48 years of Excellence

PROSPECTUS 2023-24

(ESTD. :1975)

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

Govt. Aided, under 2(f) and 12 (B) of UGC
NAAC B++
Affiliated to Punjabi University, Patiala

VISION 2030

To develop as a sustainable, affordable, excellent and role model institute of global benchmark to provide quality education, training, research, innovation and to inculcate core values and entrepreneurship to rural students.

Amar Shaheed Baba Ajit Singh

Amar Shaheed Baba Jujhar Singh

Contents

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

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

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

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

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

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

The College was accredited by NAAC in 2012. In 2012 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 processing are under construction. This educational institute is boon to this rural backward area. In year 2021, college has been re-accredited with B++ grade. College got "ONE DISTRICT ONE GREEN CHAMPION" award from MGNCRE, DHE, GOVT. of India

NSDC has launched "SKILL HUB" in Food Processing. As per new NEP-2020, we are focusing in skill education & running programme upto P.G. level

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.

S. Gurbachan Singh
(MLA) Founder President
06/02/1975 to 08/05/1989

Sardarni Rajbans Kaur
Live Chief Patron
President from 21/05/1989 to 21/04/2018

S. Sangat Singh Longia
President, M. C.
21/04/2018 to till date

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
2004	B.Sc. (Non Medical)
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	B.Voc. (Renewable Energy Technology)
2020	M.A. (Punjabi)
2021	M.Voc. (Food Processing)
2022	Skill Hub

Message

Dear Prospective Students,

It is with great pleasure and enthusiasm that I extend a warm welcome to you on behalf of Bela College. As the President of this esteemed institution, I am honored to introduce you to the world of opportunities that await you here.

At Bela College, we pride ourselves on being a beacon of excellence in education, fostering intellectual growth, and preparing our students for successful futures.

Our dedicated faculty comprises distinguished scholars and experienced professionals who are committed to your success. They will guide and inspire you to reach new heights, pushing the boundaries of knowledge and providing you with the skills necessary to excel in your chosen field.

Bela college offers a wide range of programs across various disciplines, ensuring that you have the opportunity to pursue your passion and interests. Whether it is in the fields of biotechnology, arts and humanities, business, sciences, or any other area of study, we strive to provide a comprehensive and well-rounded education that prepares you for the ever-evolving global landscape.

In addition to our rigorous academic programs, we also believe in the importance of holistic development. Our campus is a vibrant hub of diverse extracurricular activities, clubs, and organizations that offer ample opportunities for you to explore your interests, build lifelong friendships, and develop essential leadership and teamwork skills.

Wishing you success and fulfillment in all your future endeavors.

S. Sangat Singh Longia
President
(Managing Committee)

Message

Dear Students,

It is my privilege and pleasure to extend a heartfelt welcome to you on behalf of Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College, Bela. As the Secretary of this esteemed institution, I take great pride in introducing you to the myriad opportunities that await you at our college.

At Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College, we are dedicated to providing a nurturing and enriching educational environment that empowers our students to excel academically and grow personally. Our institution is deeply rooted in the values of courage, sacrifice, and knowledge, inspired by the brave legacy of Shaheed Baba Ajit Singh Ji and Shaheed Baba Jujhar Singh Ji.

As you embark on your higher education journey, we understand the significance of selecting the right college that aligns with your aspirations and goals. At our college, we offer a comprehensive range of programs across various disciplines, catering to diverse interests and career paths. Whether you aspire to pursue humanities, sciences, commerce, or any other field of study, we strive to provide a holistic education that equips you with the knowledge and skills necessary to thrive in today's competitive world.

Thank you for considering Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College, Bela, as your preferred institution for higher education. We are excited about the prospect of welcoming you to our college and being a part of your academic and personal growth.

Wishing you success and fulfillment in all your future endeavors.

S. Jagwinder Singh
Secretary
(Managing Committee)

Message

Dear Prospective Students,

On behalf of the Managing Committee, it gives me immense pleasure to extend a warm welcome to you as you embark on the journey of exploring educational opportunities for the session 2023-24. As the Manager of our esteemed institution, I am delighted to introduce you to the numerous possibilities and benefits that await you at our college.

At Bela College, we are committed to providing a nurturing and enriching environment that promotes academic excellence, character development, and holistic growth. Our institution has a strong legacy of fostering talent, nurturing innovation, and preparing students for a successful future.

As you make the important decision of choosing a college, we understand the significance of finding the right institution that aligns with your goals, values, and aspirations.

Our highly qualified and dedicated faculty members are the backbone of our institution. They are experts in their respective fields and are committed to nurturing your potential, providing personalized guidance, and fostering a love for lifelong learning.

I invite you to explore our prospectus for the session 2023-24, which provides detailed information about our programs, faculty, admission process, scholarships, and much more. It will give you a comprehensive overview of the exceptional educational experience that awaits you at Bela College.

Wishing you all the best for a bright and successful future.

S. Sukhwinder Singh Whisky
Manager
(Managing Committee)

Message

Dearmost Students,

It is my distinct honor and privilege to extend a warm welcome to you on behalf of BELA COLLEGE. As the Principal of this esteemed institution, I am delighted to introduce you to the exciting opportunities that await you in the academic year 2023-24.

At Bela College, we are dedicated to providing a transformative educational experience that empowers students to become confident, knowledgeable, and responsible individuals. Our institution has a long-standing tradition of academic excellence, innovative teaching methodologies, and a nurturing environment that fosters personal and intellectual growth.

Choosing the right college is a significant decision, and we understand the importance of finding an institution that aligns with your aspirations, values, and career goals. Our esteemed faculty members are not just exceptional teachers; they are mentors, role models, and lifelong learners. With their expertise, dedication, and personalized attention, they will help you develop critical thinking skills, foster intellectual curiosity, and prepare you for the challenges of the professional world.

Beyond academics, we believe in the holistic development of our students. Our college provides a vibrant and inclusive campus life, offering a wide range of co-curricular activities, sports, cultural events, and community engagement opportunities.

Our campus is equipped with state-of-the-art classrooms, well-stocked libraries, advanced laboratories, and sports facilities to provide you with an optimal learning environment. We continually invest in upgrading our resources to ensure that you have access to the latest technology and resources that enhance your learning experience.

Our prospectus will give you an insight into the remarkable educational journey that awaits you

Wishing you good luck

Dr. Satwant Kaur Shahi
Principal

COLLEGE MANAGEMENT COMMITTEE

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

DEGREE COURSES

B.Sc. Hons.
BIOTECHNOLOGY
Eligibility : 10+2 [Medical/Non Medical]

B.Sc.
NON MEDICAL
Eligibility : 10+2 [Non Medical]

B.Sc.
Computer Science
Eligibility : 10+2 [Non Medical]

BCA
Eligibility : 10+2
[Any Stream]

B.B.A.
Eligibility : 10+2
[Any Stream]

B.COM.
Eligibility : 10+2
[Any Stream]

B.A.
Eligibility : 10+2
[Any Stream]

B.VOC.
FOOD PROCESSING
Eligibility : 10+2 [Any Stream]

B.VOC.
RETAIL MANAGEMENT & IT
Eligibility : 10+2 [Any Stream]

B.VOC.
RENEWABLE ENERGY TECHNOLOGY
Eligibility : 10+2 [Any Stream]

MASTERS DEGREE COURSES

M.Sc.
BIOTECHNOLOGY

M.Voc.
FOOD PROCESSING

M.Sc.
MATHEMATICS

M.Sc.
INFORMATION TECHNOLOGY

M.A.
PUNJABI

M.COM.

PGDCA
POST GRADUATE DIPLOMA IN COMPUTER APPLICATION

PGDJMC
POST GRADUATE DIPLOMA IN JOURNALISM AND MASS COMMUNICATION

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 enlightment. It means knowledge is power.

Equality, Liberty, Fraternity is inscribed on the symbol.

The institute contributes to National Development by serving the cause of social justice, ensuring equity and increasing access to higher education.

OUR SHABAD

Deh Shiva bar mohe ihai
O Lord, grant me this boon,
shubh karman te kabhu na taraun
May I never refrain from righteous acts,
Na daron arr siyoo jab jai laroon
That I might fight without fear of all foes,
nischai kar apni jeet karaun
and with firm resolve claim victory,
Arr sikh haun apne hi mun-ko
May the directive of thy glory guide my mind,
eh laa-lach hau Tau Uchraun
and my highest ambition be to sing Thy praises,
Jab aav kee aud nidhaan banay
When the time comes, for this mortal life to end,
at hee rann mein tab joojh maraun
May I die on the battlefield fighting courageously.

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 moral 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
INSTITUTE DISTINCTIVENESS

- Founded in 1975 (47 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 Computer & Spoken English Classes
- Remedial coaching
- UGC/NET Coaching
- 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.

- Skill 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 with ATM facility.
- Gen Set make Kirloskar for 24 hrs. Power supply
- CCTV surveillance.
- Auditorium
- Seminar Hall
- Play Grounds
- MIS
- 200 MBPS Internet
- Skill Hub

VALUE BASED CELEBRATIONS

COLLEGE FOUNDATION DAY 6 FEB., 2023

NEWSLETTER 2022 RELEASED

INDEPENDENCE DAY 15TH AUGUST, 2022

INAUGRATION OF JOB FAIR BY S. CHARANJIT SINGH CHANNI (CHIEF MINISTER)

CELEBRATED REPUBLIC DAY 26TH JANUARY, 2023

YOUTH FESTIVAL 2022

TEACHER DAY 5TH SEPTEMBER, 2022

SKILL HUB INTIATIVE 13TH FEBRUARY, 2022

CONVOCATION CEREMONY 2022

NATIONAL SEMINAR MAY 2023

ANNUAL SPORTS MEET PRIZE DISTRIBUTION - 10 MARCH, 2023

SKILL HUB BY NSDC

WORLD THEATRE DAY

NSDC SKILL CERTIFICATION COURSES

MEGA JOB FESTIVAL

PRIZE DISTRIBUTION CEREMONY FOR NSS CAMP PARTICIPANTS

MANAGEMENT COMMIITTE WELCOMES DEPUTY COMMISSIONER MA'AM SONALI GIRI

TREE PLANTATION BY DEPUTY COMMISSIONER MA'AM SONALI GIRI

TEEJ CELEBRATION 2022

CERTIFICATE DISTRIBUTION OF VALUE ADDED COURSES

VALUE BASED CELEBRATIONS

COLLEGE FACULTY

PRINCIPAL
Dr. Satwant Kaur Shahi

PHYSICAL SCIENCE DEPARTMENT

CHEMISTRY
Dr. Satwant Kaur Shahi (Asso. Prof.)
Astt. Prof. Parminder Kaur
Astt. Prof. Himani Saini
Astt. Prof. Amanjot Kaur

PHYSICS
Astt. Prof. Neha Chouhan
Dr. Deepika Goyal
Astt. Prof. Pooja

COMPUTER DEPARTMENT
Asst. Prof. Rakesh Joshi
Asst. Prof. Dinesh Kumar
Asst. Prof. Manpreet Kaur
Asst. Prof. Neetu Sharma
Asst. Prof. Kirandeep Kaur
Asst. Prof. Rupinder Kaur
Asst. Prof. Gursharan Kaur

MANAGEMENT DEPARTMENT
Asst. Prof. Gurlal Singh
Asst. Prof. Preetkamal Kaur
Asst. Prof. Gurinder Singh
Astt. Prof. Harpreet Kaur

BIOTECHNOLOGY & FOOD PROCESSING
Dr. Mamta Arora (Asso. Prof.)
Astt. Prof. Manpreet Kaur
Astt. Prof. Jaspreet Kaur
Dr. Avni Vij
Dr. Sukhdev Singh
Astt. Prof. Navjot Bharti
Astt. Prof. Harshita Saini
Astt. Prof. Amanjot Kaur
Astt. Prof. Pallavi Verma
Astt. Prof. Gurvinder Kaur

COMMERCE DEPARTMENT
Asst. Prof. Ishu Bala
Dr. Nripinder Kaur
Asst. Prof. Gagandeep Kaur
Asst. Prof. Navneet Kaur

MATHEMATICS DEPARTMENT
Dr. Anakh Singh Sachdev
Astt. Prof. Rupinder Kaur
Astt. Prof. Kirandeep Kaur
Astt. Prof. Sapinder Kaur
Astt. Prof. Pooja Saini

PHYSICAL EDUCATION DEPARTMENT
Astt. Prof. Pritpal Singh (DPE)
Astt. Prof. Amarjit Singh (DPE)

HUMANITIES DEPARTMENT

PUNJABI
Dr. Harpeet Kaur
Astt. Prof. Harpreet Singh
Dr. Surjit Kaur
Astt. Prof. Jaspreet Singh
Dr. Tajinder Kaur

POLITICAL SCIENCE
Astt. Prof. Rozy Rani

HISTORY
Astt. Prof. Sunita Rani

ECONOMICS
Dr. Kuldeep Kaur

ENGLISH
Astt. Prof. Gagandeep Kaur
Dr. Sandeep Kaur
Astt. Prof. Harleen Kaur

LIBRARY DEPARTMENT
Smt. Seema Thakur
Smt. Nisha
Sh. Arshdeep Pal Singh
Sh. Manpreet Singh

OFFICE STAFF
Sh. Ashok Kumar (Sr. Supdtt.)
Smt. Jasvir Kaur (Supdtt.)
Sh. Khalil Mohammad (Clerk)
Smt. Meena Saini (Clerk)

LAB STAFF
Sh. Sohan Singh
Sh. Amandeep Singh
Sh. Gurmeet Singh
Smt. Sarabjit Kaur
Sh. Harjit Singh

SUPPORTING STAFF
Sh. Harjit Singh
Sh. Gurdev Singh
Sh. Baljeet Singh
Sh. Rajwant Singh
Sh. Gurjinder Singh
Sh. Butta Singh
Smt. Daljit Kaur
Sh. Dalip Singh (Gate Keeper)
Sh. Tarlochan Singh
Mrs. Sukhwinder Kaur
Mrs. Karamjeet Kaur

CONTACT DETAILS OF H.O.D.'s

CHEMISTRY

Dr. Satwant Kaur Shahi
98156-20645

PHYSICS

A.P. Parminder Kaur
97810-11661

BIOTECHONOLOGY (P.G. Deptt.)
&
FOOD PROCESSING (P.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.)

Dr. Anakh Singh
78372-47088

HUMANITIES

A.P. Sunita Rani
99887-35295

PUNJABI
Dr. Harpreet Kaur
95016-99033

ENGLISH
A.P. Gagandeep Kaur
99140-02485

PHYSICAL EDUCATION
& SPORTS

Lt. A.P. Pritpal Singh
99144-36900

HELPLINE

Internal Complaint Cell
(For grievances related to women sexual harassment at work place)
Dr. Satwant Kaur Shahi 9815620645 | Ms. Sunita 9988735295 | Mrs. Manpreet kaur 6284088561 | Toll Free No. 1800-111-656

Important Helpline
Principal 9815620645 | Anti-ragging /Internal Complaint Cell/ Women Cell 9815620645
Minority Cell 9417820125 | Examination (University) 9465372056 | Sessional Examination 7009398850
Scholarship 9056998512 | IQAC 9463027367 | Grievance Cell 7009398850 | Dispensary 9463134416
Office/Ambulance 9814024820 | Admission Cell 9815620645

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 = 16770	
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. 2000/- per month.
Mess fee is Rs. 2500/- 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 2023-24

REVISED ACADEMIC CALENDAR*

Summer Break	1/07/2023 to 29/07/2023
Winter Break	24/12/2023 to 07/01/2024
Date of Opening of College	30/07/2023 onwards

Calendar of Semester System

Study of Odd Semester	01/08/2023 to 18/11/2023
Exam of Odd Semester	01/12/2023
Study of Even Semester	16/01/2024 to 05/05/2024
Exam of Even Semester	17/05/2024 onwards

Admission Schedule for Semester System
Regular Admissions: as per dates of Punjabi university, Patiala

Rs. 500/ Late Fee and Approval from Principal: as per dates of Punjabi university, Patiala

Rs. 1000/Late Fee and Approval from Dean College Development Council:as per dates of Punjabi university, Patiala

Rs. 1500/Late Fee and Approval from Vice Chancellor: as per dates of Punjabi university, Patiala

Rs. 2000 Late Fee and Approval from Academic Council & Vice Chancellor: as per dates of Punjabi university, Patiala

* Admission Schedule for Under graduate, Post Graduate programs will be as per Punjabi University Patiala, Norms. (* will be displayed on website www.belacollege.org

INGRAINED ENACTMENTS

No.	Event	Date
1.	Faculty Development Programme	July 2023
2.	Fresher's Party	September 2023
3.	Van Mahautsav Day	September 2023
4.	Teachers Day Celebration	5th September 2023
5.	NSS Day	24 September 2023
6.	National Blood Donation Day	1st October 2023
7.	Quiz Competition on ICR	October 2023
8.	Talent Hunt Competition	October 2023
9.	Zonal Youth Festival	October 2023
10.	Children Day	November 2023
11.	N.C.C. Day	23 November 2023
12.	Human Right Conference	November 2023
13.	Personality Development Programme	November 2023
14.	World AIDS Day	1 December 2023
15.	Shaheedi Jod Mela Sahibzada Ajit Singh & Sahibzada Jujhar Singh	December 2023
16.	World Human Rights Day	10 December 2023
17.	College Foundation Day	6 February 2024
18.	Annual Sports Day	February 2024
19.	International Language Day	21 February 2024
20.	National Science Day	28 February, 2024
21.	Workshop on Research Methodology	February 2024
22.	Annual Prize Distribution Function	February-March 2024
23.	Shaheed Bhagat Singh Memorial Day	23 March 2024
24.	International Women Day	8 March 2024
25.	Farewell Party	March 2024
26.	World Health Day	7 April 2024
27.	International Yoga Day	21 June 2024

# ACADEMIC CALENDAR FOR ODD & EVEN SEMESTER 2023-2024 (IQAC)

ODD SEMESTER

Event	Description	Dates
Academic Registration of New Session	For all UG/PG Students	01/08/2023
Time-Table Finalization	Time Table of Odd Semester	08/08/2023
Program Change/Subject final registrarion	Change of courses for students	upto 30/08/2023
Beginning of Classes	For all new UG/PG students	03/08/2023
Orientation Program/Mentor Mentee Allocation	All New UG/PGStudents	03/08/2023-08/08/2023
Submission of first CIE to HODs (Assignments/ppt./Seminars)	Submission as per guidelines passed by Academic Council and available on website	30/09/2023*
House Examinations (MST-I)	First -Term Examination	19/10/2023 to 24/10/2023
Evaluation/Assessment	Last date of Showing answer-sheets to students and submit award list to HOD's	26/10/2023
	Last date for submission marks list to examination cell	28/10/2023
Submission of second CIE to HODs (Assignments/ppt./Seminars)	Submission as per guidelines passed by Academic Council and available on website	15/11/2023
Submission of seminar/Projects/ Internship/Workshop/field work/ Experiential learning	Submission of data to IQAC	15/12/2023
House Examinations(MST-II)	Mid -Term Examination -II	11/12/2023 to 19/12/2023
Evaluation/Assessment	Last date of Showing answer-sheets to students and submit award list to HOD's	22/12/2023
	Last date for submission marks list to examination cell	24/12/2023
Feedback System on Curriculum /TLP/Others	Filling of Feedback Forms by all students	11/12/2023-19/12/2023
Modules Culmination	For all UG /PG students	06/01/2024
Examinations	University Examination	11/01/2024 Onwards
Break / Vacation	Winter break for Students	11/01/2024-22/01/2024

EVEN SEMESTER

Event	Description	Dates
Classes Start	For all UG/PG Students	15/01/2024
Submission of first CIE to HODs (Assignments/ppt./Seminars)	Submission as per guidelines passed by Academic Council and available on website	28/02/2024
House Examinations (MST-I)	First-Term Examination	26/02/2024 to 05/03/2024
Evaluation/Assessment	Last date of Showing answer sheets to students and submit award list to HOD's	08/03/2024
	Last date of submission marks list to examination cell	09/03/2024
Submission of second CIE to HODs (Assignments/ppt./ Seminars)	Submission as per guidelines passed by Academic Council & available on website	31/03/2024
Submission of Seminars/Projects/Internship/Workshop /Field Work/Experiential learning	Submission as per guidelines passed by Academic Council & available on website	25/04/2024
House Examinations (MST-II)	Mid-Term Examination-II	26/04/2024 to 03/05/2024
Evaluation/Assessment	Last date of Showing answer-sheets to students and submit award list to HODs	04/05/2024
	Last date for submission marks list to examination cell	06/05/2024
Feedback System on Curriculum/TLP/Others	Filling of Feedback Forms by all students	07/05/2024-13/05/2024
Modules Culmination	For all UG/PG students	31/05/2024

* Subject to change as per Govt. Guidelines.

POST GRADUATE PROGRAMS

30 M.Sc. (Biotechnology)

30 M.Com

30 M.Sc. (Mathematics)

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

30 M.A. (Punjabi)

30 M.Voc. (Food Processing)

30 PGDCA
Post Graduate Diploma in
Computer Application

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

Automated Library

Sophisticated Instrumentation Labs.

Hi Tech Computer Labs.

Ultramodern Well Equipped Labs.

M.Sc. (Biotechnology)
(Details of Academic Programs)

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

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

Eligibility for M.Sc (Biotechnology)

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

BTPM-1101-T	Paper I	: Principles of Biochemistry	100 Marks
BTPM-1102-T	Paper II	: Molecular Genetics	100 Marks
BTPM-1103-T	Paper III	: Introductory Microbiology	100 Marks
BTPM-1104-T	Paper IV	: Immunology	100 Marks

PRACTICAL PAPERS

BTPM-1101-L	Practical Paper I: Pertaining to theory paper I and II	100 Marks
BTPM-1102-L	Practical Paper II: Pertaining to theory paper III and IV	100 Marks
Total		**600 Marks**

M.Sc. (BIOTECHNOLOGY)
(Details of Academic Programs)

Semester-II
THEORY PAPERS

BTPM-1201-T	Paper V: Genetic Engineering	100 Marks
BTPM-1202-T	Paper VI: Molecular Biophysics	100 Marks
BTPM-1203-T	Paper VII: Fundamentals of Bioprocess Development	100 Marks
BTPM-1204-T	Paper VIII: Fundamentals of Fermentation Technology	100 Marks

PRACTICAL PAPERS

BTPM-1201-L	Practical Paper III: Pertaining to theory paper V and VI	100 Marks
BTPM-1201-L	Practical Paper IV: Pertaining to theory paper VII and VIII	100 Marks
Total		**600 Marks**

Semester-III
THEORY PAPERS

BTPM-1301-T	Paper IX: Enzymology	100 Marks
BTPM-1302-T	Paper X: Microbial & Food Technology	100 Marks
BTPM-1303-T	Paper XI: Environmental Biotechnology	100 Marks
BTPM-1304-T	Paper XII: Commercial Biotechnology	100 Marks

PRACTICAL PAPERS

BTPM-1301-L	Practical Paper V: Pertaining to theory paper IX and X	100 Marks
BTPM-1302-L	Practical Paper VI: Pertaining to theory paper XI and XII	100 Marks
Total		**600 Marks**

Semester-IV
THEORY PAPERS

BTPM-1401-T	Paper XIII: Tissue & Cell Culture Technology	100 Marks
BTPM-1402-T	Paper XIV: Research Methodology	100 Marks
BTPM-1403-T	Paper XV: Computers & Biostatistics	100 Marks
BTPM-1404-T	Paper XVI: Fundamentals of Bioinformatics	100 Marks

PRACTICAL PAPER

BTPM-1401-L	Practical Paper VII: Pertaining to theory paper XIII and XIV	100 Marks
BTPM-1402-L	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.

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

The specific objectives of the Programme are:

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

ELIGIBILTY CONDITION FOR ADMISSION TO M.COM. COURSE

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

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

PLACEMENT OPPORTUNITIES

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

OUTLINES OF PAPERS

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	Research Methodology & Statistical	70	30

ELECTIVE PAPER (ANY ONE GROUP)

GROUP (I): ACCOUNTING & MANAGEMENT

	Theory	Internal Assessment
MC 105(i) Accounting Theory & International Accounting	70	30

GROUP (II): FINANCE

	Theory	Internal Assessment
MC 105(ii) Financial Management	70	30

SEMESTER-II

		Theory	Internal Assessment
MC 201	Advance Accounting	70	30
MC 202	Business Environment	70	30
MC 203	E-Commerce	70	30
MC 204	Seminar (Based upon current issues relating to Commerce)	50	

ELECTIVE PAPER (ANY ONE GROUP)

GROUP (I): ACCOUNTING & MANAGEMENT

	Theory	Internal Assessment
MC 205(i) Management Information & Control System	70	30

GROUP (II): FINANCE

	Theory	Internal Assessment
MC 205(ii) Financial Institutions & Markets	70	30

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

	Theory	Internal Assessment
MC 305(I) Project Management	70	30

GROUP (II): FINANCE

	Theory	Internal Assessment
MC 305(ii) Management of Financial Services	70	30

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

	Theory	Internal Assessment
MC 405(I) Corporate Governance	70	30

GROUP (II): FINANCE

	Theory	Internal Assessment
MC 405(ii) International Finance	70	30

ACTIVITIES OF COMMERCE DEPARTMENT

Bela, Punjab, India
WCP4+4V9, Bela, Punjab 140111, India
Lat 30.935278°
Long 76.407514°

Rupnagar, PB, India
Chamkaur Sahib, Rupnagar, 14
India
Lat 30.935260, Long 76.40751
12/08/2022 11:22 AM GMT+0!

Bela, Punjab, India
WCP5+823 Park bela college, Bela, Punjab

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 CSIR 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 CSIR 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 70 and Internal marks are 30.

SEMESTER-I

Paper-I	MATM1101T	ALGEBRA-I
Paper-II	MATM1102T	MATHEMATICAL ANALYSIS
Paper-III	MATM1103T	TOPOLOGY I
Paper-IV	MATM1104T	DIFFERENTIAL GEOMETRY
Paper-V	MATM1104T (A)	INTRODUCTION TO COMPUTER PROGRAMMING USING C
	MATM1104T(B)	SOFTWARE LABORATORY (C- Programming)

SEMESTER-II

Paper-I	MATM1201T	ALGEBRA-II (RINGS AND MODULES)
Paper-II	MATM1202T	TOPOLOGY II
Paper-III	MATM1203T	DIFFERENTIAL EQUATIONS
Paper-IV	MATM1204T	COMPLEX ANALYSIS
Paper-V	MATM1206T	FUNCTIONAL ANALYSIS

SEMESTER-III
ELECTIVES (Any five of the following list of optional)

Paper – I	MATM2101T	DIFFERENTIABLE MANIFOLDS
Paper – II	MATM2102T	FIELD THEORY
Paper – III	MATM2103T	DIFFERENTIAL EQUATIONS -II
Paper – IV	MATM2104T	CATEGORY THEORY - I
Paper – V	MATM2112T	NUMERICAL ANALYSIS
Paper – VI	MATM2105T	COMPLEX ANALYSIS - II
Paper – VII	MATM2106T	CLASSICAL MECHANICS
Paper – VIII	MATM2107T	ALGEBRAIC TOPOLOGY
Paper – X	MATM2108T	OPTIMIZATION TECHNIQUES-1
Paper – XI	MATM2109T	FUZZY SETS & APPLICATION
Paper - XII	MATM2110T	SOLID MECHANICS
Paper - XIII	MATM2111T	FUNCTIONAL ANALYSIS

SEMESTER-IV (Any five of the followings)

Paper – I	MATM2201T	HOMOLOGY THEORY
Paper – II	MATM2202T	THEORY OF LINEAR OPERATORS
Paper – III	MATM2203T	LIE GROUPS AND COMPLEX MANIFOLD
Paper – IV	MATM2204T	CATEGORY THEORY - II
Paper – V	MATM2205T	OPTIMIZATION TECHNIQUES - II
Paper – VI	MATM2206T	HOMOLOGICAL ALGEBRA
Paper – VII	MATM2207T	FINITE ELEMENTS METHODS
Paper – VIII	MATM2208T	FLUID MECHANICS
Paper – IX	MATM2209T	ALGEBRAIC CODING THEORY
Paper – X	MATM2210T	COMMUTATIVE ALGEBRA
Paper – XI	MATM2211T	OPERATIONS RESEARCH
Paper – XII	MATM2212T	WAVELETS
Paper – XIII	MATM2213T	NON LINEAR PROGRAMMING
Paper – XIV	MATM2214T	MATHEMATICS OF FINANCE
Paper – XV	MATM2215T	MATHEMATICAL METHODS
Paper – XVI	MATM2216T	ANALYTIC NUMBER THEORY

SCOPE

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

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

DURATION OF COURSE

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

ELIGIBILITY FOR ADMISSION

Graduation with atleast 50 % marks.

Ist Year Semester-I		Univ. Exam Marks	Int. Ass. Marks
MITM-1101T	Introduction to Information Technology	70	30
MITM-1102T	Computer Programming using C	70	30
MITM-1103T	Computer Organization & Architecture	70	30
MITM-1104T	Mathematical Foundation of Computer Science	70	30
MITM-1105L	Programming Lab-I (based on MITM1102T)	70	30
MITM-1106L	Programming Lab-II (based on MITM1103T)	70	30
Semester-II			
MITM-1201T	Database Management System	70	30
MITM-1202T	Programming with Python	70	30
MITM-1203T	Operating System	70	30
MITM-1204T	Computer Organization & Architecture	70	30
MITM-1205L	Programming Lab-III (based on MITM1201T)	70	30
MITM-1206L	Programming Lab-IV (based on MITM1202T)	70	30

2nd Year
Semester System-III

		External	Internal
MITM-2101T	Object Oriented Programming using C++	70	30
MITM-2102T	Data & File Structure	70	30
MITM-2103T	Software Engineering	70	30
MITM-2104T	Computer Networks	70	30
MITM-2105L	Programming Lab-V (Based on MITM-2101T)	70	30
MITM-2106L	Programming Lab-VI (Based on MITM-2102T))	70	30

Semester System-IV

MITM-2201T	Algorithm Design & Analysis	70	30
MITM-2202T	Computer Graphics	70	30
MITM-2203T	Artificial Intelligence	70	30
MITM-2204T	Minor Project	70	30
MITM-2205L	Programming Lab-VII (Based on MITM-2201T)	70	30
MITM-2206L	Programming Lab-VIII (Based on MITM-2202T)	70	30

CONTINUOUS ASSESSMENT (THEORY PAPERS)

Two tests will be conducted during the Semester. Both the tests will be considered for assessment.	60% of the marks allotted for Continuous 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	

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

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

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

- Application Programmer
- Computer Support Specialist
- Information Security Coordinator
- Information Technologist
- Enterprise Information Officer

- Computer Information Specialist
- Information Architect
- Information Systems Manager
- Database Administrator
- Graphic Designer

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

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

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

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

- Data Analyst
- Game Developer

- Network Analyst
- Quality Assurance Analyst
- Software Developer
- Database Administrator

- Network Administrator

- Database Manager
- IT Support

- QA Tester
- Program Manager
- Software marketer
- Business Systems

- Systems Manager

Quotes writing competition on world earth day

Model Making Competition

एस. राधाकृष्णन परिसर
S. RADHAKRISHNAN COMPLEX

Educational Visit

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
SEMESTER-I				
PGDCA-101	Fundamentals of Information Technology	70	30	100
PGDCA-102	Operating Systems	70	30	100
PGDCA-103	Problem Solving Using C	70	30	100
PGDCA-104	Software Lab – I Office Automation and Productivity Tools	40	60	100
PGDCA-105	Software Lab – II Programming Fundamentals through "C" Language	40	60	100
SEMESTER-II				
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
Insurance Firms
Health Industry
Entertainment sector
Electronic Industry
Research Firms
Educational Organizations
Banking Industry

- Automobiles
- Business
- Information Technology
- Manufacturing
- Defense
- Electronics
- Police
- Railways

- Banking
- Entertainment
- Finance
- Communication
- Education
- Marketing
- Product Manufacturing

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

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

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

ELIGIBILITY FOR ADMISSION

Graduate in any subject

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

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

i. Has been on the rolls of the Department/College throughout the year preceding the examination.

ii. 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.

M.Voc. FOOD PROCESSING

M.Voc. course helps students to become industry ready and gives students excellent opportunity to acquire skills and apply them in the 6 months industry internship which is a part of the curriculum.

Masters of vocational or M.Voc. in Food Processing is a two year post graduate program with 4 semester of study. Master of Vocational programmes will provide Industry, relevant skills & knowledge in a specified job role to become a trained professional in that industry as it as core, it is a vocational training program. It is an ideal PG course of or canidates who have completed relevant bachelor's degree of Voc. Course.

MULTIPLE ENTRY EXIT PROVISION
• A candidate entering the first year has options to do a one-year post graduate Diploma.
•

DURATION :
2 years (4 Semesters)

HIGHLIGHTS :
• This programme is under the Skill India initiative by Govt of India, the multi-entry multi-exit program offers the opportunity to get trained in job-oriented Food Processing courses.
• The curriculum is designed to provide training from entry-level jobs to entrepreneurship.
• The course provides vertical and horizontal mobility to fit students' interest.
• The course content is designed to equip the students with industry-specific skills via industry internship/project for a period of 6 months as a part of the curriculum.
• Our college has MoUs and tie-ups with various food processing industries within and outside punjab to provide internship opportunities for the students.
•

EMPLOYABILITY :
The course is also designed to groom the students into entrepreneurs. Candidates with M.Voc are employable as Executive/Officer/Technical Officer/Scientific Officer/Scientist in R&D/QA/QC and production divisions of food and beverage, pharma, nutraceutical and herbal industries.

Semester-1
THEORY PAPERS

FDPM-1101-C	Nutritional Science & Food Chemistry	Core I
FDPM-1102-C	Advances in Food Processing & Prevention	Core II
FDPM-1103-C	Advances in Dairy & Meat Technology	Core III
FDPM-1104-C (Opt.-I)	Food Bio-Technology	Elective I
FDPM-1105-C (Opt.-II)	Applied Food Microbiology	Elective I
	Industrial Visit	

Semester-2
THEORY PAPERS

FDPM-1201-C	Food Quality Control & Quality Assurance	Core IV
FDPM-1202-C	Bakery, Confectionary & Functional Food	Core V
FDPM-1203-C	Food Engineering & Functional Concepts for Food Plant Design	Core VI
FDPM-1204-C (Opt.-I)	Pseudo-Cereals, Millets & Oil Seed Technology	Elective II
FDPM-1205-C (Opt.-II)	Cereal, Pulses & Spice Processing	Elective II
	Industrial Summer Training	
	NSFQ Level 8 (As per National Skill Qualification Framework)	

Semester-3
THEORY PAPERS

FDPM-2101-C	Food Product & Development, Entrepreneurship & IPRs	Core VII
FDPM-2102-C	Food Packaging & Marketing	Core VIII
FDPM-2103-C	Advances in Fruit, Vegetable & Beverages Technology	Core IX
FDPM-2104-C (Opt.-I)	Food Supply Chain & Statistics	Elective III
FDPM-2105-C (Opt.-II)	Waste Management in Food Industry	Elective III
	Industrial Visit	

Semester-4
THEORY PAPERS

FDPM-2201-L	Industrial/Institutional Project	Core X
	NSFQ Level 9 (As per National Skill Qualification Framework)	

M.A. PUNJABI

TRUST AREA

· **Resource Material Production in Punjabi Language, Literature and Culture**

· **Diasporic Study (Study of Language, Literature and Culture in Diaspora)**

· **Cultural and Subaltern Studies: In Context of Contemporary Social Problems (Gender Bias, Addiction, Rural poverty, Plight of Dalits, Problems of Differently Able People, Environmental pollution, female foeticide)**

· **Language and Media Studies**

ਐਮ.ਏ. ਪੰਜਾਬੀ ਭਾਗ ਪਹਿਲਾ (ਸਮੈਸਟਰ ਪਹਿਲਾ)

Serial Number	Code	Title of Course	Internal Asessment	External Exam	Total Marks
1.	PBR-1010	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ-1	20	60	80
2.	PBR-1020	ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ-1	20	60	80
3.	PBR-1030	ਪੰਜਾਬੀ ਨਾਟਕ-1	20	60	80
4.	PBR-1040	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ-1	20	60	80
5.	PBR-1051	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ-1	20	60	80

ਐਮ.ਏ. ਪੰਜਾਬੀ ਭਾਗ ਪਹਿਲਾ (ਸਮੈਸਟਰ ਦੂਜਾ)

Serial Number	Code	Title of Course	Internal Asessment	External Exam	Total Marks
1.	PBR-1080	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ-2	20	60	80
2.	PBR-1090	ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ-2	20	60	80
3.	PBR-1100	ਪੰਜਾਬੀ ਨਾਟਕ-2	20	60	80
4.	PBR-1110	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ-2	20	60	80
5.	PBR-1121	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ-2	20	60	80

ਐਮ.ਏ. ਪੰਜਾਬੀ ਭਾਗ ਦੂਜਾ (ਸਮੈਸਟਰ ਤੀਜਾ)

Serial Number	Code	Title of Course PBR-1052	Internal Asessment	External Exam	Total Marks
1.	PBR-2010	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ	20	60	80
2.	PBR-2020	ਸੱਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ	20	60	80
3.	PBR-2030	ਗੁਰਮਤਿ ਕਾਵਿ-1	20	60	80
4.	PBR-2040	ਪੰਜਾਬੀ ਵਾਰਤਕ-1	20	60	80
5.	PBR-2050	ਸੂਫੀ ਅਤੇ ਬੀਰ ਕਾਵਿ-1	20	60	80

ਐਮ.ਏ. ਪੰਜਾਬੀ ਭਾਗ ਦੂਜਾ (ਸਮੈਸਟਰ ਚੌਥਾ)

Serial Number	Code	Title of Course	Internal Asessment	External Exam	Total Marks
1.	PBR-2090	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ	20	60	80
2.	PBR-2100	ਲੋਕਧਾਰਾ ਤੇ ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ	20	60	80
3.	PBR-2110	ਗੁਰਮਤਿ ਕਾਵਿ-2	20	60	80
4.	PBR-2120	ਪੰਜਾਬੀ ਵਾਰਤਕ-2	20	60	80
5.	PBR-2130	ਕਿੱਸਾ ਕਾਵਿ	20	60	80

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)
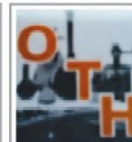
B. Voc.(FOOD PROCESSING)
Details of Academic Programs

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.

Certification by Food Processing Sector Skill Council of India

Semester-1

FDPB-1101-T	Punjabi-1 (Qualifying)
FDPB-1102-T	Introduction to Computers
FDPB-1103-T	Documentation in Food Processing
FDPB-1104-T	Basics of Food Processing
FDPB-1105-T	Dairy Processing

Semester-2

FDPB-1201-T	Punjabi-2 (Qualifying)
FDPB-1202-T	Holistic Development (Personality Development)
FDPB-1203-T	Basics of Food Packaging
FDPB-1204-T	Introduction Food Microbiology
FDPB-1205-T	Food Products Packaging Technology
FDPB-1206-T	Drug Abuse Problem Management & Prevention (Qualifying)

Semester-3

FDPB-2101-T	Communication Skill
FDPB-2102-T	Introduction to Grain Milling & Machineries
FDPB-2103-T	Fundamental Food Bio-Chemistry
FDPB-2104-T	Introduction to Cereal & Legume Processing
FDPB-2105-T	Fundamentals of Food & Nutrition

Semester-4

FDPB-2202-T	Holistic Development - II
FDPB-2203-T	Food Spoilage & Control
FDPB-2204-T	Quality Control & Regulations
FDPB-2205-T	Fruits & Vegetables Processing

Semester-5

FDPB-3101-T	Communications Skill - II
FDPB-3102-T	Marketing & Retail Management
FDPB-3103-T	Sugar Processing Technology
FDPB-3104-T	Food Industry Waste Management
FDPB-3105-T	Entrepreneurship Development in Food Processing

Semester-6

FDPB-3201-L	Industrial Training/Institutional Project
OP - 7	OP Production Manager or any OP of Level 7

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SINGH JUJHAR SINGH MEMORIAL COLLEGE, BELA
Brought to you
OOD BAZAAR'
Think Global Eat Local

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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		

B.Voc. RET (Renewable Energy Technology)

Scope of Course

B.Voc RET (Renewable Energy Technology) is an emerging skill oriented course that aims at providing adequate skills required for a particular trade. Renewable energy particularly solar energy is the most promising alternatives for a cleaner and greener future produced from sources that do not deplete or can be replenished with human life time. There is a huge demand set by Government of India for RE to have skilled manpower in every area of RE including installation, System designing, operations, maintenance, financing, equipment manufacturing and marketing.

Renewable energy is reliable and plentiful. It includes solar, wind, biogas, geothermal and hydropower energy, plus biofuels that are grown and harvested without fossil fuels.

India was the first country in the world to set up a ministry of non-conventional energy resources, in early 1980s. Renewable energy in India

Renewable Energy Technology Industry in India

comes under the purview of the Ministry of New and Renewable Energy (MNRE).India is the 4th most lucrative market for renewable energy across the globe. It has also earned the 5th position in the world for total solar capacity installed so far. As the country has recently emerged as the largest market for solar PV worldwide, the industry offers voluminous opportunities for growth.

JOB OPPORTUNITIES

The Ministry of New and Renewable Energy (MNRE) has set an ambitious target of achieving 175 GW of renewable energy capacity by 2022. These include 100 GW of solar capacity addition and 60 GW of wind power capacity. Government plans to establish renewable energy capacity of 500 GW by 2030. In addition, renewable energy has the potential to create many employment opportunities at all levels, especially in rural areas. It is expected that by the year 2040, around 49 per cent of the total electricity will be generated by the renewable energy. Further, renewable energy storage market in India is also expected to witness robust growth, over the next decade.

Econometric analysis of realistic renewable energy deployment out to 2042 shows that India's renewable energy sector, including the solar and wind power generation segments, could create new job opportunities between 2 million and 4.5 million over the next 25 years, according to a new detailed study of the country's energy sector.

In every area,skilled manpower in installation, System designing, operations, maintenance, financing, equipment manufacturing, marketing and as Renewable Energy Consultant, Green Construction Manager, Solar Project Manager, Wind Farm Site Manager, Renewable Energy Sales Representative is required.

Top recruiters of B.Voc students are -Bosch solar solutions, HFM solar power private limited, global power industry etc. and Acme Solar Holdings, Adani, Greenko Energy Holdings, Azure Power, Tata Power, Renew Power, NTPC, Avaada Power, Hero future Energies, NLC, Sembcorp, Mytrah Energy, CLP, Continuum Energy, Torrent Power are main solar and wind energy Companies in Renewable Energy Sector.
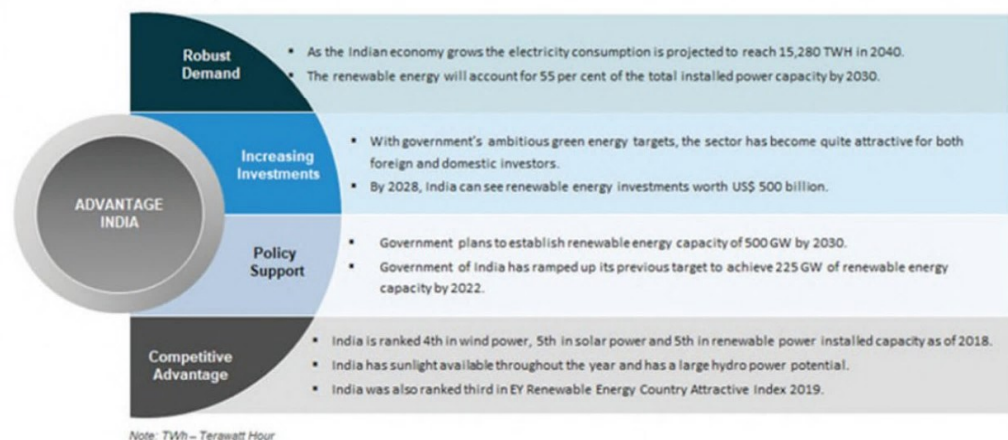
Under Graduate Programs

60 **B.Com**

40 **B.Sc.** (Hons.) Biotechnology

40 **BCA**

50 **BBA**

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

Separate Prospectus for B.Sc. (Non Medical) & B.A.

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.

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

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

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

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

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

SEMESTER-I

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:	Financial Accounting	100
BC - 204:	Business Laws - II	100
BC - 205:	Principles of Economics - II	100
BC - 206:	Business Mathematics	

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:	Income Tax Law - I	100
BC - 306:	Business Statistics	100

SEMESTER-IV

BC - 401:	Punjabi/ Punjab History and Culture	50
BC - 402:	English(Communication Skills)	50
BC - 403:	Company Law	100
BC - 404:	Corporate Accounting- II	100
BC - 405:	Income Tax Law-II	100
BC - 406:	Operation Research	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	Indirect Taxes	100
BC - 505	Auditing	100
BC - 506	Corporate Finance	100

SEMESTER-VI

BC - 601	Punjabi Compulsory	50
BC - 601-A	Elementary Punjabi	50
BC - 602	Management Accounting-II	100
BC - 603	Cost Accounting-II	100
BC - 604	Business Environment	100
BC - 605	Entrepreneurship E-Governance	100
BC - 606	Financial Planning	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. BIOTECHNOLOGY (Hons.) Under CBCS

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	
BTHB1101T	Biochemistry & Metabolism	BTHB1201T	Mammalian Physiology
BTHB1102T	Cell Biology	BTHB1202T	Plant Anatomy & Physiology
BTHB1103T	English-I	BTHB1203T	English-II
BTHB1104T	Biostatistics	BTHB1204T	Biotechnology & Human Welfare
BTHB1105T	Development Biology	BTHB1205T	Microbial Physiology
BTHB1106T	Chemistry-I	BTHB1206T	Chemistry-II
BTHB1107T	Punjabi-I (Elementry Punjabi)	BTHB1207T	Punjabi-II (Elementry Punjabi-II)
		BTHB1208T	Drug Abuse, Problem Management & Prevention

SEMESTER-III		SEMESTER-IV	
C5-BHB12	Genetics	BTHB1201T	Molecular Biology
C6-BHB13	General Microbiology	BTHB1202T	Immunology
C7-BHB14	Spectroscopic Techniques-I /Chemistry-III	BTHB1203T	Spectroscopic Techniques-II /Chemistry-IV
SEC1-BHB15	Enzymology	BTHB1204T	Industrial Fermentations
GE4-BHB16	Environment Biotechnology/ Ecology & Environment Management	BTHB1205T	IPR, Entrepreneurship, Biotechnics & Bio-safety/Entrepreneruship Development
		BTHB1206T	Environment & Road Safety Awareness (Qualifying)

SEMESTER-V		SEMESTER-VI	
C11-BHB23	Bioprocess Technology	C13-BHB28	Bio Analytical Tools
C12-BHB24	Recombinant DNA Technology	C14-BHB29	Genomics and Proteomics
DSE1-BHB25	Animal Biotechnology/Animal Diversity I	DSE-3BHB30	Medical Microbiology/Animal Diversity-II
DSE2-BHB26	Plant Biotechnology/Plant Diversity I	DSE-4BHB31	Bioinformations/Plant Diversity-II
GE6-BHB27	Basics of Forensic Science /Chemistry-5	GE-7BHB32	Food Biotechnology/Chemistry-6

JOB OPPORTUNITIES AFTER B.Sc. BIOTECHNOLOGY

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

- Agriculture
- Animal Husbandry
- Environment Conservation
- Genetic Engineering
- Health Care
- Medicine
- Industrial Research and Development

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

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

Career opportunities for students in Biotechnology abound. Those specializing in different 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.

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
SEMESTER-I				
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
SEMESTER-II				
BCA-121	General English – II	75	25*	100
BCA-122	Punjabi (Compulsory) or			
	Punjabi Compulsory (Mudla Gyan) **	35	15	50
BCA-123	Digital Electronics	75	25	100
BCA-124	Data Structures	75	25	100
BCA-125	Basic Mathematics	75	25	100
BCA-126	Software Lab – III (based on BCA-124:			
	Data Structures)	60	40	100
SEMESTER-III				
BCA-211	English Communication Skills – I	75	25*	100
BCA-212	Discrete Mathematics	75	25	100
BCA-213	Computer System Organizations			
	and Architecture	75	25	100
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
BCA-218	EVS	75	25	100
SEMESTER-IV				
BCA-221	English Communication Skills – II	75	25*	100
BCA-222	Computer Network	75	25	100
BCA-223	Management Information System	75	25	100
BCA-224	CONSM	75	25	100
BCA-225	RDBMS	35	15	50
BCA-226	Software Lab – VI	35	15	50
BCA-227	Software Lab – VII	35	15	50
SEMESTER-V				
BCA-311	English Literary Skills – I	75	25*	100
BCA-312	System Analysis and Design	75	25	100
BCA-313	System Software	75	25	100
BCA-314	Java Programming	75	25	100
BCA-315	Web Designing using HTML and DHTML	75	25	100
BCA-316	Software Lab – IX (based on paper BCA-314: Java Programming)	35	15	50
BCA-317	Software Lab – X (based on paper BCA-315: Web Designing using HTML and DHTML)	35	15	50
SEMESTER-VI				
BCA-321	English Literary Skills – II	75	25*	100
BCA-322	E-Commerce	75	25	100
BCA-323	Operating Systems	75	25	100
BCA-324	Software Engineering	75	25	100
BCA-325	Web Designing using ASP.NET	75	25	100
BCA-326	Software Lab – XI (More on Java based on BCA-314: Java Programming)	35	15	50
BCA-327	Software Lab – XII (based on BCA-325: Web Designing using ASP.NET)	35	15	50

JOB OPPORTUNITIES AFTER BCA:

- GOVERNMENT SECTOR
- TEACHING
- SOFTWARE DEVELOPER
- BPO's
- DATA ENTRY OPERATORS
- INTERNET CAFÉ
- SOFTWARE INSTALLATION
- ONLINE RESERVATION OFFICES
- HARDWARE SOFTWARE MERCHANTS
- BANKING SECTOR
- MNC's
- WEBSITE DEVELOPER
- IT TECHNITIONS
- DOCUMENTATION CENTER
- SYSTEM ASSEMBLER
- TYPING TUTOR CENTER
- ONLINE BILLING WINDOWS
- 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
SEMESTER-I				
BBA-101	Communication Skills in Punjabi/ Elementary Punjabi	75	25	100
BBA-102	Business Economics-I	60	40	100
BBA-103	Business Mathematics	60	40	100
BBA-104	Business Organization and Management Principles-I	60	40	100
Practical Subject				
BBA-105	Workshop on computer applications	---	50	50
BBA-106	Seminar	---	50	50
SEMESTER-II				
BBA-201	Communication Skills in Punjabi/Elementary Punjabi	75	25	100
BBA-202	Communication Skills in English	60	40	100
BBA-203	Business Economics-II	60	40	100
BBA-204	Business Statistics	60	40	100
BBA-205	Business Organization and Management Principals-II	60	40	100
Practical Subject				
BBA-206	Workshop on Internet & E-commerce	---	50	50
BBA-207	Seminar	---	50	50
BBA-208	Viva-Voce	100		100
SEMESTER-III				
BBA-301	Principles of Human Resource Management	60	40	100
BBA-302	Business Accounting	60	40	100
BBA-303	Principles of Marketing Management	60	40	100
BBA-304	Business Laws	60	40	100
BBA-305	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-306	Workshop on Contemporary Business Issues	---	50	50
BBA-307	Seminar on Knowledge Management	---	50	50
SEMESTER-IV				
BBA-401	Financial Management	60	40	100
BBA-402	Punjabi Compulsory	40	10	50
Practical Subject				
BBA-403	Workshop on Creativity & Innovation	---	50	50
BBA-404	Seminar on Entrepreneurship	---	50	50
BBA-405	Viva- Voce	100	---	100

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

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	50	---	50
BBA-602	Project Report	100	---	100
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 them selves 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 their selves 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
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 Pratical lab.	22	08	05
5	Maths.-A	Calculus	40	10	50
6	Maths.-B	Differential equation	40	10	50
7	Maths.-C	Linear Algebra	40	10	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	Calculus - II	40	10	50
6	Maths.-B	Partial differential equation	40	10	50
7	Maths.-C	Analytic geometry	40	10	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	Analysis-I	40	10	50
6	Maths.-B	Linear Programming	40	10	50
7	Maths.-C	Mechanics	40	10	50
8	Computer (Theory)	C programming & Data base structures	45	--	45
9	Computer(Pract.)	Lab-I C programming & 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	Laser	30	10	40
3	Physics-C	Quantum Mechanics-II	30	10	40
4	Practical	Physics Practical Lab.	22	8	30
5	Maths.-A	Numerical Method	40	10	50
6	Maths.-B	Analysis - II	40	10	50
7	Maths.-C	Number Theory	40	10	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 Prcacical Lab.	22	8	30
5	Maths.-A	Abstract Algebra	40	10	50
6	Maths.-B	Mathematical Method - I	40	10	50
7	Maths.-C	Discrete Mathematics - I	40	10	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 Pratical Lab.	22	8	30
5	Maths.-A	Optimization Techniques	40	10	50
6	Maths.-B	Discrete Mathematics-II	40	10	50
7	Maths.-C	Mathematical Method -II	40	10	50
8	Computer (Theory)	Introduction to computer networking and internet programming	45	15	60
9	Computer (Pract.)	Lab-I Introduction to computer networking and internet programming	40	--	40

Computer Science
Non-Medical
Buzz

B.SC (NON-MEDICAL/ COMPUTER SCIENCE)

BSc Non-Medical

BSc Non-Medical is a three-year full-time degree program. The program is a foundational study of all non-medical subjects such as organic chemistry, waves & optics, physical chemistry, metrics, and much more. The six-semester program in the Non-Medical stream allows students to grab information both theoretical, and practical.

ELIGIBILITY:

The eligibility to satisfy for admission to the BSc Non-Medical program is mentioned below.

- 12th or 10+2 or equivalent with a minimum score of 50 percent in Science or related combinations of subjects.
- The reserved category or selected categories like ST/SC can apply with a 45 percent score.

SCOPE OF BSC NON-MEDICAL

The BSc Non-Medical is an attractive program for the category of students who are interested in studying and growing in any of the fields like Physics, Chemistry, Mathematics, Engineering, Law etc. The program is an opportunity to achieve excellence in any aforementioned streams.
Students who have completed BSc Non-Medical degrees from any UGC-approved university can work in both the private and government sector. Apart from it, having a UG degree makes candidates eligible for prestigious jobs in the government sector.

SEMESTER-1

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry- B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Physics-A Mechanics-I	30	10	40
5	Physics- B Vibration & Waves	30	10	40
6	Physics- C Electricity & Magneti	30	10	40
7	Mathematics-A Calculus-I	40	10	50
8	Mathematics-B Differential Equati	40	10	50
9	Mathematics-C Coordinate Geomet	40	10	50

SEMESTER-2

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry- B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Physics-A Mechanics-II	30	10	40
5	Physics- B Vibration & Waves-I	30	10	40
6	Physics- C Electricity & Magneti	30	10	40
7	Mathematics-A Calculus-II	40	10	50
8	Mathematics-B Differential Equati	40	10	50
9	Mathematics-C Coordinate Geomet	40	10	50
10	Punjabi	75	25	100

SEMESTER-3

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry- B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Physics- A Statistical Physics & Thermodynamics	30	10	40
5	Physics- B Optics	30	10	40
6	Physics- C Quantum Mechanics	30	10	40
7	Mathematics-A Advance Calculus-I	40	10	50
8	Mathematics-B Discrete Mathematic	40	10	50
9	Mathematics-C Mathematics Metho	40	10	50
10	Punjabi	75	25	100
11	English	75		75

SEMESTER-4

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry-B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Practical Chemistry			
5	Physics- A Statistical Physics / Thermodynamics-II	30	10	40
6	Physics- B Laser	30	10	40
7	Physics- C Quantum Mechanics	30	10	40
8	Practical Physics			
9	Mathematics-A Advance Calculus-I	40	10	50
10	Mathematics-B Discrete Mathematic	40	10	50
11	Mathematics-C Mathematics Methos	40	10	50
12	Punjabi	75	25	100
13	English	75		75

SEMESTER-5

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry- B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Practical Chemistry			
5	Physics-A Condensed Matter Physics-I	30	10	40
6	Physics- B Electronics-I	30	10	40
7	Physics- C Nuclear & Particle Phy	30	10	40
8	Practical Physics			
9	Mathematics-A Algebra-I	40	10	50
10	Mathematics-B Discrete Mathematic	40	10	50
11	Mathematics-C Mathematics Methos	40	10	50
12	Punjabi	75	25	100

SEMESTER-6

S.No.	Subject	External	Internal Assessment	Total No.
1	Chemistry -A Inorganic Chemistry	26	09	35
2	Chemistry- B Organic Chemistry	26	09	35
3	Chemistry - C Physical Chemistry	26	09	35
4	Practical Chemistry			
5	Physics- A Condensed Matter Physics-II	30	10	40
6	Physics- B Electronics-II	30	10	40
7	Physics- C Nuclear & Particle Physics	30	10	40
8	Practical Physics			
9	Mathematics-A Algebra-II	40	10	50
10	Mathematics-B Discrete Mathematic	40	10	50
11	Mathematics-C Mathematics Methos	40	10	50
12	Punjabi	75	25	100

BA

Bachelor of Arts (BA) is a 3 years undergraduate degree course that focuses on various disciplines like English, History, Political Science, Geography etc. Candidates can pursue a BA general or BA Hons program as per choice and also on the marks obtained at their +2 board exams.

Why Study Bachelor of Arts?

With over 9 million people choosing to pursue a Bachelor of Arts, BA degree has become one of the most popular courses in India. The following are some of the reasons why you should pursue BA after class 12:

- A bachelor's degree in the arts provides more diverse career opportunities than a bachelor's degree in science or commerce.
- Aspirants with a BA degree have the option of working in healthcare, Management, business, Finance, Commerce, or any other field.
- Because most government jobs and government exams, such as the SSC, require candidates to have a degree in the arts, pursuing a Bachelor of Arts is the best option for those who want to work in the government sector.
- There are just as many job opportunities for Bachelor of Arts graduates as there are for IT and Medical Courses.
- Cultural knowledge is emphasized in the Bachelor of Arts, which is not taught in other courses. Check: Fine Arts Courses.
- The Bachelor of Arts focuses more on emotional intelligence and interpersonal skills.

Eligibility Criteria

- Students must complete 10+2 from a recognized board. He/she should score more than 50% marks in class 10 and class 12 exam.

SUBJECTS:

- » PUNJABI(COMPULSORY)
- » ENGLISH(COMPULSORY)
- » PUNJABI(ELECTIVE)
- » ENGLISH(ELECTIVE)
- » HISTORY
- » POLITICAL SCIENCE
- » ECONOMICS
- » AGRO-SERVICES
- » RURAL DEVELOPMENT
- » PHYSICAL EDUCATION

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.

SPOKEN ENGLISH

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.

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

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.

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

T.V. & VIDEO PRODUCTION

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

INDUSTRY INSTITUTE PARTNERSHIP PROGRAM

NUMBER OF COLLABORATIVE ACTIVITIES FOR RESEARCH, FACULTY EXCHANGE, STUDENT EXCHANGE/ INTERNSHIP

Sr. No.	Name of the Collaborating Agency with Contact Details	Name of the Participant	Year of Collaboration	Nature of the activity
1	National Institute of Electronics & IT, Chandigarh	Computer Science Department	2020	1. Faculty Development Programe & 2. Traning
2	Rapture Bio-Technology, Mohali	Bio-Tech. Department	2015	Internship, Training Skill Enhancement
3	Rajni Herbels, Tapal Majra (Ropar)	Bio-Tech. Department	2020	Industrial Visit
4	National School of Open Schooling, Noida	Sudents doing Cutting, Tailoring, Dress Making & Indian Embroidery	2014	Dress Designing
5	Arun Logistics, Ludhiana	Bio-Tech and Food Processing Department	2015	Training , Internship
6	Mr. Bectors CRIMICA	Food Processing	2014	Training
7	INKA foods Pvt. Ltd.	Food Processing	2014	Training
8	Ludhiana Beverages Private Limited	Food Processing	2014	Training

NUMBER OF FUNCTIONAL MOUs WITH INSTITUTIONS, OTHER UNIVERSITIES, INDUSTRIES, CORPORATE HOUSES

Organisation with which MoU is signed	Activities under each MoU year wise
Non-Government Organization "Sankalp" Society	Activity: Students participating in community drug awareness program (Nukad Natak) in collaboration with SANKALAP Society.
The Ropar Central Cooperative Bank Ltd., Bela Branch, Ropar, Pb.	Activity: Student from commerce department of our college visit the Co-Operative bank, Bela to learnabout bankin processes such as banking system, different banking schemes, Account options, KYC, Online Banking etc.
Sant Kartar Singh Youth Welfare Club Bhairon Majra, Ropar 140111 (Pb.)	Activity: Students, teaching and non- teaching staff, with the help of SANT BABAKARTAR SINGH YOUTH Club actively played a major role for rehabilitation of affected people. These volunteers put a lot of hard work to made schools operational by cleaning and repainting.
Sembhi Hospital, Machhiwara, Ludhiana (Pb.)	Activity: Students of Bio-Technology department of our college had interacted with doctors and staff. Doctors gave a demonstration of equipment used in the testing laboratory and discussed the effects of antibiotics and other medicines. Students also learned how to check Hb, TLC and other blood testing procedures.
Nango Pharma Company Bhoorare, Sri Chamkaur Sahib, Ropar (Pb.)	Activity: Seminar on Pharmaceutical marketing, role & responsibilities of pharmaceutical salesperson and management.
Social Welfare Club, Kotla Nihang, Tehsil & Distt. Ropar 140001 (Pb.)	Activity: Our College helped the flood affected people for restoration of their day to day life in collaboration with SOCIAL WELFARE AND SHIWALIK SPORTS CLUB.
Kakkar Hospital, Morinda, Ropar 140111 (Pb.)	Activity:30 Students of science department of our college interacted with doctors andsupporting staff of Kakkar hospital at Morinda. Doctors discussed the clinical skills andhealth issues with the students. Students learned about blood testing techniques and lab equipment.

PROMOTION OF EQUITY

SOCIAL INCLUSIVE PRACTICES

OBJECTIVES OF EQUAL OPPORTUNITY CELL
1. To ensure equity and equal opportunity to the community at large in the college and bring about social inclusion.
2. To enhance the diversity among the students, teaching and non-teaching staff population and at the same time eliminate the perception of discrimination.
3. To create a socially congenial atmosphere for academic interaction and for the growth of healthy interpersonal relationships among the students coming from various social backgrounds.
4. To make efforts to sensitize the academic community regarding the problems associated with social exclusion as well as aspirations of the marginalized communities.
5. To help individuals or a group of students belonging to the disadvantaged section of society to contain the problems related to discrimination.
6. To look into the grievances of the weaker sectionof society and suggest amicable solution to their problems.
7. To disseminate the information related to schemes and programmes for the welfare of the socially weaker section.
8. To sensitize the college on the problems of SC/ST and other disadvantaged groups.

OBJECTIVES OF REMEDIAL COACHING :-
1. Remedial Coaching is organized at Undergraduate / Postgraduate level with the assistance of UGC.
2. It is imparted to improveacademic skills and linguistic proficiency of the students in diverse subjects.
3. It is conveyed to raise the level of comprehension of basic subjects to provide a stronger foundation for further academic work to students
4. It is instructed to strengthen the knowledge, skills and attitudes in such subjects, where quantitative and qualitative techniques and laboratory activities are involved so that proper guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently..

OBJECTIVES OF UGC/NET COACHING :-
1. To provide coaching and career Guidance among SC,ST, Minorities and OBC (Non Creamy layer as per UGC Guidelines.
2. To organise coaching classes for PG Classes M.Sc./M.Com effectively by using internal resources and External experts.
3. To prepare students for diverse competitive examinations.

OBJECTIVES OF HUMAN RIGHT EDUCATION:-
1. To enhance the knowledge and understanding of human rights as per UGC Guidelines and Punjabi University, Patiala Curriculum.
2. To foster attitudes of tolerance, respect, solidarity, and responsibility.
3. To develop skills for protecting human rights.
4. To make learners sensitive to weaker and vulnerable section of the society.

GOVERNANCE OF INSTITUTE

UNIVERSITY GRANTS COMMISSION

under 2(F) & 12 (B) act of UGC

Director public Instructions (Colleges) Govt. of Punjab (95% grant in Aid scheme)

PUNJABI UNIVERSITY PATIALA

EXTERNAL GOVERNANCE

AMAR SHAHEED BABA AJIT SINGH JUJHAR SINGH MEMORIAL COLLEGE, BELA (ROPAR) PUNJAB

EXTERNAL GOVERNANCE

MANAGING COMMITTEE

PRESIDENT   MANAGER   SECRETARY

PRINCIPAL

INTERNAL QUALITY ASSURANCE CELL	Head of the Department & Convener of various associations Academic Associations, Student Associations PTA, Alumini
ACADEMIC COUNCIL	OFFICE STAFF
CONTROLLER OF EXAMINATION	LIBRARY STAFF
INTERNAL COMPLAINT CELL	NON_TEACHING STAFF
COLLEGIATE GRIEVANCE REDRESSAL CELL	NSS & NCC (COORDINATORS)

CELLS & COMMITTEES

- EQUAL OPPORTUNITY CELL
- ANTIRAGGING COMMITTEE
- RTI
- TRAINING AND PLACEMENT CELL
- WASTE MANAGEMENT COMMITTEE
- HEALTHY ENVIRONMENT COMMITTEE
- SAY NO TO PLASTIC COMMITTEE
- RESEARCH COMMITTEE
- CARBON FOOTPRINT COMMITTEE
- LIBRARY ADVISORY COMMITTEE

- CANTEEN DISCPLINE COMMITTEE
- SOP COMMITTEE
- HONESTY SHOP COMMITTEE
- FIRST AID COMMITTEE
- BLOOD DONATION COMMITTEE
- RENEWABLE ENERGY COMMITTEE
- PAPER SAVING COMMITTEE
- VERMI COMPOSTING COMMITTEE
- WATER HARVESTING COMMITTEE
- ISR COMMITTEE

Achievements of Faculty

PAPER PUBLICATIONS/ BOOK/CHAPTERS

SWAYAM/ ARPIT NPTEL/MOOC

CONFERENCES/ FDPS/ SEMINARS

RESOURCE PERSONS

ACHIEVEMENT OF FACULTY

WEBINARS/ ON LINE TLP

MEMBERS OF BOARD OF STUDIES & FACULTIES

IGOT TRAININGS/ COVID-19
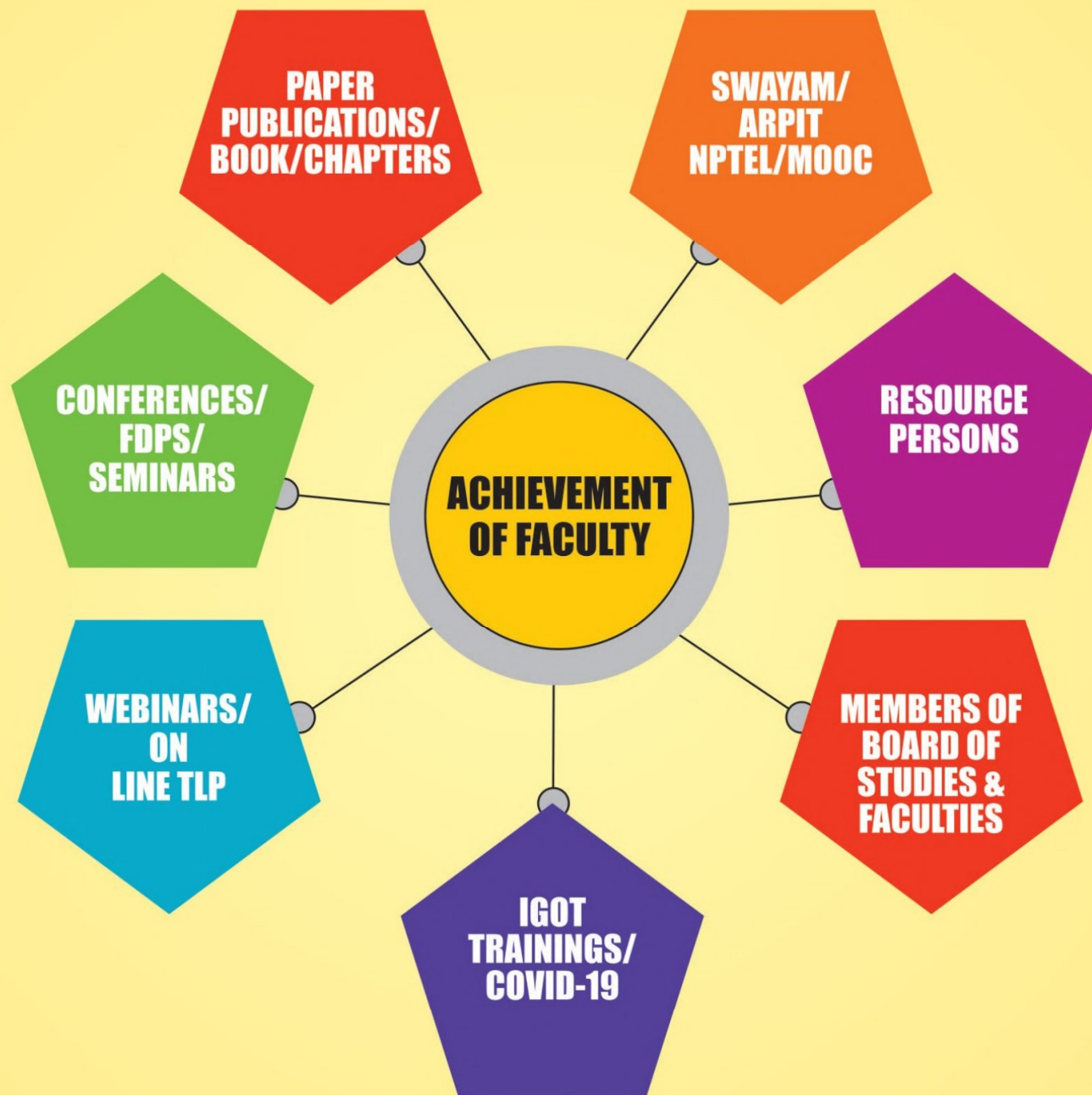
TRAINING & PLACEMENT CELL

OBJECTIVES OF TRAINING AND PLACEMENT CELL OF BELA COLLEGE:-

- To assist students to develop/clarify their academic and career interests, and their short and long-term goals through individual counselling and group sessions
- To gather information about job fairs and all relevant recruitment advertisements.
- To coordinate with companies to learn about their requirements and recruitment procedures
- To organise educational Tours and Industrial visits.
- To identify the needs and expectations of the companies to assist them in recruiting most suitable candidates.
- To organizing pre-placement training/workshops/seminars for students.
- To assist students for industrial training.
- To act as a link between students, alumni, and the employment community.
- To assist students in obtaining placement in reputed companies.

PROCESS OF ACHIEVING OBJECTIVES :-

- By displaying &highlighting articles on departmental notice boards regarding Competitive & Industrial Career Opportunities.
- By informing students about the available job opportunities in government sectors and off campus drives.
- Arranging Motivational Talks.
- Conducting Psychometric Test.
- Conducting Expectation Workshops.
- Emphasis on Communication Skills & Vocabulary
- Resume Preparation& Email Writing exercises
- Group Discussion in each department
- Development of Interview Skills
- Aptitude Training & Practice Tests
- Arranging mock Interviews.
- Conducting weekly Aptitude tests
- Communicating with industry for campus interviews.
- Mandatory educational/industrial visits and tours

N C C
'DUTY AND DISCIPLINE'

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

N S S

Activity Forum

- Flood Rescue Operation
- National Integration
- Camp Immunisation
- Adventure Programmes
- Blood Donation
- Voter Day
- Plantation
- Disaster Management

Not me But You

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.

NSS ACTIVITY CALENDAR (UNIT-II)

AMAR SHAHEED BABA AJIT SINGH JUJHAR SINGH MEMORIAL COLLEGE, BELA (ROPAR)

NSS ACTIVITY CALENDAR (UNIT-II) SESSION 2023-24

1	1 July	Van Mahautsav Day
2	10 July	Lecture on Personality Development
3	17 July	College Campus Cleanilness
4	15 Aug.	Independence Day Celebration
5	29 Aug.	Fit India Pledge Ceremony
6	5 Sept.	Teacher's Day Celebration
7	10Sept.	Lecture on First AID
8	24 Sept.	NSS Day
9	2 Oct.	Gandhi Jayanti Celebration (Essay Writting)
10	7 Oct.	Art & Craft Competition
11	18 Oct.	Poetic Recitation
12	11 Nov.	Green Diwali Celebration
13	26 Nov.	Indian Constitution Day (Slogan Writing)
14	30 Nov.	Guru Nanak Dev Ji Birthday
		EXAM BREAK
15	26 Jan.	Republic Day Celebration
16	5 Feb.	Poster Making Competition
17	12 Feb.	Rally Against Drug Abuse
18	5 March	Tree Plantation
19	7 April	World Health Day (Essay Writing)
20	7 May	Painting Competition
21	26 June	International Drug Day

N
S
S

National Service Scheme (N.S.S.) Activity Calendar

Month/Date	ACTIVITY
Last week of August	Lecture delivered by Amarjit Singh (N.S.S. Incharge)
September	One Week N.S.S. Camp (date decided by University)
Mid of October	Awareness rally about the harmful effect of drugs
End of November	Visit Prabhasara
26th January	Republic Day
Mid of February	Motorcycle Rally (Female Foeticide and Swachh Bharat)
Last of March	One Day Trip

Bela, Punjab, India
WCM5+X5W, Bela, Punjab 140111, India

Rupnagar, Punjab, India
W9HR+G5M, Punjab 140111, India

SPORTS ACHIEVEMENTS

PRATIMA CHAUHAN
B.Voc. (RINT)-III, Best Athlete Girls
Sports Meet 2022-23

JAGWINDER SINGH
PGDCA-I, Best Athlete
Sports Meet 2022-23

GURJEET SINGH (PGDCA),
Gold Medal (120Kg)
Inter University Wrestling

GURJEET SINGH (BA-1),
Silver Medal
Inter College Wrestling

SAHIL RANA (BA-1),
Bronze Medal (65Kg)
Inter College Wrestling

Rupnagar, PB, India
Chamkaur Sahib, Rupnagar,
140111, PB, India
Lat 30°56'9"N, Long 76°24'24"E

GURWINDER SINGH (BA-3)
Silver Medal
Inter College Wrestling

SUDAM HUSSIAN (BA-1)
Bronze Medal
Inter College Wrestling

SAIF ULLA (BA-2)
Bronze Medal
Inter College Wrestling

MANPREET KAUR (BCA-3)
Bronze Medal
Inter College Swimming

SPORTS ACHIEVEMENTS

WINNER OF INTER COLLEGE HOCKEY CHAMPIONSHIP OF PUNJABI UNIVERSITY PATIALA FOR TWO CONSECUTIVE YEARS

SESSION: 2021-22

SESSION: 2022-23

KHELO INDIA UNIVERSITY GAMES
BELA COLLEGE HOCKEY TEAM WON GOLD MEDAL
VENUE: UTTAR PRADESH (26 MAY-01 JUNE)
13 STUDENTS NAMELY RAJAT, ANIL, MOHIT, SHUBHAM, JATINDER GILL, MEHAKDEEP SINGH, SURAJ, MICHAEL TOPNO, NIEL TOPNO, SHASHI PRATAP SINGH, VIKAS AND AVOY EKAL WERE FROM BELA COLLEGE

WINNERS

SESSION 2021-22

SESSION 2022-23

GURJIT SINGH
WRESTLER. GOLD MEDALIST PUNJABI
UNIVERSITY PATIALA AND
PARTICIPATE IN ALL
INDIA INTERVARSITY

20TH KSS NATIONAL SHOOTING CHAMPIONSHIP

ARSHDEEP KAUR
SILVER MEDAL (MIXED TEAM COMPETITION)

ARSHDEEP KAUR
SILVER MEDAL (SENIOR CATEGORY) & BRONZE MEDAL (YOUTH CATEGORY) OF THE AIR PISTOL INDIVIDUAL EVENTS.

57TH STATE SHOOTING CHAMPIONSHIP ORGANIZED BY THE PUNJAB RIFLE SHOOTING ASSOCIATION

65TH NATIONAL SHOOTING CHAMPIONSHIP COMPETITIONS

ARSHDEEP KAUR WON GOLD MEDAL IN 25M JUNIOR SPORTS PISTOL COMPETITION, TWO SILVER MEDALS IN 25M SENIOR SPORTS PISTOL AND 10M SENIOR AIR PISTOL COMPETITION AND BRONZE MEDAL IN THE 10M AIR PISTOL MIXED TEAM EVENT

ARSHDEEP BAGGED 2 GOLD MEDALS INDIVIDUALLY AND 2 GOLD MEDALS AND 1 SILVER MEDAL AT THE TEAM LEVEL IN DIFFERENT PISTOL SHOOTING EVENTS

ROWING ACHIEVEMENTS

'KHEDAN WATAN PUNJAB KI'

JASKARAN SINGH WON TWO GOLD MEDALS IN MEN'S COXLESS FOUR, & MEN'S DOUBLE & WON A BRONZE MEDAL
SANGAM SAHARAN WON A GOLD MEDAL IN MEN JUNIOR FOUR & TWO SILVER MEDALS IN MEN JUNIOR TEAM & MEN
JUNIOR DOUBLE SCULL
AMANDEEP KAUR WON TWO GOLD MEDAL IN SINGLE & DOUBLE SCULL EACH

INTER COLLEGE ROWING COMPETITIONS AT SUKHNA LAKE

AMANDEEP KAUR WON GOLD MEDAL (HEAVY WEIGHT WOMEN'S SINGLE SCULL)
JASKARAN DHALIWAL AND SANGAM SAHARAN WON GOLD MEDALS (HEAVY WEIGHT DOUBLE SCULL)
RIPANPREET SINGH, JASKARAN DHALIWAL, GURSEVAK SINGH, SANGAM SAHARAN WON GOLD MEDALS (LIGHT WEIGHT SCULL)
JASKARAN DHALIWAL WON SILVER (LIGHT WEIGHT SINGLE SCULL)
GURSEVAK SINGH AND RIPANPREET SINGH WON SILVER MEDALS IN PAIR

ALL INDIA INTER-UNIVERSITY

AMANDEEP KAUR (WOMEN'S SINGLE SCULL) WON SILVER MEDAL IN
TWO KILOMETERS AND A BRONZE MEDAL IN 500 METERS

GATKA ACHIEVEMENTS

GATKA NATIONAL GAMES

**PARDEEP SINGH
GOLD MEDAL**

INTER COLLEGE GATKA COMPETITION

**RAVINDER SINGH GILL (SINGLE STICK) &
PARDEEP SINGH (FREE STICK)
BRONZE MEDAL EACH**

MIME
1ST POSITION

SKIT
1ST POSITION

GIDDHA
2ND POSITION

BHANGRA
2ND POSITION
DRAMA, MIMICRY, PHOTOGRAPHY & BHAND
(3RD POSITION)
GENERAL QUIZ (04TH POSITION)

INTER-ZONAL YOUTH FESTIVAL 2022-23

SKIT
2ND POSITION

CONVOCATION 2022

SCHOLARSHIPS FOR STUDENTS

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

SCHOLARSHIPS FOR STUDENTS

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

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

SCHOLARSHIPS FOR STUDENTS BY STAKEHOLDERS

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

* Forms & Guidelines are available in the Office.

Bela, Punjab, India
WCP5+C3H, Bela, Punjab 140111, India
Lat 30.936182°
Long 76.407667°

Unnamed Road, Balrampur, P
Balrampu
Punjab
India

Bhairon Majra, Punjab, India

YOUTH BRIGADE (COMMERCE ASSOCIATION)

VISION

To be an institute of academic excellence with total commitment to quality education in Commerce, management and related fields, with a holistic concern for better life, environment and society.

MISSION

- Empowering students with all the knowledge and guidance that they need to become worthy management professionals.
- Learning through Doing.
- Imparting value framework that is global yet national.
- Providing for holistic and value based development of students which ultimately enhances their employability.
- Developing social consciousness among students.
- To carve a niche for ourselves in the specialized field of commerce and management.
- Provide a nurturing and motivating environment to exploit the full potential of the students.
- Grooming youth to become a truly global personality well equipped to deal with the modern world and its challenges.
- Enable holistic development of personality with a human and global outlook.

OBJECTIVES:

1. To enable students to develop "off the Skills expected commerce Graduates.
2. To act as catalyst in the process of overall development of students.
3. To expose students to the practical aspects of business, industry and commerce.
4. To develop team spirit among students.
5. To develop leadership, entrepreneurial and organizing skills among the students

OLYMPIC (MATHS ASSOCIATION)

AIM

The aim of teaching and learning mathematics are to encourage and enable students to recognize that mathematics permeates the world around us. appreciate the usefulness, power and beauty of mathematics .enjoy mathematics and develop patience and persistence when solving problems.

OBJECTIVES

1. Knowledge and understanding : knowledge and understanding are fundamental to studying mathematics and form the base from which to explore concept and develop problem solving skills .
2. Investigation patterns : investigation patterns allow students to experience the excitement and satisfaction of mathematical discovery.
3. Communication in Mathematics : Mathematics provides a powerful and universal language .
4. Reflection in Mathematics : MYP mathematics encourages students to reflect upon their finding and problem solving process.

SCIENCES ASSOCIATION (PHYSICAL SCIENCE DEPARTMENT)

"Great Scientific minds are shaped early by unforgettable experiences….and some miracle moments"   **A.P.J.Abdul Kalam**

A Science Association is an out of class hours association that offers students the chance to do science related activities that extend
and enhance the science they experience in the classroom.

Vision:

Science education beyond classroom to encourage in born curiosity of learners and to increase scientific literacy among the students .

Objectives:

1. To promote inquisitiveness among the students and inculcate scientific temper among them.
2. To trigger interest among the students in science.
3. To encourage ,motivate and equip the students in applications of science and its interface with society.
4. To motivate students to collect and communicate scientific information and update their knowledge about science.
5. To sensitize students towards current global environmental issues like plastic waste, electronic waste and sustainable biodiversity protection.
6. To provide students an opportunity to interact with experts from different spheres of science.

Scope of the association:

1. Formation of science club at the beginning of academic year.
2. Arranging Guest lectures.,
3. Conducting competitions.
4. Screening of Documentary films.
5. Organizing Exhibition.

Benefits of running Science Association:

1. Practice at the process skills needed in science.
2. Increased opportunity to develop and practice thinking, speaking and listening skills.
3. Opportunities to experience a wide range of science topics hence broadening their enthusiasm for science.

70

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.

Objectives:

- The main objective of the association to spread awareness among students regarding food processing, food industry and enhancement of skills to attain better jobs and opportunities.

- To educate members of the association and students on various issues related to the basic democratic rights of citizens on food, nutrition, and healthy environment.

- To organize seminars, symposium and meeting from time to time relating student welfare.

- Assisting members to get training opportunities.

- Assisting food industries in research and development.

ASBASJS Memorial College, Bela has zero tolerance against disrespect and exploitation of women. The internal complaint committee has been established according to the provisions of "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013". Internal complaint committee is a body envision to receive complaints on sexual harassment at the workplace from an aggrieved women, as well as to inquire and to recommend to the employer on the action required depending upon inquiry of such complaint made.

Objectives:

1. To create a secure physical and social environment for women.
2. To develop guidelines against women harassment.
3. To organize women sensitization awareness program.
4. To provide a safe environment that is free from sexual harassment.
5. To promote social and psychological environment that will raise awareness about sexual harassment.
6. Recommend appropriate punitive action against the guilty.
7. Prevention of discrimination and sexual harassment against women.

Job roles of Committee:

1. To create and ensure a safe work environment that is free of sexual harassment especially for girls and women.
2. To take note of complaints of sexual harassment of women employed, to conduct enquires and to provide assistance.
3. To recommend to the concerned authorities, follow-up action and to monitor the same.
4. To maintain an atmosphere of equality and gender justice.
5. To prepare annual reports.

Activities Organised by ICC
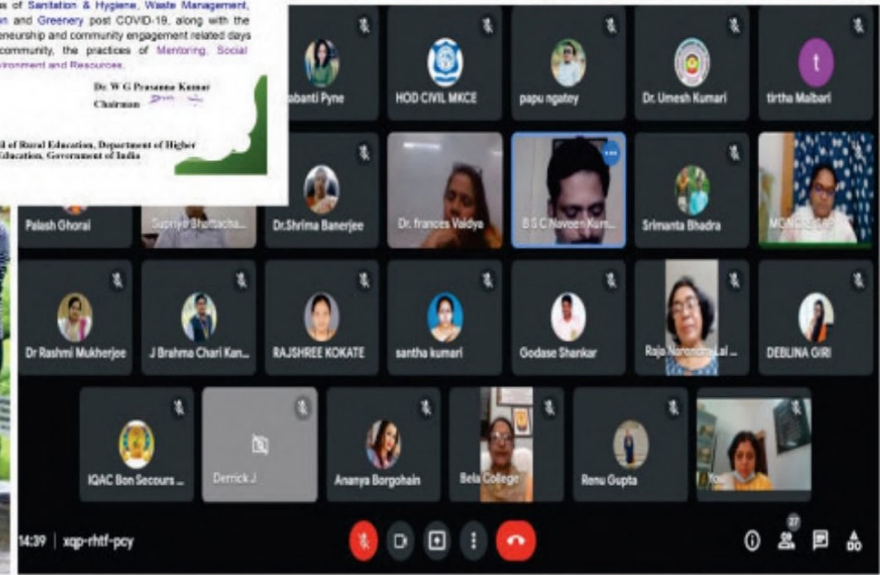
Academic Toppers 2022-23

BIOTECNOLOGY DEPARTMENT

Inderjit Kaur M.Sc. -I, 85.5%	**Taranpreet Kaur** M.Sc. -I, 83.2%	**Harleen Kaur** M.Sc. -I, 81%	**Sandeep Kaur** M.Sc. -II, 78%	**Prabhjot Kaur** M.Sc. -II, 76.6%	**Harpreet Kaur** M.Sc. -II, 76%
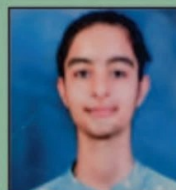
BIOTECNOLOGY DEPARTMENT

Daljit Kaur B.Sc. Hons.-II, SGPA-9.20	**Arshvir Kaur** B.Sc. Hons.-II, SGPA-8.25	**Harsimran Kaur** B.Sc. Hons.-II, SGPA-8.13	**Palak Rana** B.Sc. Hons.-II, SGPA-8.13	**Palak Rana** B.Sc. Hons.-III, SGPA-8.3	**Gagandeep Kaur** B.Sc. Hons-III, 8.1SGPA	**Harmanjit Kaur** B.Sc. Hons-III, 8.1SGPA	**Harmanpreet Kaur** B.Sc. Hons-III, 7.9SGPA

MATHEMATICS DEPARTMENT

Satwinder Kaur Msc.-I, 80%	**Simranjeet Kaur** Msc.-I, 78%	**Anu** Msc.-II, 77%	**Ramanjot Kaur** Msc.-II, 92%	**Rupinder Kaur** Msc.-II, 88%	**Manpreet Kaur** Msc.-II, 86%

COMMERCE DEPARTMENT

Jeevanjot Kaur B.COM-I	**Shivdeep Singh** B.COM-I	**Harshdeep Singh** B.COM-I	**Navneet Kaur** B.COM-II	**Mandeep Kaur** B.COM-II	**Simranjeet Kaur** B.COM-II	**Ponamdeep Kaur** B.COM-III	**Isha Rani** B.COM-III	**Priyanka Rana** B.COM-III

Academic Toppers 2022-23

COMMERCE DEPARTMENT
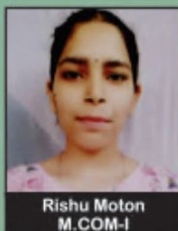
Rishu Moton M.COM-I	Shivani M.COM-I	Jasvir Kaur M.COM-I	Amanpreet Kaur M.COM-II	Kamalpreet Kaur M.COM-II

MANAGEMENT DEPARTMENT
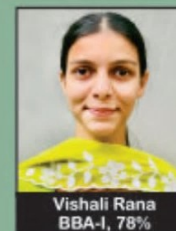
Vishali Rana BBA-I, 78%	Anu BBA-I, 71%	Mandeep Kaur BBA-I, 70.6%
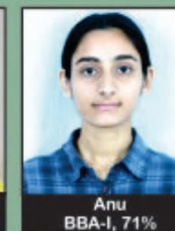
MANAGEMENT DEPARTMENT
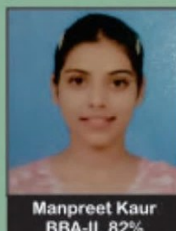
Manpreet Kaur BBA-II, 82%	Heena Rani BBA-II, 78%	Divya Sabharwal BBA-II, 77.6%	Manpreet Kaur B.VOC (RM&IT)-I-90%	Jasveer Singh B.VOC (RM&IT)-I-90%	Pratima Chouhan B.VOC (RM&IT)-I-81%	Nargis B.VOC (RM&IT)-II-91%

COMPUTER SCIENCE

Prabhjot Singh BCA-II, 88.6%	Kannan Arora BCA-II, 88%	Rishav Bhanot BCA-II, 73%	Manjot Kaur BCA-III, 82%	Vishali Sharma BCA-III, 81%	Manpreet Kaur BCA-II, 80%
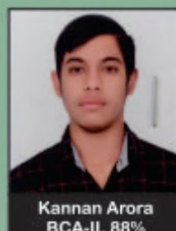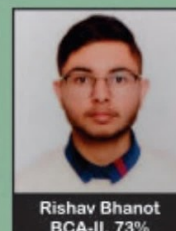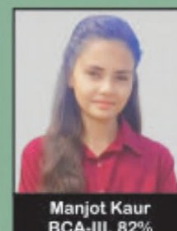
COMPUTER SCIENCE
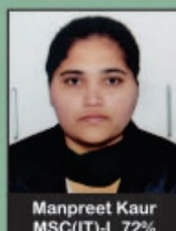
Manpreet Kaur MSC(IT)-I, 72%	Kulwinder Kaur MSC(IT)-I, 70%	Jaspreet Kaur MSC(IT)-I, 64%	Jasmeen Kaur MSC(IT)-II, 71.66%	Arashdeep Kaur MSC(IT)-II, 71.33%	Ramanpreet Kaur MSC(IT)-II, 70.33%	Jasmeet Kaur MSC(IT)-II, 70%
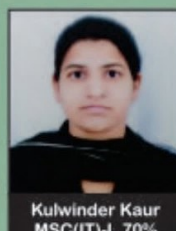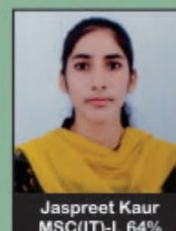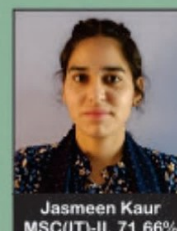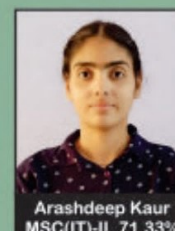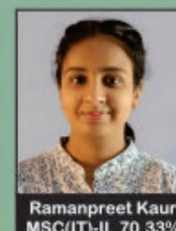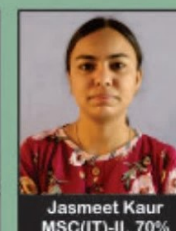
Academic Toppers 2022-23

Simrandeep Kaur
PGDCA, 87%

Kirandeep Kaur
PGDCA, 85%

Gurwinder Singh
PGDCA, 80%

Rupinder Kaur
PGDCA, 72%

Harpreet Kaur
PGDCA, 70%

HUMANITIES DEPARTMENT

Sarbjot Kaur
B.A.-I, 60.29%

Khushpreet Kaur
B.A.-I, 77.34%

Kamalpreet Kaur
B.A.-I, 77.29%

HUMANITIES DEPARTMENT

Lovepreet Singh
B.A.-I, 72.90%
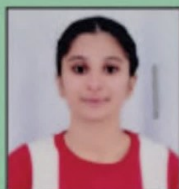
Arshpreet Kaur
B.A.-II, 85.67%

Gurpunit Kaur
B.A.-II, 83.51%

Manpreet Kaur
B.A.-II, 83.38%
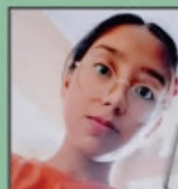
Jaipreet Kaur
B.A.-III, 76.75%

Jaskaran Kaur
B.A.-III, 70%

Jaspinder Kaur
B.A.-III, 64.5%

FOOD PROCESSING

Sukhjeet Kaur
M.Voc, FP-I, SGPA-8.7

Muskan Jain
M.Voc, FP-I, SGPA-8.1

Vikrant Singh
M.Voc, FP-I, SGPA-7.0

Navpreet Kaur
M.Voc, FP-II, SGPA-9.47

Hirdesh Kumar
B.Voc, FP-I, SGPA-8.77

Vipandeep Singh
M.Voc, FP-II, SGPA-8.5

Gurpreet Kaur
B.Voc, FP-I, 80%

Jashanpreet Kaur
B.Voc, FP-I, 78%

Pinky Kaur
B.Voc, FP-I, 73%

FOOD PROCESSING

Amit Kumar
B.Voc, FP-II, SGPA-9.08

RIYA GARG
B.Voc, FP-II, SGPA-8.42

Komalpreet Singh
B.Voc, FP-II, SGPA-8.38

Poonamjeet Kaur
B.Voc, FP-III, SGPA-8.88

Harsh Rana
B.Voc, FP-III, SGPA-8.77

Pardeep Singh
B.Voc, FP-III, SGPA-8.65

Muskan Mehra
B.Voc, FP-III, SGPA-8.65

Academic Toppers 2022-23

PHYSICAL SCIENCES

Navjot Kaur
B.Sc. N.M.-I, 80.1%

Harpreet Kaur
B.Sc. N.M.-I, 79.9%

Kirandeep Kaur
B.Sc. N.M.-I, 77.8%

Simranjeet Kaur
B.Sc. N.M.-II, 85.1%

Simranpreet Kaur
B.Sc. N.M.-II, 82.6%

Inderpreet Kaur
B.Sc. N.M.-II, 79.8%

Navpreet Kaur
B.Sc. N.M.-III, 85.1%

Khushpreet Kaur
B.Sc. N.M.-III, 82.6%

Inderpreet Kaur
B.Sc. N.M.-III, 79.8%

COMPUTER SCIENCE

Kirandeep Kaur
B.Sc. (CS)-I, 83.1%

Harshpreet Singh
B.Sc. (CS)-I, 77.9%

Ravneet Singh
B.Sc. (CS)-I, 74.8%

Harleen Kaur
B.Sc. (CS)-II, 85.5%

Ravinder Singh Gill
B.Sc. (CS)-II, 77.7%

Harsimran Singh
B.Sc. (CS)-II, 75.8%

Pawanpreet Singh
B.Sc. (CS)-II, 71%

Navjot Kaur
B.Sc. (CS)-III, 85.5%

Sukhwinder Singh
B.Sc. (CS)-III, 77.7%

B.Voc. (RET.)

Mandeep Singh
B.Voc. (RET)-I, 94.8%

Yuvraj Singh
B.Voc. (RET)-II, 90.7%

Sahilpreet Singh
B.Voc. (RET)-II, 80.5%

Gurjeet Singh
B.Voc. (RET)-II, 80.2%

Gagandeep Kaur
B.Voc. (RET)-II, 86.8%

Jagjivan Singh
B.Voc. (RET)-II, 85.7%

Ramandeep Singh
B.Voc. (RET)-II, 84.5%

Gurpreet Singh
B.Voc. (RET)-II, 83.2%

B.Voc. (RET.)

Taranjeet Kaur
B.Voc. (RET)-III, 86.8%

Jagjit Singh
B.Voc. (RET)-III, 85.7%
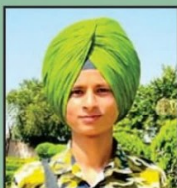
Jaskirat Singh
B.Voc. (RET)-III, 84.5%

Satinder Singh
B.Voc. (RET)-III, 83.2%

CORE VALUES OF BELA COLLEGE

CORE VALUES

NAAC

Contributing to National Development.	**Fostering Global Competencies among Students.**
Inculcating a Value System among Students.	**Promoting the Use of Technology.**

Quest for Excellence

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

CORE VALUES

Continuous Improvement
Integrity
Honesty
Rightful Information
Discipline
Cooperation
Coordination and Collaboration

Annual Sports Meet
2022-2023

81

ਬੇਲਾ ਕਾਲਜ ਵਿੱਚ 'ਅਕੈਡ ਫੀਸਟਾ-2023' ਆਯੋਜਿਤ

ਬੇਲਾ ਕਾਲੇਜ ਦੇ ਫੂਡ ਪ੍ਰੋਸੈਸਿੰਗ ਛਾਤਰਾਂ ਦੇ ਨਤੀਜੇ ਰਹੇ ਸ਼ਾਨਦਾਰ

ਮੁੱਖ ਮੰਤਰੀ ਪੰਜਾਬ ਸੱਤਿਆ ਮੁਕਤ ਅਭਿਆਨ ਤਹਿਤ ਅਮਰ ਸ਼ਹੀਦ ਬਾਬਾ ਅਜੀਤ ਸਿੰਘ ਜੁਝਾਰ ਸਿੰਘ ਮੈਮੋਰੀਅਲ ਕਾਲਜ ਬੇਲਾ ਵਿਖੇ ਅੱਖਾਂ ਦਾ ਮੁਫਤ ਚੈੱਕ-ਅੱਪ ਕੈਂਪ ਲਗਾਇਆ ਗਿਆ

ਬੇਲਾ ਕਾਲਜ ਵਿਖੇ ਦੋ ਰੋਜ਼ਾ ਮੈਗਾ ਰਾਸ਼ਟਰੀ ਸਾਇੰਸ ਮੇਲਾ ਸਾਨੋ-ਸ਼ੌਕਤ ਨਾਲ ਸੰਪੰਨ

ਲਗਾਏ ਗਏ ਚੈੱਕ-ਅੱਪ ਕੈਂਪ ਦਾ ਦ੍ਰਿਸ਼।

ਬੇਲਾ ਕਾਲਜ ਨੇ 'ਰਾਸ਼ਟਰੀ ਯੁਵਾ ਦਿਵਸ' ਮਨਾਇਆ

ਬੇਲਾ ਕਾਲਜ ਵਿਖੇ ਦੋ ਰੋਜ਼ਾ ਮੈਗਾ ਰਾਸ਼ਟਰੀ ਸਾਇੰਸ ਮੇਲਾ ਸਾਨੋ-ਸ਼ੌਕਤ ਨਾਲ ਸੰਪੰਨ

ਬੇਲਾ ਕਾਲਜ ਫੂਡ ਪ੍ਰੋਸੈਸਿੰਗ ਦਾ ਹੱਬ

Bela college food processing achieves remarkable results

KULWINDER RASULPUR
SRI CHAMKAUR SAHIB, MAY 29

In a groundbreaking development, the Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College Bela has achieved remarkable results, signaling a new era of innovation and excellence in the food industry.

The college's unwavering commitment to research, training, education, and collaboration has propelled it to the forefront of food processing advancements, fostering sustainable practices, and addressing global challenges. Under the visionary leadership of the Management Committee, Food Processing has witnessed unprecedented growth, attracting talented faculty and students Leveraging state-of-the-art facilities and cutting-edge technologies, the college has become a breeding ground for groundbreaking research and transformative solutions. One of the college's recent breakthroughs includes the development of a novel food preservation technique that extends the shelf life of perishable products while maintaining their nutritional value.

ਬੇਲਾ ਕਾਲਜ ਦਾ ਸਥਾਪਨਾ ਦਿਵਸ ਮਨਾਇਆ

ਸਥਾਪਨਾ ਦਿਵਸ 'ਤੇ ਕਰਵਾਇਆ ਗਿਆ ਸ੍ਰੀ ਅਖੰਡ ਪਾਠ

ਹਰਲੀਨ ਕੌਰ ਨੇ 'ਮਿਸ' ਤੇ ਯਸ਼ ਕੁਮਾਰ ਨੇ 'ਮਿਸਟਰ ਕਾਮਰਸ' ਦਾ ਜਿੱਤਿਆ ਖ਼ਿਤਾਬ

ਗ੍ਰੈਜੂਏਟ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦਿੱਤੀ ਸ਼ਾਨਦਾਰ ਵਿਦਾਇਗੀ

Certificate

This is to certify that
Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College

BELA-140 111, DIST- ROPAR, PUNJAB, INDIA

has been found in Compliance with requirements of

Quality Management System
ISO 9001:2015

for the following scope

PROVIDE QUALITY HIGHER, PROFESSIONAL & VOCATIONAL EDUCATION IN B.A., B.B.A., B.COM., B.SC. (HONS.), B.SC., M.COM., M.SC., PGDCA, PGDJMC & B. VOC.

Certificate No. : 2325/QMS/0718
Issue Date : 19-July-2018
Expiry Date : 18-July-2021

Authorised Signature
International Accurate Certification

Certificate

This is to certify that *A.S.B.J.S Memorial College, Bela (Ropar)* is now a *Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution*. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of *Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation* and *Greenery* post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of *Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.*

Date of Issue: 28/08/2020

Dr. W G Prasanna Kumar
Chairman

Mahatma Gandhi National Council of Rural Education
Department of Higher Education, Ministry of Education
Government of India

Certificate No.: MoESES REC/Punjab/Ropar/7

ਪੰਜਾਬ ਸਰਕਾਰ
Punjab Government

ਪ੍ਰਮਾਣ ਪੱਤਰ
PARMAN PATRA

In recognition of the exemplary service rendered in District Rupnagar by Sardar/Shri/Shrimati/Kumari _____ for _____, I feel honoured to confer this Parman Patra, on the behalf of Punjab Government.

Place: Rupnagar

ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ / Deputy Commissioner
Rupnagar, Punjab

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the National Assessment and Accreditation Council is pleased to declare the

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College

Vill. Bela, Tal. Sri Chamkaur Sahib, Dist. Ropar, affiliated to Punjabi University, Punjab as

Accredited

with CGPA of 2.56 on four point scale at *B++* grade valid up to March 30, 2026

Date : March 31, 2021

Director

District Green Champion Certificate

This is to certify that **Amar Saheed Baba Ajit Singh Jujhar Singh Memorial College, Bela, Ropar** is hereby recognized as **District Green Champion** for **Rupnagar** District for the Academic Year 2020-21. The Institution has successfully set up the Swachhta Action Plan Committee, adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management.

This certificate is given in the presence of Ms Sonali Giri, Deputy Commissioner, Rupnagar, Punjab.

JULY 2021

Dr W G Prasanna Kumar
Chairman
MGNCRE, Ministry of Education
Government of India

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College
Place : Vill. Bela, Tal. Sri Chamkaur Sahib, Dist. Ropar, Punjab

	Criteria	Weightage (WU)	Criterion-wise Weighted Grade Point (Ci WGU)	Criterion-wise Grade Point Averages (Ci WGU / WU)
I.	Curricular Aspects	100	265	2.65
II.	Teaching-Learning and Evaluation	350	1064	3.34
III.	Research, Innovations and Extension	100	275	2.75
IV.	Infrastructure and Learning Resources	100	315	3.15
V.	Student Support and Progression	110	270	2.65
VI.	Governance, Leadership & Management	105	353	3.36
VII.	Institutional Values and Best Practices	100	318	3.18
	Total	965	2770	

Grade = *B++*

Date : March 31, 2021

Director

Tel.: +91-1881-263533, 263233
Fax: +91-1881-263533
www.belacollege.org, mail@belacollege.org

www.belacollege.org

You Tube /belacollege
f /belacollege
/belacollege
/belacollege

Quality Today and Excellence Tomorrow