneurship		---	50	50
BBA-405	Viva- Voce		100	---	100

# BACHELOR OF BUSINESS ADMINISTRATION (BBA)

## Under Graduate Courses

### Choose any of the one Functional Area as Major and Minor

#### Marketing Management

BBA-406	Retail Management	60	40	100
BBA-407	Advertisement & Sales Management	60	40	100
BBA-408	Marketing of Services	60	40	100

#### Human Resource Management

BBA-409	Career Planning & Management	60	40	100
BBA-410	Training & Development	60	40	100
BBA-411	Management of Change	60	40	100

#### Finance

BBA-412	Cost & Management Accounting	60	40	100
BBA-413	Financial Instruments and Services	60	40	100
BBA-414	Income Tax Law & Practice	60	40	100

#### Industrial Internship : Industrial Training of 4 to 6 Weeks

#### SEMESTER-V

BBA-501	Business Research Methods	60	40	100
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#### Practical Subject

BBA-502	Workshop on Time and Workload Management	---	50	50
BBA-503	Seminar on Summer Internship	---	50	50

### Choose any of the two functional areas

#### Marketing Management

BBA-504	Export Marketing	60	40	100
BBA-505	Rural Marketing	60	40	100
BBA-506	Brand & Product Management	60	40	100

#### Human Resource Management

BBA-507	Interpersonal Skills in Management	60	40	100
BBA-508	Management of Industrial Relations	60	40	100
BBA-509	Psychological Testing	60	40	100

#### Finance

BBA-510	Stock Market Operations	60	40	100
BBA-510	Insurance Management	60	40	100
BBA-510	Investment Management	60	40	100

#### SEMESTER-VI

BBA-601	Industrial Training Project	100	---	100
BBA-602	Project Report	200	---	200
BBA-603	Seminar on Project Report	---	100	100
BBA-604	Viva - Voce	100	---	100

### PLACEMENT OPPORTUNITIES AFTER DOING BBA

After doing BBA in Human resource management, Finance management or in marketing management students can place themselves in different organizations.

1. Students can place themselves in business organisations.
2. After BBA students can place themselves in manufacturing companies.
3. Students can successfully place themselves in export and trading houses.
4. Students can place themselves in financial concerns, and banks.
6. Successful students can place themselves in NGO's and in multinational corporations.
5. After BBA students can place themselves in marketing organizations.
6. Students can place themselves in advertising agencies.
7. Students can place themselves in selling jobs.
8. Students can also start their business by themselves.



# B.Sc. (Computer Science)

## Under Graduate Courses

**Eligibility :** 10+2 (Non-Medical) Pass

### JOB OPTIONS

- 1) IMA Indian Military Academy
- 2) Air force (Pilot, Traffic Control)
- 3) Navy (Ground Duty Officer)
- 4) Bank(Clerical/PO)
- 5) SSB/PSPCL/PSTCL
- 6) Computer Programmer/Instructor
- 7) Tutor
- 8) Police Dept.(ASI/Inspector)
- 9) Punjab Prisons (Deputy Supdt.)
- 10) PCS
- 11) IAS/IPS/IFS

Students will study Physics/Mathematics as of B.Sc. Non-Medical along with one subject of Computer application as following in each year.

S. No.	Subject	Paper	Ext. Marks	Int. Ass.	T.Marks
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### SEMESTER-I

1	Physics-A	Mechanics-I	30	10	40
2	Physics-B	Vibration and Waves-I	30	10	40
3	Physics-B	Electricity and Magnetism-I	30	10	40
4	Practical	Physics Practical lab.	22	8	30
5	Maths.-A	Calculus	36	14	50
6	Maths.-B	Differential equation	36	14	50
7	Maths.-C	Co-ordinate geometry	36	14	50
8	Computer(Theory)	Fundamentals of information Technology & MS Office	45	15	60
9	Computer (Pract.)	Lab-Fundamentals of information Technology & MS Office	40	--	40
10	Punjabi	Punjabi	75	25	100

### SEMESTER-II

1	Physics-A	Mechanics-II	30	10	40
2	Physics-B	Vibration and Waves-II	30	10	40
3	Physics-C	Electricity and Magnetism-II	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Algebra -II	36	14	50
6	Maths.-B	Partial differential equation	36	14	50
7	Maths.-C	Analytic geometry	36	14	50
8	Computer(Theory)	Windows and office Automation	45	15	60
9	Computer(Pract.)	Practical	40	--	40
10	Punjabi	Punjabi	75	25	100

### SEMESTER-III

1	Physics-A	Statistical Physics and Thermodynamics-I	30	10	40
2	Physics-B	Optics	30	10	40
3	Physics-C	Quantum Mechanics-I	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Advance calculus	36	14	50
6	Maths.-B	Analysis-I	36	14	50
7	Maths.-C	Mechanics-I	36	14	50
8	Computer (Theory)	C programmin & Data base structures	60	--	60
9	Computer(Pract.)	Lab-I C programmin & Data base structures	40	--	40
10	Punjabi	Punjabi	75	25	100
11	English	Comm. Skills	75	--	75

### SEMESTER-IV

1	Physics-A	Statistical Physics and Thermodynamics-II	30	10	40
2	Physics-B	Optics	30	10	40
3	Physics-C	Quantum Mechanics-II	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Vector calculus	36	14	50
6	Maths.-B	Analytic-II	36	14	50
7	Maths.-C	Mechanics-II	36	14	50
8	Computer(Theory)	Data Base management Systems	60	--	60
9	Computer(Pract.)	Lab-Data Base management Systems	40	--	40
10	Punjabi	Punjabi	75	25	100
11	English	Comm. Skills	75	--	75
12	Environment	Environment	70	30	100

### SEMESTER-V

1	Physics-A	Condensed Matter Physics-II	30	10	40
2	Physics-B	Electronics And Solid State Devices-II	30	10	40
3	Physics-C	Nuclear and Particle Physics-I	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Algebra-I	36	14	50
6	Maths.-B	Discrete-I	36	14	50
7	Maths.-C	Mathematic method -I	36	14	50
8	Computer (Theory)	Object Oriented Programming Using C++	60	--	60
9	Computer(Pract.)	Lab-Object Oriented Programming Using C++	40	--	40
10	Punjabi	Punjabi	75	25	100

### SEMESTER-VI

1	Physics-A	Condensed Matter Physics-II	30	10	40
2	Physics-B	Electronics And Solid State Devices-II	30	10	40
3	Physics-C	Nuclear and Particle Physics-II	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Algebra-II	36	14	50
6	Maths.-B	Discrete-II	36	14	50
7	Maths.-C	Mathematic method -II	36	14	50
8	Computer (Theory)	Introduction to computer networking and			



# Non-Medical Buzz



# 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 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.
4. 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

•Discipline Committee

•Women cell

•UGC Network Resource Centre

•Purchasing Committee

•Library Advisory Committee

•IT Society, BT Club

•Evaluation Reforms Committee

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

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

### STRATEGIES

IQAC is evolving mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- The relevance and quality of academic and research programmes
- Equitable access to and affordability of academic programmes for various sections of society
- Optimization and integration of modern methods of teaching and learning
- The credibility of evaluation procedures
- Ensuring the adequacy, maintenance and functioning of the support structure and services
- Research sharing and networking with other institutions in India and abroad.

Some of the functions of the IQAC are:

- Development and application of quality benchmarks/parameters for various academic and administrative activities of an institution
- Dissemination of information on various quality parameters of higher education
- Organization of workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes / activities leading to quality improvement
- Acting as a nodal agency of the institution for quality-related activities
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.



# Achievements of Faculty



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



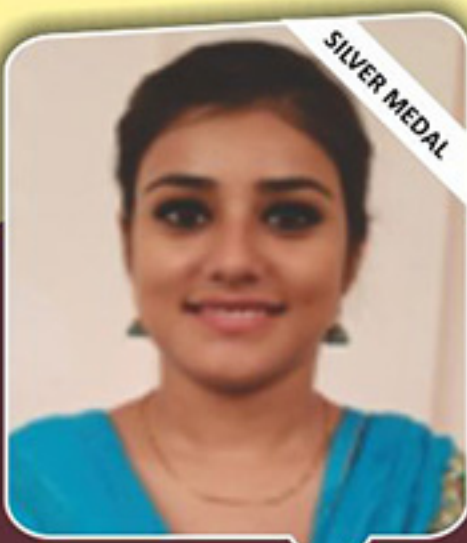
**A. Prof. Manpreet Kaur**  
Human Molecular  
Genetics



**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

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



**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.

# SPORTS ACHIEVEMENTS



**Banpreet Kaur (B.com-3)**  
All India Intersarsity  
Silver and Bronze Medalist in Swimming

## ANNUAL SPORTS MEET 2018-2019



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.

**SWIMMING  
ALL INDIA INTER-VERSITY**

**WRESTLING UNIVERSITY LEVEL  
1 GOLD, 1 SILVER, 2 BRONZE**

**SWIMMING  
UNIVERSITY LEVEL  
1-SILVER, 1 BRONZE**

**TAEKWONDO  
BRONZE MEDAL AT  
UNIVERSITY LEVEL**



# CULTURE ACHIEVEMENTS 2019-20





YOUTH  
FESTIVAL  
2018-2019

# Scholarships for Students

S. NO	Type of Scholarship	Eligibility	Contact
1.	<b>Post Matric Scholarship Scheme to SC</b>	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.  Scholarships will not be given to more than two students in a family	<a href="http://www.dpipunjab.org">www.dpipunjab.org</a> <a href="http://punjabscholarships.gov.in">punjabscholarships.gov.in</a>
2.	<b>Post matric Scholarships to OBC</b>	Employed students whose income combined with the income of their parents/guardians does not exceed Rs. 1.00 lakh per annum shall be eligible for post-matric scholarships.	<a href="http://www.dpipunjab.org">www.dpipunjab.org</a> <a href="http://punjabscholarships.gov.in">punjabscholarships.gov.in</a>
3.	<b>Extra Benefits to girls belonging to the Scheduled Castes</b>	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.	<a href="http://www.dpipunjab.org">www.dpipunjab.org</a> <a href="http://punjabscholarships.gov.in">punjabscholarships.gov.in</a>
4.	<b>State Merit Scholarships Scheme</b>	His annual family income of the beneficiary/parent or guardian of the beneficiary should not exceed Rs.2.50 lakh per annum	<a href="http://www.momascholarship.gov.in">www.momascholarship.gov.in</a>
5.	<b>Scholarships to the children of riot victims</b>	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.	<a href="http://www.dpipunjab.org">www.dpipunjab.org</a> <a href="http://punjabscholarships.gov.in">punjabscholarships.gov.in</a>
6.	<b>Post-Doctoral Fellowship for Women</b>	i) The candidate must have a doctorate degree in the relevant subject preferably with published research work to their credit. ii) In case of general/open category, 55% marks at UG level and 60% of marks at PG level. iii) For reserved categories (SC/ST/OBC/PH) candidates, 50% at UG level and 55% at PG level.	<a href="http://www.ugc.ac.in/pdfss">www.ugc.ac.in/pdfss</a>
7.	<b>Maulana Azad National Fellowship For Minority Students</b>	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.	<a href="http://www.ugc.ac.in/manf">www.ugc.ac.in/manf</a>
8.	<b>Rajiv Gandhi National Fellowship for SC/ST Candidate</b>	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	<a href="http://www.ugc.ac.in/rgnf">www.ugc.ac.in/rgnf</a>
9.	<b>Swami Vivekananda Single Girl Child Scholarship for Research in Social Sciences</b>	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.	<a href="http://www.ugc.ac.in/svsgc">www.ugc.ac.in/svsgc</a>
10.	<b>Rajiv Gandhi National Fellowship for Students with Disabilities</b>	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.	<a href="http://www.ugc.ac.in/rgnfd">www.ugc.ac.in/rgnfd</a>

# Scholarships for Students

S. NO	Type of Scholarship	Eligibility	Contact
11.	<b>Post-Graduate Merit Scholarship For University Rank Holders For PG Programs</b>	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	<a href="http://www.ugc.ac.in/urh">www.ugc.ac.in/urh</a>
12.	<b>National Fellowship for OBC Candidate</b>	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.	<a href="http://www.ugc.ac.in/nfobc/">www.ugc.ac.in/nfobc/</a>
13.	<b>Indira Gandhi Scholarship for Single Girl Child</b>	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.	<a href="http://www.ugc.ac.in/sgc">www.ugc.ac.in/sgc</a>
15.	<b>Central Sector Scholarship scheme Scholarship for college and university students</b>	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	<a href="http://www.mhrd.gov.in/.scholarship">www.mhrd.gov.in/.scholarship</a>
16.	<b>Scholarship to students from Non-Hindi Speaking state for Post Matric Studies in Hindi Scholarships to the children of riot victims</b>	Only those candidates whose mother tongue is not Hindi and who belong to any of the following Non- Hindi Speaking States/Union Territories will be eligible for the scholarship.	<a href="http://www.chdeducation.gov.in">www.chdeducation.gov.in</a>
17.	<b>Sita ram jindal foundation 1. B.A., B.Com, B.Sc., BFA, BCA, BBA, BBM, Bachelor of Business Economics</b>	i) General Category a) Girls      b) Boys Boys@65% Girls@55% marks For Cat 'B' ITI Students - No Income Certificate will be required.	<a href="http://www.sitaramjindalfoundation.org">www.sitaramjindalfoundation.org</a>
18.	<b>Saini Scholarship Scholarships/Stipends To Brilliant &amp; Needy Students</b>	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.	<a href="http://www.sainibhawan.org">www.sainibhawan.org</a>

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

## BIOTECHONLOGY (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 programmes 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 **IT SOCIETY** 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 :

1. 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.
2. 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.
4. Assisting members to get training opportunities.
5. Assisting food industries in research and development.



## ਕਰੁੰਬਲਾਂ ਪੰਜਾਬੀ ਸਾਹਿਤ ਸਭਾ



### ਮਕਸਦ:-

1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਨਾਲ ਜੋੜਨਾ।
2. ਸਭਿਆਚਾਰ ਨਾਲ ਜੋੜਨਾ।
3. 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।
6. ਚੰਗੇ ਸਾਹਿਤਕਾਰ ਪੈਦਾ ਕਰਨਾ।
7. ਚੰਗੇ ਵਕਤਾ ਪੈਦਾ ਕਰਨਾ।
8. 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 communications 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.
- 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 :

1. 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.
2. 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.
4. Assisting members to get training opportunities.
5. Assisting food industries in research and development.



## ਕਰੁੰਬਲਾਂ ਪੰਜਾਬੀ ਸਾਹਿਤ ਸਭਾ



### ਸਕਸ਼ਦ:-

1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਨਾਲ ਜੋੜਨਾ।
2. ਸਭਿਆਚਾਰ ਨਾਲ ਜੋੜਨਾ।
3. 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।
6. ਚੰਗੇ ਸਾਹਿਤਕਾਰ ਪੈਦਾ ਕਰਨਾ।
7. ਚੰਗੇ ਵਕਤਾ ਪੈਦਾ ਕਰਨਾ।
8. ਸਮਾਜ ਸੇਵਾ ਦੀ ਭਾਵਨਾ ਪੈਦਾ ਕਰਨਾ।
9. ਦੇਸ ਪ੍ਰੇਮ-ਲਿਆਉਣਾ।
10. ਸਾਫ-ਸੁਥਰੇ ਸਮਾਜ ਦੀ ਸਿਰਜਣਾ ਕਰਨੀ।



# WOMEN CELL

Our college has established a women cell in the college to empower girl students, to sensitize all issues related to the women, both students and faculty and to make the college campus a safe place for women, students and faculty members. The cell has been very active in working towards gender sensitization and empowerment of our young women. Aiming at social and intellectual upliftment of the female students, the cell stands for facilitating women's empowerment through guest lectures, seminars, awareness programmes on gender sensitivity, health and hygiene and other welfare activities.

Besides these, the cell conducts events, such as mehndi competition, pehrava pardarshani, poster making, best out of waste, flower arrangement and salad making etc. The ultimate aim of the women cell is to prepare our young women as an active fusion of tradition and modernity. Also, if the students face any type of harassment, then they can complain at our women cell. The members will look into the issues, gather the evidence and take necessary action against the guilty.

## Objectives:

- To create social awareness about the problems of the women and regarding gender discrimination in particular.
- To guide about women welfare laws.
- To develop the self-confidence of women.
- To highlight the importance of health and hygiene.
- To organize workshops, seminars related to women development.
- To affirm the importance of economic, social, racial and gender equality.
- To highlight women's role in the society and to develop multi-disciplinary approach for the overall personality development.
- To promote general well-being of the female students, teaching and non-teaching staff.



# CORE VALUES OF BELA COLLEGE

## **Truth, Justice, Peace and Loyalty:**

To promote the students to respect the rights and dignity of every human being, work diligently for peace and to foster the feelings of steadfastness or faithfulness to a person, institution, custom or idea to which one is tied by duty, pledge or a promise.

## **Simplicity and dignity of Lifestyle:**

To instill in the staff and students the value of dignity and simplicity of life, community services and to promote the state or quality that every human being is worthy of honor or respect.

## **Respect and Love for Cultures, Religions and Nation:**

To promote love and profound respect for all forms of life, and an array of cultures and religions blossoming in every part of the world.

## **Equality:**

To help the students to realize the right and opportunity to develop one's potential as human being.

## **Tolerance:**

To motivate the students and teachers to accept or respect the beliefs of practices differing from conflicting with one's own.

## **Courage:**

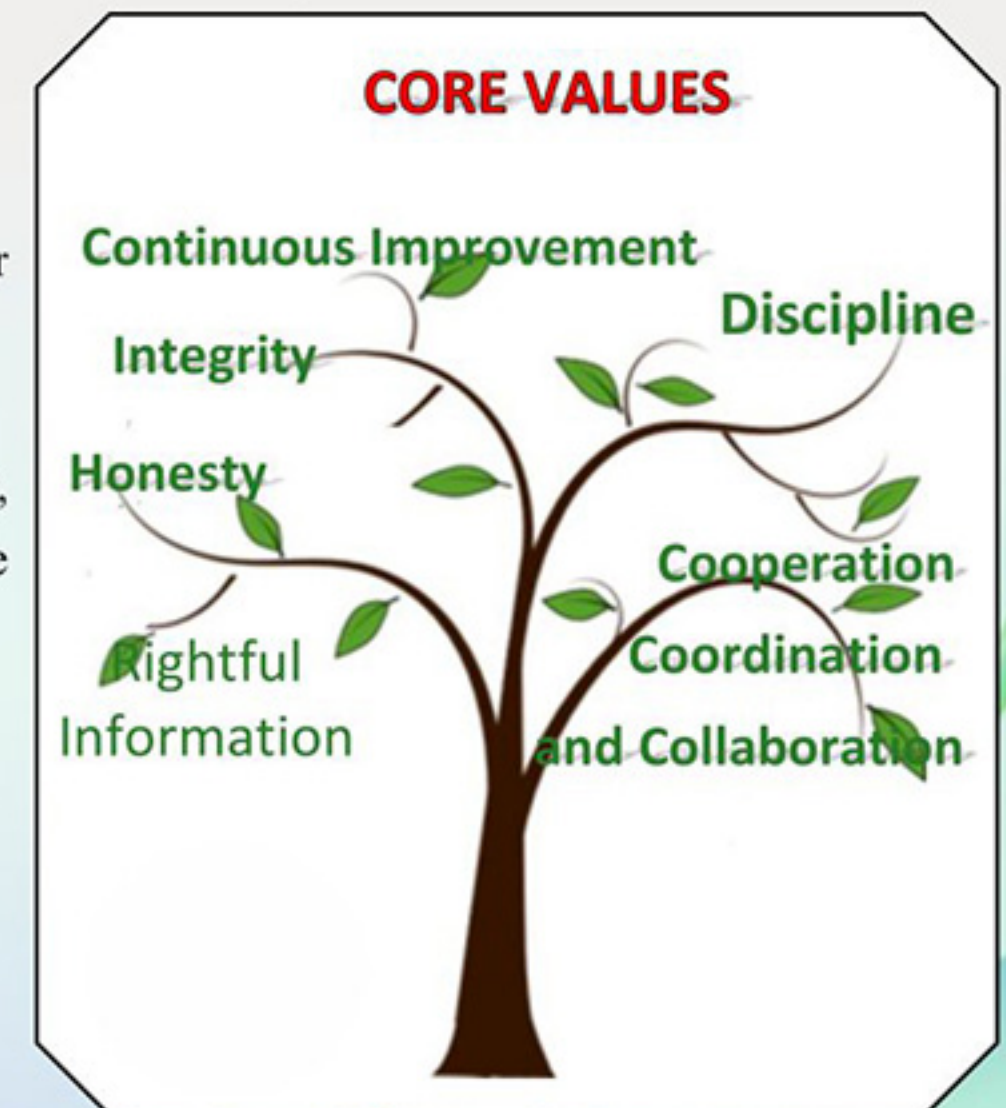
To inculcate in students the willingness to face danger with determination.

## **Communication, Collaboration and Team Spirit :**

To inculcate the spirit of team work and foster communication and collaboration in our institutions.

## **Respect for Natural Environment:**

To motivate the students to care for the conservation of land trees, clean air, pure water, all the earthlings and to inculcate in the students and teachers the feeling to avoid waste and pollution of natural resources.



# ACADEMIC CALANDER OF DEPARTMENTS

## HUMANITIES

Sr.No	ACTIVITIES	EXPECTED DATES
1	INTERNATIONAL DRUG DAY	26 <sup>th</sup> JUNE
2	ESSAY WRITING COMPETITION (HISTORY ASSOCIATION)	JULY
3	WORLD HUMANITIES DAY	19 <sup>th</sup> AUGUST
4	SEMINAR ON EMERGING ISSUES (ENGLISH ASSOCIATION)	AUGUST
5	POETIC RECITATION	SEPTEMBER
6	ESSAY WRITING COMPETITION (PUNJABI ASSOCIATION)	OCTOBER
7	INTERNATIONAL LANGUAGE DAY	21 <sup>st</sup> FEBRUARY
8	POSTER MAKING	1 <sup>st</sup> WEEK OF MARCH
9	SAADA PUNJAB (PUNJABI ASSOCIATION)	MARCH
10	ESSAY WRITING (ENGLISH ASSOCIATION)	LAST WEEK OF MARCH
11	EDUCATIONAL TOUR	2 <sup>nd</sup> WEEK OF MARCH
12	ELOCUTION	1 <sup>st</sup> WEEK OF APRIL

## BIO-TECHNOLOGY & FOOD PROCESSING

Sr. No.	Name of the activity	Date	Occasion	Organized by
1.	Poster making	18-07-2019		Student Food Association
2.	Debate competition	26-07-2019		Biotech. Association
3.	International Youth Day celebration	09-08-2019	International Youth Day	Biotechnology and Food Processing Department
4.	Visit to Food Industry	13-08-2019		Student Food Association
5.	Declamation contest	19-08-2019		Biotech. Association
6.	Seminar	04-09-2019	National nutrition week	Student Food Association
7.	Prepared poster competition	16-09-2019		Biotech. Association
8.	Food Day celebration	16-10-2019	World Food day	Student Food Association
9.	Quiz competition	18-10-2019		Biotech. Association
10.	Workshop	01-11-2019		Student Food Association
11.	International Science Day celebration	10-11-2019	International Science Day	Biotechnology and Food Processing Department
12.	Model making competition	22-11-2020		Biotech. Association
13.	Quiz competition	22-01-2020		Student Food Association
14.	Abstract writing competition	24-01-2020		Biotech. Association
15.	Pizza making competition	09-02-2020	World Pizza Day	Student Food Association
16.	Best presentation contest	11-02-2020	International day for women and girls in science	Biotech. Association
17.	Science poetry competition	20-03-2020	World poetry day	Biotech. Association
18.	Workshop	16-03-2020		Biotech. Association
19.	Visit to food Industry	23-03-2020		Student Food Association
20.	Medical camp	07-04-2020	World Health Day	Biotechnology and Food Processing Department
21.	Seminar	13-04-2020	National immunization week	Biotech. Association
22.	Best out of left over	21-04-2020		Student Food Association

## MANAGEMENT

Sr.No	ACTIVITIES	EXPECTED DATES
1	QUIZ COMPETITION ON BUSINESS RELATED ISSUES	1 <sup>st</sup> WEEK OF AUGUST 2019
2	WORKSHOP ON INNOVATIVE PRACTICES	1 <sup>st</sup> WEEK OF SEPTEMBER 2019
3	INDUSTRIAL VISIT	1 <sup>st</sup> WEEK OF OCTOBER 2019
4	WORLD MANAGEMENT DAY	19 <sup>th</sup> NOVEMBER 2019
5	SEMINAR ON EMERGING ISSUES	2 <sup>nd</sup> WEEK OF JANUARY 2020
6	QUIZ COMPETITION ON BUSINESS RELATED ISSUES	1 <sup>st</sup> WEEK OF FEBRUARY 2020
7	EDUCATIONAL TOUR	1 <sup>st</sup> WEEK OF MARCH 2020
8	WORLD WATER DAY	22 <sup>nd</sup> MARCH 2020
9	WORKSHOP ON CREATIVITY AND INNOVATION	2 <sup>nd</sup> WEEK OF APRIL 2020

## COMPUTER SCIENCE

SR.NO	ACTIVITIES	EXPECTED DATES
1	QUIZ COMPETITION	3 <sup>rd</sup> WEEK OF AUGUST 2019
2	WORKSHOP	1 <sup>st</sup> WEEK OF SEPTEMBER 2019
3	EDUCATIONAL TRIP	1 <sup>st</sup> WEEK OF OCTOBER 2019
4	POWERPOINT PRESENTATION	1 <sup>st</sup> WEEK OF NOVEMBER
5	PTM	4 <sup>th</sup> WEEK OF NOVEMBER
6	WORLD'S COMPUTER LITERACY DAY	2 <sup>nd</sup> DECEMBER 2019
7	SEMINAR ON EMERGING ISSUES	2 <sup>nd</sup> WEEK OF JANUARY 2020
8	PRESENTATIONS	1 <sup>st</sup> WEEK OF FEBRUARY 2020
9	INDUSTRIAL VISIT	1 <sup>st</sup> WEEK OF MARCH 2020
10	POSTER PRESENTATION	1 <sup>st</sup> WEEK OF APRIL 2020
11	PTM	2 <sup>nd</sup> WEEK OF APRIL
12	TECHNOLOGY DAY	11 <sup>th</sup> MAY 2020

# ACADEMIC CALANDER OF DEPARTMENTS

## MATHEMATICS

Sr.NO.	ACTIVITY	DATE
1	ORIENTATION PROGRAM	24-7-2019-25-7-2019
2	ESSAY WRITING COMPETITION	AUGUST
3	QUIZ COMPETITION ON TEACHER'S DAY	05-09-2019
4	SEMINAR ON GRAPH THEORY	NOVEMBER
5	NATIONAL MATHEMATICS DAY CELEBRATION	22nd DECEMBER
6	SCIENCE DAY CELEBRATION	28-Feb
7	EDUCATIONAL TOUR	2nd WEEK OF MARCH
8	POSTER MAKING & OTHER COMPETITION	4TH WEEK OF MARCH
9	VISIT AT ANY HISTORICAL PLACE	1st WEEK of APRIL

## NON-MEDICAL

S.No.	Activity	Date
1.	Orientation Program	25 July 2019 to 26 July 2019
2.	Paper Reading Competition	23 August 2019
3.	Poster Making Competition	5 September 2019
4.	Expert Talk	11 November 2019
5.	Notice Board Competition	31 January 2020
6.	Science Day Celebration	28 February 2020
7.	Educational Tour	6 March 2020
8.	Quiz	20 March 2020
9.	Workshop	17 April 2020

## COMMERCE

Sr No	Name of Activity	Expected Dates
1.	Orientation Programme	8 <sup>th</sup> July 2019 to 10 July 2019
2.	Hand writing magazine competition/Quiz/Debate related to current issues(commerce association)	23 <sup>rd</sup> July 2019
3.	Commerce Day	5 <sup>th</sup> August 2019
4.	Workshop/seminar/guest Lecture	23 <sup>rd</sup> August 2019
5.	Presentation/Article related to commerce(commerce association)	26 <sup>th</sup> August 2019
6.	Bank Visit	13 <sup>th</sup> Sept 2019
7.	Educational visit	30 <sup>th</sup> sept 2019
8.	Documentary on leadership/motivation/communication	6 <sup>th</sup> October 2019
9.	Assignment Submission	15 <sup>th</sup> October 2019
10.	Viva of whole syllabus	17 <sup>th</sup> Oct 2019
9.	Wallpaper on contemporary issues(Commerce Association)	20 <sup>th</sup> Jan 2020
10.	Career Guidance	27 <sup>th</sup> Jan 2020
11.	Group discussion/Elocution on contemporary issues	25 <sup>th</sup> Feb 2020
12.	World consumer right day	15 <sup>th</sup> -16 <sup>th</sup> March 2020
13.	Educational Tour	20 <sup>th</sup> March 2020
14.	Mock Interview Competition	1 <sup>st</sup> April 2020
15.	Assignment Submission	17 <sup>th</sup> April 2020
16.	Viva of whole syllabus	20 <sup>th</sup> April 2020

# Academic Toppers 2018-19

## BIOTECHNOLOGY DEPARTMENT



**Ruchi Samwal**  
M.Sc. Bio.Tech.-II, 76.8%



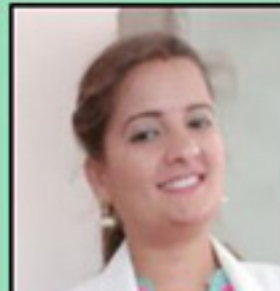
**Shivi Jain**  
M.Sc. Bio.Tech.-II, 76%



**Maninder Kaur**  
M.Sc. Bio.Tech.-II, 75.5%



**Gurvinder Kaur**  
M.Sc. Bio.Tech.-II, 75%



**Bhawna**  
M.Sc. Bio.Tech.-II, 74.8%



**Parminder Kaur**  
M.Sc. Bio.Tech.-II, 72.6%



**Kirandeep Kaur**  
M.Sc. Bio.Tech.-II, 72%



**Kiranjit Kaur**  
M.Sc. Bio.Tech.-II, 71.5%



**Dilpreet Singh**  
M.Sc. Bio.Tech.-II, 70%

## INFORMATION TECHNOLOGY DEPARTMENT



**Amanpreet Kaur**  
MSc (IT) - I, 83%



**Tarandeep Kaur**  
MSc.(IT) - I, 80%



**Kiranjeet Kaur**  
MSc.(IT) - I, 79%

## MATHEMATICS DEPARTMENT



**Manjeet Kaur**  
Msc. Maths, 7.6 SGPA



**Rupinder Kaur**  
Msc. Maths, 7.4 SGPA



**Amandeep Kaur**  
Msc. Maths, 7.4 SGPA



**Mandeep Kaur**  
Msc. Maths, 7.2 SGPA

## COMMERCE DEPARTMENT



**Maninder Kaur**  
M.COM-I, 84%



**Amninder Kaur**  
M.COM-I, 80%

## BIOTECHNOLOGY DEPARTMENT



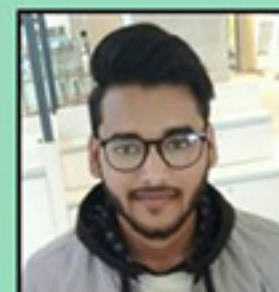
**Gurpreet Kaur**  
B.Sc. Bio.Tech.-II, 81.7%



**Neha Banwal**  
B.Sc. Bio.Tech.-II, 80.7%



**Anuroop Kaur**  
B.Sc. Bio.Tech.-I, 78.6%



**Ajay Kumar**  
B.Sc. Bio.Tech.-I, 74%

## HUMANITIES DEPARTMENT



**Shivani**  
B.A.-III, 74%



**Pardeep Kaur**  
B.A.-III, 73%



**Manpreet Kaur**  
B.A.-III, 70.4%



**Sukhpreet Singh**  
B.A.-III, 70%



**Varinderjeet Kaur**  
B.A.-II, 76%



**Simranjeet Kaur**  
B.A.-II, 76%



**Manpreet Kaur**  
B.A.-I, 76%



**Harpreet Kaur**  
B.A.-I, 73%

# Academic Toppers 2018-19

## B.Voc. FOOD PROCESSING DEPARTMENT



Manpreet Kaur  
B.Voc. FP-II, 80.1%



Damanpreet Kaur  
B.Voc. FP-II, 78.1%



Simranjeet Kaur  
B.Voc. FP-II, 72%



Amandeep Kaur  
B.Voc. FP-II, 70%

## COMPUTER APPLICATION



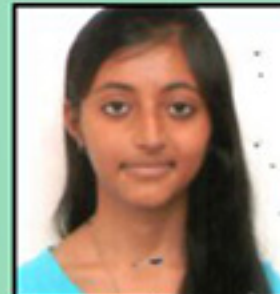
Harpreet Kaur  
B.Sc. CA -III, 62.5%



Simranjeet Kaur  
B.Sc. CA -II, 72%



Sukhvir Kaur  
B.Sc. CA -I, 67%



Anchal  
B.Sc. CA -I, 65%

## BBA DEPARTMENT



Navjot Kaur  
BBA-III, 72%



Lovepreet Kaur  
BBA-II, 70%



Manpreet Kaur  
BBA-II, 70%

## B.Voc. RETAIL MANAGEMENT DEPARTMENT



Neetu  
B.Voc. RMIT-III, SGPA 9.22



Jagdeep Singh  
B.Voc. RMIT-II, SGPA 8



Amanveer Singh  
B.Voc. RMIT-II, SGPA 8

## NON MEDICAL



Manpreet Kaur  
B.Sc. NM-III, 76.9%



Amanpreet Kaur  
B.Sc. NM-III, 76.9%



Daljeet Kaur  
B.Sc. NM-II, 79.3%



Ravneet Kaur  
B.Sc. NM-II, 74%



Suman Bala  
B.Sc. NM-II, 74%



Simran Kaur  
B.Sc. NM-I, 82.7%



Anu  
B.Sc. NM -I, 82%



Parampreet Singh  
B.Sc. NM -I, 80.9%

## COMMERCE DEPARTMENT



Kamalpreet Kaur  
B.Com.-III, 82%



Harwinder Kaur  
B.Com.-III, 78%



Simranjeet Kaur  
B.Com.-III, 78%



Maansi  
B.Com. - II, 78.6%



Simranjeet Kaur  
B.Com.-II, 76.4%



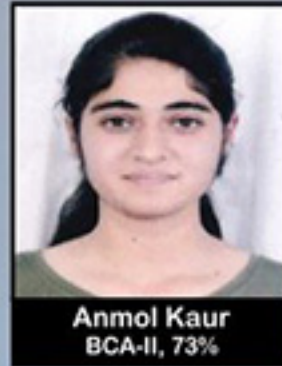
Shivani Tuli  
B.Com.-I, 77%



Charanjeet Singh  
B.Com.-I, 76.4%

# Academic Toppers Post-Graduate 2018-19

## BCA DEPARTMENT



Anmol Kaur  
BCA-II, 73%



Harwinder Kaur  
BCA-II, 73%



Kiranjeet Kaur  
BCA-II, 70%



Kiranjeet Kaur  
BCA-II, 68%



Sahijpreet Kaur  
BCA-II, 62%

## BCA DEPARTMENT



Inderjeet Kaur  
BCA-I, 71%



Nitsidak Kaur  
BCA-I, 70%



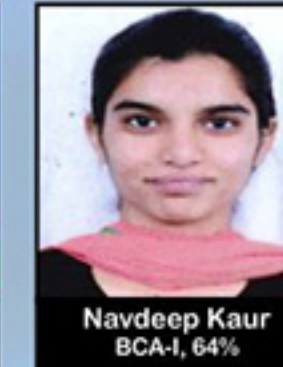
Harpreet Kaur  
BCA-I, 70%



Pawandeep Kaur  
BCA-I, 67%



Sivika  
BCA-I, 64%

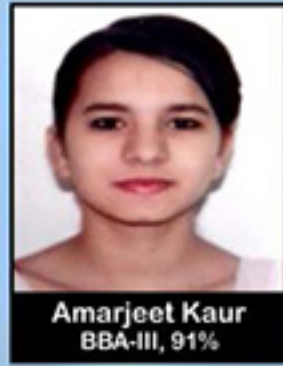


Navdeep Kaur  
BCA-I, 64%



Omkar Singh  
BCA-I, 63%

## BBA DEPARTMENT



Amarjeet Kaur  
BBA-III, 91%



Ritika  
BBA-III, 90%



Rajwant Kaur  
BBA-III, 91%



Rupinder Kaur  
BBA-III, 90%



Gagandeep Singh  
BBA-III, 89%



Shivani  
BBA-III, 89%



Harsh Kumar  
BBA-III, 89%



Neeraj Bala  
BBA-III, 89%



Mandeep Singh  
BBA-III, 89%

## BBA DEPARTMENT



Harpreet Kaur  
BBA-III, 89%



Jasdeep Singh  
BBA-III, 89%



Paramveer Singh  
BBA-III, 89%



Lavika Jain  
BBA-III, 75%



Harpreet Kaur  
BBA-III, 75%



Soni  
BBA-III, 74%



Ravneet Kaur  
BBA-III, 73%



Harpreet Kaur  
BBA-II, 80%



Anmolpreet Singh  
BBA-II, 76%

# *Distinguished Players*



**Arshdeep Singh (BA-III)**  
Inter College Bronze Medal  
in Wrestling (125 kg)



**Jagmeet Singh (BA-I)**  
Inter College Bronze Medal  
in Taikwando



**Jaspreet Singh (BA -III)**  
Inter College PUP  
Silver Medal in Wrestling  
(Open Weight)



**Kadar Mohamad (BA-I)**  
Inter College Gold Medalist  
in Wrestling (92 Kg)



**Ravidner Singh (PGDCA)**  
Inter College Bronze Medalist  
in Wrestling (97 Kg)

# AMAR SHAHEED BABA AJIT SINGH JUJHAR SINGH MEMORIAL COLLEGE BELA (RUPNAGAR)

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AFFILIATED TO PUNJABI UNIVERSITY PATIALA



Contact : 98155-18698, 94630-27367, 99887-35295 Tel: +91-1881-263533, 263233 Fax: +91-1881-263533, [www.belacollege.org](http://www.belacollege.org), [mail@belacollege.org](mailto:mail@belacollege.org)