



# DIRECTORATE OF EDUCATION

Shiromani Gurdwara Parbandhak Committee,  
Sri Amritsar Sahib



# Prospectus

## 2026-27

# SRI GURU TEG BAHADUR KHALSA COLLEGE, SRI ANANDPUR SAHIB

Affiliated to Punjabi University, Patiala

An Autonomous (Grant-in-Aid) College & NAAC Accredited 'A' Grade  
College with Potential for Excellence Status by UGC,  
DBT STAR COLLEGE STATUS, DST-FIST Scheme by GOI, Unnat Bharat Abhiyan by GOI



[www.sgtbcollege.org.in](http://www.sgtbcollege.org.in)



Sri Guru Teg Bahadur Ji

# College Shabad

ਦੇਹ ਸ਼ਿਵਾ ਬਰ ਮੋਹਿ ਇਹੈ  
ਸੁਭ ਕਰਮਨ ਤੇ ਕਬਹੂੰ ਨ ਟਰੋਂ॥  
ਨ ਡਰੋਂ ਅਰਿ ਸੋ ਜਬ ਜਾਇ ਲਰੋਂ  
ਨਿਸਚੈ ਕਰ ਅਪਨੀ ਜੀਤ ਕਰੋਂ॥  
ਅਰ ਸਿਖ ਹੋਂ ਆਪਨੇ ਹੀ ਮਨ ਕੋ  
ਇਹ ਲਾਲਚ ਹਉ ਗੁਨ ਤਉ ਓਚਰੋਂ॥  
ਜਬ ਆਵ ਕੀ ਅਉਧ ਨਿਦਾਨ ਬਨੈ  
ਅਤ ਹੀ ਰਨ ਮੈ ਤਬ ਜੂਝ ਮਰੋਂ॥

Grant me this boon O God  
May I never refrain from the righteous acts;  
May I fight without fear all foes in life's battles  
With confident courage claiming the victory;  
May thy glory be ingrained in my mind  
and my highest ambition be singing thy praises;  
When this mortal life comes to end  
May I die fighting with limitless courage...

# Our Patron



**Advocate S. Harjinder Singh Dhami**

**President**

**Shiromani Gurudwara Parbandhak Committee**

**Sri Amritsar Sahib**

# College Governing Body



**Dr. Daljit Singh Cheema**  
Honorary Secretary, Governing Body  
S.G.T.B. Khalsa College, Sri Anandpur Sahib



**Bhai Amarjit Singh Chawla**  
Member, S.G.P.C. &  
Member, College Governing Body



**S. Ajmer Singh Khara**  
Member, S.G.P.C. &  
Member, College Governing Body



**S. Sukhminder Singh**  
Secretary Education, S.G.P.C. &  
Member, College Governing Body

# “President’s Message”

The history of the establishment of Shiromani Gurdwara Parbandhak Committee (SGPC) Sri Amritsar, an apex body of the Sikhs, is unique and full of sacrifices. With the coming into being of SGPC, the powers of Sikhs got organized which resulted into the protection of the rights of Sikhs. SGPC has always played a leading role in a number of areas such as the management of Sikh shrines, the spread of Sikh traditions and principles, health care services, charity and education.

Education is said to be the third eye of a man. SGPC, with the establishment of educational institution, is making a tremendous contribution to provide superior, excellent and world class education as well as to inculcate humanitarian outlook, ethical and moral values, awareness about Sikh tradition, culture and principles in the students.

In the present time, it is the responsibility of the educational institutions to make the students capable to tackle social, cultural, religious and educational challenges, to protect them from falling prey to drug addiction, to impart ethical and moral education, to save them from western influence and life style and to check western immigration. Educational institutions under the management of SGPC not only provide knowledge of latest and modern techniques in this age of Artificial Intelligence (AI) but also they consider it their responsibility to inculcate ethical and moral values like self-restraint, discipline, patience, sensitivity etc. so that virtuous and decent character is built in the students. According to Guru Nanak Dev Ji “ਵਿਦਿਆ ਵਿਚਾਰੀ ਤਾਂ ਪਰਉਪਕਾਰੀ” which means one who learns should spread knowledge to others. Education teaches to serve the humanity. A person becomes thoughtful after gaining education. Working on this ideology, education must reflect illuminated mind and the personality of a Sikh.

I heartily welcome students getting admission in this institute and wish for their bright future.

With best wishes!

Adv. Harjinder Singh Dhani  
President  
Shiromani Gurdwara Parbandhak Committee  
Sri Amritsar Sahib



# “Secretary’s Message”

Dear Students,

The history of Sikh religion has been incredible and remarkable. Sikh religion is known all over the world for its uniqueness in the matter of setting unparalleled examples of sacrifices and martyrdoms for justice, equality and welfare of the humanity. Shiromani Gurdwara Parbandhak Committee (SGPC), Sri Amritsar is an apex body of Sikhs. Though the primary objective of SGPC is religious, it also performs multidimensional functions for inculcating high ethical values, a humanistic outlook, healthy habits and scientific temper among the community through its educational institutions.

Moving on the path as shown by Sikh gurus for the welfare of the entire humanity, the educational institutions, managed by SGPC, are continuously engaged to work for the all-round development and progress of students. The main objective of these institutions is to remove the darkness of ignorance and enlighten the lamp of knowledge by imparting such an education which reflects Sikh principles too.

A number of challenges and issues are faced by the present education system. Human values are fast decreasing in a man who is trapped by self-interests. Youth is facing big challenges in the areas of higher education and job placement. The new generation, empty of traditional values, is getting separated from the rich heritage and culture thus, falling prey to pessimism. Modern life style influenced by technology and mechanization has deprived the youth of creative and intellectual power. In the era of Artificial Intelligence (AI) after generation Alfa, generation Beta has emerged, for this the educational institutions are required to make futuristic and visionary planning.

Directorate of Education running under the management of SGPC, is putting all efforts to make students grow and succeed in the areas of art and creativity, by making arrangement for the nurturing and refinement of talent. It is also making special arrangements to make students learn Sikh history, culture and principles in order to lead their life as per Gurmat. It also provides opportunities to attain employment by organizing Gurmat camps, exhibitions, workshops, Vernacular Bridge course, job festivals and conducting quiz competitions like ‘Gyan Parchand.’ The objective of these educational institutions is to educate students by imparting knowledge of both traditional and hi-tech modern techniques, to make them employable through vocational course, to make them inherit Khalsai Virasat, and also to inculcate high moral values in the youth resulting into the service to humanity.

I, firmly believe that the way educational institutions, managed by SGPC, have made a unique identity in the field of education similarly, this institution will keep making efforts to resolve present challenges and problems.

I, welcome students getting admission in this institution from the core of my heart and assure that this institution will definitely help you fulfill your dreams and achieve your desired goals.

With best wishes!

S. Sukhminder Singh  
Secretary Education  
Shiromani Gurdwara Parbandhak Committee  
Sri Amritsar Sahib



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# “Principal’s Message”

Dear Students,

Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, is a distinguished place to study and has been moving forward each year as a multi-faculty institute of higher education. The status of Autonomous College is another milestone in its glorious journey. The college offers a wide variety of undergraduate and postgraduate courses, and keeps on adding new courses in accordance with the pulse of time. The students can choose from various streams like Physical and Life Sciences, Humanities, Commerce, Computer Science and Agriculture. The campus is equipped with state-of-the-art labs, instruments, professional software and more.



Higher education can transform a person's life. A well-trained student can be the harbinger of social, economic and ethical change. We, at this college strive to provide quality education by equipping our students with skills, confidence and a positive approach so that their education is holistic and relevant to a globalized context. The purpose is to help students cultivate their talents and ensure all round development of their personality.

We have very efficient and highly qualified teaching faculty. Each one of them plays the role of facilitator as well as role model to our students.

I want to assure the parents that the needs and problems of our students are our prime concern. Our priorities include giving safe and congenial atmosphere in which each student may grow intellectually to become spiritually strong and morally upright. Students should go through the prospectus thoroughly and become aware of all the requirements for making their academic journey smooth and highly profitable.

I welcome you all in the academic session 2026-27 and pray for your bright future.

Best wishes!

Dr. Jasvir Singh  
Principal

# WHY KHALSA COLLEGE SRI ANANDPUR SAHIB ?

**NAAC 'A' Grade**  
Accredited

## **STAR status**

Department of Bio-Technology  
Government of India

## **Affiliation**

Punjabi University,  
Patiala



## **Glorious Years of Excellence in Education**

### **“College with Potential For Excellence”**

Status by UGC

### **DST-FIST Scheme**

Government of India

## **Unnat Bharat Abhiyan**

Government of India

**100%**  
**Placement**  
**Assistance**

“**YOUR LIFE** will be enriched with Ethnic and **CULTURAL** diversity through academic programmes and **CAMPUS ACTIVITIES.**”



**U** ARE NOT JUST A  
NUMBER FOR US,  
YOU ARE A  
**VALUABLE**  
**ASSET** AS WE  
CARE ABOUT YOUR  
**FUTURE** AND  
**WORK HARD** TO  
MAKE IT **BRIGHT**



*“May I never refrain  
from righteous deeds.”*



# MISSION

The mission of Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, is to achieve the ultimate goal of education, i.e. emancipation of mind, in order to promote it as an institution of excellence by providing the rural youth with educational opportunities enriched with upright moral and ethical values along with the latest technology-based knowledge so that students are well-fitted in the present-day volatile global scenario.

1.
  - ◆ *To provide students with the market relevant, need specific and latest academic programmes so as to enhance their professional competence.*
  - ◆ *To create an academic environment that is conducive to develop the best of skills for pursuing knowledge so that the students evolve as capable global citizens.*
  - ◆ *To provide the best of educational resources and essential infrastructure in order to convert them into confident and employable youth.*
  - ◆ *To involve students in such activities, services and experiences which foster personal growth by inculcating ethical and human values in them.*
  - ◆ *To create value based knowledge-society.*



# SPORTS

## OUR MEDAL TALLY 2025-26



“My days at Khalsa College consisted of hours of training every morning and evening. The support & facilities, I have received from College staff, are the only reason of my success in sports.”

PRIYANKA CHOUDHARY  
M.A. (Pol. Sci.) Sem-II  
Gold Medal in Wrestling  
Khelo India Tribal Games

**STUDENTS EXCELLED IN THE FIELD OF JUDO, KABADDI, WEIGHT LIFTING, WRESTLING, ATHLETICS, BADMINTON, TABLE TENNIS, GATKA & OTHER SPORTS**



# CULTURAL ACHIEVEMENTS



## Zonal Youth Festival

Overall Music, Literary, Dance and Heritage Items Trophy

- 1<sup>st</sup> position in Bhangra, Group Shabad, Gazal, Indian Group Song, Cultural Quiz, Westren Solo Song, Folk Song, Folk Instrument, Debate, Giddha, Classical Dance, Non Percussion, Kali, Vaar Gayan, Heritage Items such as Crochet work, Making Pakhi, Pranda, Tokra, Chhiku, Pihri, Innu and Khido.
- 2<sup>nd</sup> position in Geet, Quiz, Jhoomar, Western Group Song, Laghu Film, Punjabi Muhavaredar Vartalaap, Photography, Mimicry, Folk Orchestra, Rivayeti Lok Geet, Percussion, Kavishari, Making of Nala and Rassa.
- 3<sup>rd</sup> position in Mime, Skit, Classical Vocal, Embroidery, Clay Toys, Luddi (Girls), Western Instrument, Installation, One Act Play, Declamation, Poetry Recitation and Rivayeti Pehrava (Traditional Costumes).

## Inter-Zonal Youth Festival

- 1<sup>st</sup> position in Indian Group Song, Geet, Lok Saaj, Lamiyan Hekan Wale Geet, Making of Pakhi, Tokra, Khido, Pihri, and Crochet work.
- 2<sup>nd</sup> position in Western Vocal Solo, Classical Instrumental Non Percussion, Kavishri, Kali Gayan, Jhoomer, Making of Nala.
- 3<sup>rd</sup> position in Folk Orchestra, Ghazal, Western Group Song, Bhangra, Making of Rassa and Paranda.

**First position in Folk Group Singing in Punjab State Inter-university Youth Festival held at Guru Nanak Dev University, Amritsar.**

**Gold Medal in Indian Group Song at 39th National Inter-university Youth Festival, Satyabhama Institute of Science and Technology, Chennai**





Akaal Takhat Jathedar Giani Kuldeep Singh Gargaj, Advocate S. Harjinder Singh Dhani, President, SGPC, Bhai Amarjeet Singh Chawla, Member, SGPC, Principal Dr. Jasvir Singh and others honouring winners of National Gatka Competition



Dr. Daljeet Singh Cheema, Dr. Daljeet Singh Bhinder, Principal Dr. Jasvir Singh, Staff and others welcoming Nagar Kirtan commemorating the 350th Year of martyrdom of Sri Guru Teg Bahadur sahib Ji, Bhai Mati Das Ji, Bhai Sati Das Ji and Bhai Dyala Ji



World Entrepreneur Day



A Glimpse of Blood Donation Camp organized on the college campus



College team and staff on the occasion of winning 1st position in Folk Group Song at Punjab State Inter-university Youth Festival, GNDU, Amritsar



Religious exhibition organized by department of Fine Arts on the occasion of Khalsa Sajna Diwas at Takht Sri Kesgarh Sahib, Sri Anandpur Sahib

# CAMPUS LIFE-2



Bhog of Sehaj Path Sahib organized on the college campus to commemorate the 350th year of martyrdom of Sri Guru Teg Bahadur Sahib Ji



College Team being awarded with trophy at Inter-college Kabaddi (Men/Women) National Style Championship organized by Punjabi University, Patiala



Fabric Painting Workshop organized by Department of Fine Arts



Celebration of World Food Day



Participants of Model Making Competition at Inter-School Winter Carnival



College Team at Inter-college Kabaddi (Men) National Style Championship organized by Punjabi University, Patiala

# INFRASTRUCTURE

## Library

Library is the life line of an educational institution. The spacious building of our library provides an opportunity to the students to enhance their knowledge. It has more than 47,000 titles covering almost every subject. Many National as well as International Journals, Magazines and Periodicals are subscribed. Nearly 19 newspapers in English, Punjabi and Hindi are also made available to students.

The college library has got the distinction of being the first library in the region to be computerised. Using the Master soft ERP software, the entire activities concerning library stand automated. All our books are coded through software and are easily accessible through computers in the library. The support provided by library staff consists of Reprography services, Reference services, OPAC services, Circulation services and Referral services.

The college has acquired DELNET under which innumerable National and International e-Journals of repute and Thesis/Dissertations are available to the students and faculty. Free and ready access to the internet for students and the faculty has made it possible for our college to reach higher and global levels of education research. Since the library is fully computerized and Wi-Fi enabled, facilities such as e-learning and reprography help to augment the teaching-learning process. The College Library is also connected with National Digital Library of India. Library provides computer and internet access to local users and students preparing for competitive exams.



### Computer Lab



### Digital Language Lab

The college has ten fully Air Conditioned Computer labs having Core 2 Duo, i3, i5 and latest i7 systems and Fortinet firewall. All the labs are duly networked as per category-6 specifications. The college holds licensed versions of all the required software. Well-equipped computer labs and Wi-Fi campus ensure effective delivery of knowledge and information relevant to various courses.

The college has established state-of-the-art Digital Language Lab in order to refine speaking, reading, writing and listening skills of the students in English Language. This software based digital lab, one of its kind in the area, is of great help to the students who want to improve their communication skills. This lab is used for the Certificate Course in Spoken English as well as for the teaching of M.A. classes. Various other departments of this college use this lab for imparting knowledge and improving communication skills.

## Multipurpose Hall

Located above the library, the college has a spacious and modern hall which is well-fitted with adequate audio and visual systems. It is used for holding seminars, conferences, religious functions, inter-class competitions, inter-college functions etc. Local administration and some NGOs from the community also use this multipurpose hall for their programmes. Thus, the hall also serves as a vehicle for establishing institution-community linkages.



## Conference Hall

The college has a state-of-the-art Seminar-cum-Conference Hall with multimedia facilities and Overhead Projector system that encourage and support research initiatives and presentations among the students and faculty. The conference hall is the symbol of the institution's perpetual striving for improvement and regeneration.



## Community Radio Station FM 90.8 MHz



A remarkable differentiating factor for the college is its Community Radio Station FM 90.8 MHz, which has the approval of Ministry of Information & Broadcasting, Government of India. The college has been sanctioned 90.8 MHz frequency for the transmission of programmes of general awareness and current relevance. There are also broadcasts pertaining to Academic, Cultural, Religious and Musical activities of the college. The programmes are created and broadcast by various departments of the college. This radio station has a range of about 40 Kilometers. Ours is the first college in the region to take the initiative of this

Sri Guru Teg Bahadur Khalsa College is an equal-opportunity college and has a strong commitment to gender equality. In 2014, the college opened a double storey Girls' Hostel to provide a safe and secure home away from home. It is generously outfitted with indoor and outdoor sports facilities, uninterrupted power supply, medical facility and 24 hours internet connectivity. The hostel premises are well-guarded and well-protected during and after college hours.



# SCIENCE LABS

The college has advanced Science laboratories, well-furnished with modern and sophisticated equipments viz. Aspirator vacuum pump water jet type, Polarimeter, Polarograph, Analytical balance, Incubator, high quality binocular Microscopes, Laminar flow, Fume Hood, Autoclave, Hot air oven, Kjeldahl apparatus, G.M. Counter, C.R.O. (Two Beam), Spectrometer, Laser, Diffraction Grating, Newton's Ring Apparatus, Hall effect kit, BH Curve Kit, Frank - Hertz Kit, Curie Temperature Kit, A/D and D/A Converter Kit and Four Probe Kit etc.



## Research Project(DAE-BRNS)

UGC-DAE CSR in collaboration with BARC, Mumbai in March, 2022 has granted a research project of approximately 7,00,000/- to investigate study of Agricultural soil & crop yield by using nuclear analytical techniques: A comparison between Bio-fertilizer & chemical fertilizer. Dr. Deep Shikha & Dr. Vimal Mehta of Physics department are jointly handling the project.

## Research Labs

The college has research labs to cater to the needs of the UG/PG students such as:

- (1) Physics Research Lab: Scintillation counter, Spin-Coating Unit, Spark Counter, Muffle Furnace, Temperature Controlled Etching Bath, Pico-ammeter, Electric Measurement Thin Film Sample Holder.
- (2) Agriculture Research Lab : Poly House and Green House.
- (3) Chemistry Research Lab: UV-Visible Spectrophotometer (Double beam), FTIR.
- (4) Botany Research Lab: Electrophoretic Unit, Oven, Seed Germinator, BOD incubator, Microtome, Photo- microscope with Camera and Computer attached.
- (5) Zoology Lab.



## Armed Forces & Allied Services Preparatory Academy

Sri Guru Teg Bahadur Armed Forces & Allied Services Preparatory Academy was inaugurated on November 16, 2018 to commemorate the Golden Jubilee Year of the college.

### Objectives:

- \* To develop the qualities of leadership with emphasis on character building.
- \* To prepare the students for entry into Armed Forces.

### Methodology:

- \* Special Coaching Classes in every academic session.
- \* Crash Courses in Summer and Winter Vacations.



Bhabha Atomic Research Centre has initiated a national project entitled "Setting up of a Solar Powered Indian Network for Detection of Radon Anomaly towards Seismic Alert (INDRA-SA)" for which a standalone, Solar powered Radon Geo-Station has been developed. This helps in determining seismic activities of the area. The selection of college premises as a site for the Geo-Station has made us a part of the significant and prestigious national level project.

## Publication Bureau

The college has its own publication bureau which caters to the publication needs of the college. It publishes Research Journal *Guru Teg Bahadur Journal of Religious Studies* (A Multi-disciplinary, Bi-annual, Peer Reviewed & Refereed Journal (ISSN: 2454-8995)). The Publication Bureau is committed to provide excellently printed high-quality low-cost text books to students.



**Own Transport Facility for Girls coming from Nangal, Ropar, Nurpur Bedi, Kiratpur Sahib, Nalagarh and their neighbouring areas.**

## We are proud of...

### NATIONAL SERVICE SCHEME(NSS)

Three units of NSS, comprising 100 volunteers each, are working effectively and actively in the college. The very purpose behind encouraging students to join NSS is to develop feeling of volunteerism in them. NSS provides a platform to the students to pay back the debt to the society and feel sensitized about different social issues. Students of all classes can enrol themselves as NSS volunteers. Those opting for this opportunity not only become socially responsible citizens but also get additional weightage at the time of placement as well as admission to higher classes. NSS units of the college hold regular camps. Punjabi University selected this college as the 'Best College' in NSS activities during 2013-14. Our College was the chosen venue for Inter College NSS Camp (Punjabi University, Patiala) in January 2017. During the sessions 2021-22, 2022-23 & 2023-24 NSS volunteers were selected for Pre-RD Camp.



### NATIONAL CADETS CORPS(NCC)

In order to inculcate traits of good character, discipline and patriotism among students, the college has an NCC unit (Army Wing) comprising of 100 cadets and NAVAL wing having 15 open vacancies. The drills and training that cadets undergo as part of NCC activities encourage them to be more disciplined and devoted citizens. It also serves as preliminary preparation for those interested in pursuing their career in Defence Services.



### RED CROSS UNIT

We have a pro-active Youth Red Cross Unit which organises Comprehensive Youth Development Competitions and humanitarian activities during each academic session. These activities are inspired by the objective to promote selfless service and humanitarian values among students so that they learn to have respect and compassion for other human beings.



### INSTITUTIONS INNOVATION COUNCIL

The Institution's Innovation Council (IIC) at Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib fosters, skills enhancement, innovation and entrepreneurship through workshops, hackathons, and startup support. Recognised by the Ministry of Education's Innovation Cell, the IIC has earned a commendable 3.5-star rating out of 5, reflecting the college's strong commitment to creative and entrepreneurial excellence.

# ADMISSION SCHEDULE

Schedule of Admission & Commencement of Teaching of all Undergraduate and Postgraduate (Semester 1st) classes will be as per the admission portal of **DEPARTMENT OF HIGHER EDUCATION, PUNJAB**

## ALL UNDER GRADUATE & POST GRADUATE COURSES

LAST DATE OF ADMISSION (WITHOUT LATE FEE) FOR ALL UNDERGRADUATE CLASSES (SEMESTER III / V / VII) }  
& } 10<sup>th</sup> July, 2026  
LAST DATE OF ADMISSION (WITHOUT LATE FEE) FOR ALL POSTGRADUATE CLASSES (SEMESTER III)

### Admission with Late Fee

1. From 11<sup>th</sup> July, 2026 to 20<sup>th</sup> July, 2026 : Rs. 500/- with the permission of Principal.
2. From 21<sup>th</sup> July, 2026 to 27<sup>th</sup> July, 2026 : Rs. 1000/- with the permission of Principal.
3. From 28<sup>th</sup> July, 2026 to 03<sup>rd</sup> August, 2026 : Rs. 1500/- with the permission of Principal.
4. From 04<sup>th</sup> August, 2026 to 10<sup>th</sup> August, 2026 : Rs. 2000/- with the approval of Academic Council

## ACADEMIC CALENDAR

### TEACHING SCHEDULE

**Odd Semesters (III, V, VII) :**

**U.G. / P.G. Courses - 13<sup>th</sup> July, 2026 to  
23<sup>rd</sup> November, 2026**

**Even Semester (II, IV, VI, VIII) :**

**U.G. / P.G. Courses - 8<sup>th</sup> January, 2027 to  
3<sup>rd</sup> May, 2027**

### EXAMINATION SCHEDULE

**End Semester Exams/Final Practicals**

**Odd Semester(III, V, VII) :**

**U.G. / P.G. Courses - 27<sup>th</sup> November, 2025**

**Even Semester (II, IV, VI, VIII) :**

**U.G. / P.G. Courses - 5<sup>th</sup> May, 2027**

### SEMESTER VACATION

**Academic term I: Winter Break**

**24<sup>th</sup> December, 2026 to 8<sup>th</sup> January, 2027**

**Academic term II: Summer Break**

**7<sup>th</sup> June, 2027 to 9<sup>th</sup> July, 2027**

**(The Vacation Schedule may change)**

# B.S.C. HONOURS AGRICULTURE (As per NEP 2020)

Approved by Punjab State Council for Agricultural Education (PSCAE)

Duration : 8 Semesters (4 Years)

Total Seats : 60

Eligibility :  
10+2 (Above 50%) in  
Science Stream only.

B.Sc. Honours Agriculture is the acronym for Bachelor of Science Honours in agriculture. The lack of specialization and modern techniques brought the need and desire to upgrade the agriculture system and bring more awareness and better infrastructure to boost agriculture profession in India. The course structure of B.Sc. Honours Agriculture is designed to help students understand the methodology of agriculture, the environment, marketing skills etc. The basic purpose of this course is to inspire the rural youth to be professional, innovative and scientific in the field of agriculture.

## Our topper



**JASMINE RANA**  
**B.SC.(HONS.) AGRICULTURE**  
**9.3 CGPA (2021-2025)**

### SEMESTER-I

1. AGR-111 Fundamentals of Agronomy
2. SSC-112 Fundamentals of Soil Science
3. FSC-113 Fundamentals of Horticulture
4. EXT-114 Rural Sociology and Educational Psychology
5. AGR-115 Farming based livelihood systems
6. PPL-116 Mushroom Production Technology
7. Hort-117 Horticulture Nursery Management
8. NSS118 NSS/NCC
9. ENG-1006 Communication Skills
10. PBI-2001 Punjabi Compulsory/  
/PBIC2001A Basic Punjabi (Mudhli Punjabi)
11. AGR-119 Deeksharimbh (Induction cum foundation course)
12. MAT-120 Introductory Mathematics (Need Based)
13. VAC1101T Environment and Road Safety

### SEMESTER-II

1. SSC-121 Soil Fertility Management
2. ENT-122 Fundamentals of Entomology
3. PPL-123 Fundamentals of Plant Pathology
4. EVS-124 Environmental Studies and Disaster Management
5. LPM-125 Livestock and Poultry Management
6. SST-126 Seed Production Technology
7. PHT-127 Postharvest processing Technology
8. EXT-128 Personality Development
9. NSS129/  
NCC-129 NSS/NCC
10. PBI-2001/  
PBIC-2001A Punjabi Compulsory/  
Basic Punjabi (Mudhli Punjabi)
11. VAC1201T Drug Abuse

### SEMESTER-III

1. AGRON-211 Crop Production Technology-I (*Kharif Crops*)
2. PBG-211 Fundamentals of Plant Breeding
3. ECON-211 Agricultural Finance and Cooperation

4. AGINF-211 Agro-informatics
5. AE-211 Farm Machinery and Power
6. HORT-211 Production Technology for Vegetable and Spices
7. STAT-211 Statistical Methods
8. LPM-211 Livestock and Poultry Management
9. EXT-211 Human Values and Ethics\* (\*Non-credit hour)

### SEMESTER-IV

1. AGRON-222 Crop Production Technology-II (*Rabi Crops*)
2. HORT-222 Production Technology for Ornamental Crops, MAP and Landscaping
3. HORT-223 Production Technology for Fruit and Plantation Crops
4. AE-222 Renewable Energy and Green Technology
5. SOILS-221 Problematic Soils and their Management
6. ENT-221 Pests of Crops and Stored Grains and their Management
7. PBG-222 Principles of Seed Technology
8. AGRON-223 Farming System and Sustainable Agriculture
9. ECON-222 Agricultural Marketing Trade and Prices
10. Elective Courses-I
- 10.1 ABM-221 Agri-business Management
- 10.2 AGRON-224 Weed Management
- 10.3 FST-221 Food Safety and Standards

### SEMESTER-V

1. PLPATH-311 Principles of Integrated Pest and Disease Management
2. SOILS-311 Manures, Fertilizers and Soil Fertility Management
3. AGRON-311 Agrometeorology & Climate Change
4. PLPATH-312 Diseases of Field and Horticulture Crops and their Management-I

- 5. PBG-311 Crop Improvement-I (*Kharif Crops*)
- 6. ABM-311 Entrepreneurship Development and Business Communication
- 7. FST-311 Principles of Food Science and Nutrition
- 8. AGRON-312 Practical Crop Production-I(*Kharif Crops*)
- 9. PBG-312 Intellectual Property Rights
- 10. (Elective-II) (Any One Option)
- 10.1 HORT-312 Protected Cultivation
- 10.2 AGRON-312 Agrochemicals
- 10.3 EXT-311 Agricultural Journalism

#### SEMESTER-VI

- 1. AGRON-324 Rainfed Agriculture and Watershed Management
- 2. AE-321 Protected Cultivation and Secondary Agriculture
- 3. PLPATH-323 Diseases of Field and Horticultural Crops and their Management-II
- 4. HORT-323 Post-harvest Management and Value Addition of Fruits and Vegetables
- 5. ENT-321 Management of Beneficial Insects
- 6. PBG-323 Crop Improvement-II (*Rabi crops*)
- 7. AGRON-325 Practical Crop Production -II (*Rabi crops*)
- 8. AGRON-326 Principles of Organic Farming
- 9. ECON-321 Farm Management, Production and Resource Economics

- 10. (Elective-III) (Any One Option)
- 10.1 BIOTECH-321\* Micro Propagation Techniques
- 10.2 HORT-324 Landscaping
- 10.3 MICRO-321 Biopesticides and Biofertilizers
- 10.4 PBG-324\* Commercial Plant Breeding

#### SEMESTER-VII

- 1. RAWE-411 Rural Agricultural Work Experience and Agro-Industrial Attachment

#### SEMESTER-VIII

Any two of the following options

- 1 ELBB-421 Production Technology for Bioagents and Biofertilizer
- 2 ELSP-422 Seed Production and Technology
- 3 ELMC-423 Mushroom Cultivation Technology
- 4 ELST-424 Soil, Plant, Water and Seed Testing
- 5 ELCB-425 Commercial Beekeeping
- 6 ELPP-426 Poultry Production Technology
- 7 ELCH-427 Commercial Horticulture
- 8 ELFL-428 Floriculture and Landscaping
- 9 ELFP-429 Food Processing
- 10 ELAW-430 Agriculture Waste Management
- 11 ELOP-431 Organic Production Technology
- 12 ELCS-432 Commercial Sericulture



# M.SC. PHYSICS

Duration : 4 Semesters (2 Years)

Total Seats : 30

Eligibility :  
B.Sc. Non Medical &  
B.Sc. Hons. Physics.

Physicists are problem solvers. Physicists design computer games, monitor the environment, invent life-saving medical equipment, work in automobile industry, financial markets, and shape futuristic buildings and structures. Master's Degree in Physics opens vast avenues for the students. The department has well-equipped laboratories and a rich library with an excellent collection of books on physics to serve the needs of the students.

Our topper



SHIVANI DHIMAN  
M.SC. PHYSICS  
8.86 CGPA (2023-2025)

## SEMESTER-I

PH-1.1.1	Mathematical Methods of Physics-I
PH-1.1.2	Classical Mechanics
PH-1.1.3	Classical Electrodynamics
PH-1.1.4	Quantum Mechanics
PH-1.1.5	Elective Paper (any one) (I) Electronics-I (ii) Remote Sensing (iii) Microwave and its propagation
PH-1.1.6	Laboratory Practice (i) Electronics Lab (ii) Laser & Optics Lab

## SEMESTER-II

PH-1.2.1	Mathematical Methods of Physics-II
PH-1.2.2	Adv. Class. Mech. & Electrodynamics
PH-1.2.3	Advanced Quantum Mechanics
PH-1.2.4	Statistical Mechanics
PH-1.2.5	Elective Paper (any one) (I) Electronics-II (ii) Physics of Electronic devices (iii) Sci. and Tech. of Solar Hydrogen
PH-1.2.6	Laboratory Practice (i) Electronics Lab (ii) Laser & Optics Lab

## SEMESTER-III

PH-2.1.1	Condensed Matter Physics -I
PH-2.1.2	Nuclear Physics
PH-2.1.3	Atomic and Molecular Spectroscopy Elective Paper (any one) (i) Laser & Fiber Optics (ii) Material Science (iii) Computational Meth. & Simulation
PH-2.1.4	
PH-2.1.5	
PH-2.1.6	Laboratory Practice

PH-2.1.7	(i) Nuclear Physics & Counter Electronics Lab. (ii) Condensed Matter Physics Lab.
PH-2.1.8	Computer Lab/Minor Research Project

## SEMESTER-IV

PH-2.2.1	Condensed Matter Physics -II
PH-2.2.2	Nuclear & Particle Physics
PH-2.2.3	Elective Paper (any two) & (i) Radiation Physics (ii) Advanced Electronics (iii) Theoretical Nuclear Physics (iv) Plasma Physics (v) Experimental Techniques in Physics
PH-2.2.4	Laboratory Practice (I) Nuclear Physics & Counter Electronic Lab. (ii) Condensed Matter Physics Lab
PH-2.2.5	
PH-2.2.6	
PH-2.2.7	Computer Lab / Minor Research Project
PH-2.2.8	
PH-2.2.9	



# B.SC. (HONOURS) PHYSICS

Eligibility :  
10+2 in  
Science Stream.

Duration : 8 Semesters (3+1 Years)

Total Seats : 40

Physics is a human attempt to discover certain laws of nature and to study their functioning and consequences. What drives a physicist is the curiosity about nature and the fact that the answers to the various questions lie together in a beautiful pattern. The advantage of pursuing Physics (Hons) is that it is logical and principle-based and involves mathematical applications. Here, there is no scope for rote learning and students can do well in higher studies and the areas of IT, banking and other applied fields such as Nuclear Physics and Nanotechnology.

## SEMESTER-I

PHYBH1101T	MAJ:Mechanics
PHYBH1101P	MAJ:Physics Laboratory
PHYBH1102T	MAJ:Electricity and Magnetism
PHYBH1102P	MAJ:Physics Laboratory
PHYBH1101T	MIN:Mechanics
PHYBH1101P	MIN:Physics Laboratory
PHYBH1103T	IDC/MDC:Evolving Universe
PHYBH1104P	SEC:Electronics Workshop-1
	VAC:Environmental Studies
	AEC:English-1
	Punjabi-1

## SEMESTER-II

PHYBH1201T	MAJ:Waves and Vibrations
PHYBH1201P	MAJ:Physics Laboratory-I
PHYBH1202T	MAJ:Optics
PHYBH1202P	MAJ:Physics Laboratory-II
PHYBH1201T	MIN: Waves and Vibrations
PHYBH1201P	MIN: Physics Laboratory-I
PHYBH1203T	IDC/MDC:Evolution of Science
PHYBH1204P	SEC: Electronics Workshop-II
DAPB1201	VAC: Drug Abuse
BHE-201	AEC: English-2
BHP-201A	Punjabi-2

## SEMESTER-III

PHYB2301T	MAJ: Thermodynamics
PHYB2301P	MAJ Lab: Physics Laboratory-I
PHYB2302T	MAJ: Modern Physics
PHYB2302P	MAJ Lab: Physics Laboratory-II
PHYB2301T	MIN: Thermodynamics
PHYB2301P	MIN Lab: Physics Laboratory-I
PHYB2303T	SEC: Optics Workshop
PHYB2303P	SEC: Optics Workshop
	VAC: VAC-III
	AEC: English-III
	Option-I: Punjabi-III
	Option-II: Mudhla Gyan-III

## SEMESTER-IV

PHYB2401T	MAJ: Quantum Mechanics-I
PHYB2401P	MAJ Lab: Physics Laboratory-I
PHYB2402T	MAJ: Statistical Physics

## Our topper



**MEHAKPREET KAUR**  
**B.SC. HONS PHYSICS**  
**9.24 CGPA (2022-2025)**

PHYB2402P	MAJ Lab: Physics Laboratory-II
PHYB2401T	MIN: Statistical Physics
PHYB2401P	MIN LAB : Physics Laboratory- II
PHYB2403P	IDC/MDC: Radiation Safety
	VAC: Contribution of Indian Scientists in Physics
	AEC: English-IV
	Option-I: Punjabi-IV
	Option-II: Mudhla Gyan-IV

## SEMESTER-V

PHY-3.1.1	Nuclear Physics
PHY-3.1.1P	Nuclear Physics Practical
PHY-3.1.2	Solid State Physics
PHY-3.1.2P	Solid State Physics Practical
PHY-3.1.3	Medical Physics
PHY-3.1.4	Classical Dynamics

## SEMESTER-VI

PHY-3.2.1	Electromagnetic Theory
PHY-3.2.1P	Electromagnetic Theory Practical
PHY-3.2.2	Statistical Mechanics
PHY-3.2.3	Laser Physics
PHY-3.2.3P	Laser Physics Practical
PHY-3.2.4	Particle Physics & Accelerators

# M.SC. CHEMISTRY

Eligibility :

Duration : 4 Semesters (2 Years)

Total Seats : 60

Graduation with Chemistry as  
on of the subjects

The main objective of M.Sc. Chemistry is to build a scientific temperament among the students so as to develop a high learning aptitude, competency in research skills and cultivate a generation of confident and skilled chemists. M.Sc. Chemistry offers a wide variety of career options, ranging from traditional areas such as pharmaceuticals, chemical analysis and synthesis, quality control and quality assurance, to inter-disciplinary fields such as molecular biology, materials science and non-traditional areas such as medicine, patent or environmental law, forensic science and environmental studies, etc.

## SEMESTER-I

- MC101 Inorganic Chemistry-I
- MC102 Organic Chemistry-I
- MC103 Physical Chemistry-I
- Mc104 (A)Mathematics for Chemist OR Mc104  
(B)Biology for Chemist
- MC105 Inorganic Chemistry Practical
- Mc106 Analytical Chemistry Practical

SEMESTER-III Choose any one of the following:

### Option - I : Inorganic Chemistry

- MC301 Analytical Chemistry
- MC311 Ligand Field Theory
- MC312 Reaction Mechanism of Transition Metal  
Complexes

- MC313 Inorganic Spectroscopy - I
- MC314 Inorganic Chemistry Practical- I
- MC315 Inorganic Chemistry Practical- II

### Option - II : Organic Chemistry

- MC301 Analytical Chemistry
- MC321 Applications of Organic Molecular Spectroscopy
- MC322 Chemistry of Natural Products
- MC323 Organic Synthesis
- MC324 Organic Chemistry Practical - I
- MC325 Organic Chemistry Practical - II

### Option - III : Physical Chemistry

- MC301 Analytical Chemistry
- MC331 Fundamental of Spectroscopy
- MC332 Statistical Thermodynamics
- Mc333 Fundamentals and Atmospheric Photochemistry
- MC334 Instrumental Physical Chemistry Practical - I
- MC335 Physical Chemistry Practical - I

## Our topper



**PRIYA**  
**M.SC. CHEMISTRY**  
**9.15 CGPA (2023-2025)**

## SEMESTER-II

- MC201 Inorganic Chemistry-II
- MC202 Organic Chemistry-II
- MC203 Physical Chemistry-II
- MC204 Computer for Chemist
- MC205 Organic Chemistry Practical
- MC206 Physical Chemistry Practical

## SEMESTER-IV

### Option - I : Inorganic Chemistry

- MC401 Environmental Chemistry
- MC411 Chemistry of Organometallic Compounds
- Mc412 Advanced Topics in Inorganic Chemistry
- MC413 Inorganic Spectroscopy - II
- MC414 Inorganic Chemistry Practical- I
- MC415 Inorganic Chemistry Practical- II

### Option - II : Organic Chemistry

- MC401 Environmental Chemistry
- MC421 Photochemistry and Pericyclic Reactions
- MC422 Modern Synthetic Reactions and  
Rearrangements
- MC423 Heterocyclic Chemistry
- MC424 Organic Chemistry Practical - I
- MC425 Organic Chemistry Practical - II

### Option - III : Physical Chemistry

- MC401 Environmental Chemistry
- MC431 X-Ray Diffraction and other Techniques
- MC432 Biophysical Chemistry and Advanced  
Spectroscopy
- MC433 Polymers and Surface Chemistry

# B.S.C. (HONOURS) CHEMISTRY

Duration : 8 Semesters (3+1 Years) Total Seats : 40

Eligibility :  
As per Punjabi  
University norms.

Chemistry is an essential science which provides the connection between molecular concepts and the complex systems found in nature. The curriculum of graduation in Chemistry Honours at our college is structured to stress upon the understanding of the chemical principles as well as the experimental basis of science. We are devoted to build a strong foundation for the graduates extending hands-on-training in our well equipped laboratories that will help in building up a cutting-edge academic or professional career in the applied areas of chemistry like computational chemistry, nanochemistry, nuclear, textile and medicinal chemistry.

## SEMESTER-I

CHEB1101	Inorganic Chemistry-I
CHEB1102	Inorganic Chemistry Practicals-I
CHEB1103	Physical Chemistry-I
CHEB1104	Physical Chemistry Practicals-I
CHEB1105	Basic Inorganic Chemistry (For Other Departments)
CHEB1106	Basic Inorganic Chemistry Practicals
PHYB1101T	Mechanics
PHYB1101P	Physics Laboratory-1
BHP101A	Punjabi Compulsory
BCP101B	Mudla Gyan
BHE101-AEC	English (Communication Skills)
ERS1101T-VAC	Environment and Road Safety
CHEB1107-IDC/MDC	Food Composition and Safety analysis
CHEB1108-SEC	Chemistry of Cosmetics & Perfumes

## SEMESTER-II

CHEB1201	Inorganic Chemistry-II
CHEB1202	Inorganic Chemistry Practicals-II
CHEB1203	Organic Chemistry-I
CHEB1204	Organic Chemistry Practicals-I
PHYB1201T	Waves and Vibrations
PHYB1201P	Physics Lab-I
CSAI1102T-IDC	Internet and Web Technologies (1.3 TO PO C3)
CHEB1208-SEC	Basic Analytical Chemistry
BHP-201A	Punjabi/Mudla Gyan
BHE-201-AEC	English (Communication Skills)
VAC	Drug Abuse

## SEMESTER-III

CHEB2301	Organic Chemistry-II
CHEB2302	Organic Chemistry Practicals-II
CHEB2303	Physical Chemistry-II
CHEB2304	Physical Chemistry Practicals-II
PHYB2301T	Thermodynamics
PHYB2301P	Physics Laboratory
CHEB2307-SEC	Fertilizers and Pesticides
BSP-301A	Punjabi Compulsory
BSP-301B	Punjabi Mudla Gyan
BHE-301-AEC	English (Communication Skills)
PHE-VAC-312C	Yoga and Meditation

## Our topper



**NANDNI SHARMA**  
B.SC. HONS CHEMISTRY  
8.91 CGPA (2022-2025)

## SEMESTER-IV

CHEB2401	Organic Chemistry-III
CHEB2402	Organic Chemistry Practicals-III
CHEB2403	Inorganic Chemistry-III
CHEB2404	Inorganic Chemistry Practicals-III
PHYB2402T	Statistical Physics
PHYB2402P	Physics Lab-II
CSAI1201T	Internet and Web Technologies
BSP-401A/BSP-401B	Punjabi/Mudla Gyan
BHE-401-AEC	English (Communication Skills)
VAC	Nutrition and Dietetics

## SEMESTER-V

BHC-501	Inorganic Chemistry-IV
BHC-502	Organic Chemistry-IV
BHC-503	Physical Chemistry-V
BHC-504	Computer Applications
BHC-501(P)	Inorganic Chemistry Practical-IV
BHC-502(P)	Organic Chemistry Practical-IV
BHC-503(P)	Physical Chemistry-V Practical
BHC-504(P)	Computer Application Practical

## SEMESTER-VI

BHC-601	Organic Chemistry-V
BHC-602	Analytical Methods in Chemistry
BHC-603	Research Method for Chemistry
BHC-604	Inorganic Materials of Industrial Importance
BHC-601(P)	Organic Chemistry-V Practical
BHC-602(P)	Analytical Method in Chemistry Practical
BHC-604(P)	Inorganic Materials of Instrumental Importance Practical

# M.SC. MATHEMATICS

**Duration : 4 Semesters (2 Years)**

**Total Seats : 30**

**Eligibility :  
Min 50% marks in  
Graduation with Mathematics**

The realm of a mathematician is vast and spreads over various domains like: Investments, Banks, Insurance Companies, Financial Institutes, Engineering Consultancies, Medical Research and Computing. The department has close relationship with the affiliating University, Autonomous colleges in Punjab and the faculty of IIT Ropar, for the development of mathematical skills in the students. Master's degree in mathematics equips the students with high level analytical skills that open the door to a wide range of careers in the fields of teaching, research, banking and industry etc.

## Semester-I

MM 401	Algebra-I
MM 402	Real Analysis-I
MM 403	Topology-I
MM 404	Differential Equations
MM 405	Complex Analysis

## Semester-II

MM 501	Algebra-II
MM 502	Real Analysis-II
MM 503	Differential Geometry
MM 504	Topology-II
MM 505	Mathematical Methods

## Our topper



**KOMAL**

**M.SC. MATHS**

**9.40 CGPA (2023-2025)**

## Semester-III

MM 601	Functional Analysis (Compulsory)
MM 602	Differentiable Manifolds (Compulsory)
<b>Student can opt any three of the following :</b>	
MM 603	Mathematical Statistics-I
MM 604	Numerical Analysis-I
MM 605	Field Theory
MM 606	Optimization Techniques-I
MM 607	Solid Mechanics
MM 608	Algebraic Coding Theory
MM 609	Category Theory

## Semester-IV

MM 701	Structures on Manifolds
MM 702	Theory of Linear Operators
<b>Student can opt any three of the following :</b>	
MM 703	Mathematical Statistics-II
MM 704	Numerical Analysis-II
MM 705	Commutative Algebra
MM 706	Non Linear Programming
MM 707	Optimization Techniques-II
MM 708	Classical Mechanics
MM 709	Fuzzy Sets and Applications
MM 710	Project

# B.SC. (HONOURS) MATHEMATICS

Eligibility :

Min 50% marks in  
10+2 with Mathematics

Duration : 8 Semesters (3+1 Years) Total Seats : 40

## SEMESTER-I

MATB 1101T	Algebra and Trigonometry
MATB 1102T	Co-ordinate Geometry
MATBM 1103T	Fundamental of Statistics I
MATBS 1104P	Mathematics Based Practical's
MATBI 1106T	Quantitative Ability I

## SEMESTER-II

MATB 1201T	Calculus I
MATB 1202T	Ordinary Differential Equations
MATBM 1203T	Fundamental of Statistics II
MATBS 1204T	Numerical Analysis
MATBI 1206T	Quantitative Ability II

## SEMESTER-III

MATB 2301T	CALCULUS-II
MATBM 2303T	CALCULUS-II
MATB-2302T	Linear Algebra
MATBS- 2304T	Numerical Analysis II

## SEMESTER-IV

MATB-2401T	Analysis
MATB-2402T	Partial Differential Equations
MATB-2401T	Analysis
MATBI 2404T	Laplace Transform

## SEMESTER-V

BMH 501	Ring Theory and Linear Algebra-II
BMH 502	Numerical Methods
BMH 502P	Numerical Methods Lab using C++
BMH 503	Statics and Dynamics
BMH 504	Linear Programming

## Our topper



**JASPREET KAUR**  
**B.SC. HONS MATHS**  
**9.25 CGPA (2022-2025)**

## SEMESTER-VI

BMH 601	Metric Spaces and Complex Analysis
BMH 602	Analytic and Solid Geometry
BMH 603	Integral Equations and Integral Transforms
BMH 604	Discrete Mathematics and Graph Theory
BMH 605	Interdisciplinary Project Work

Mathematics is a methodical application of matter because the subject makes a man methodical or systematic. Mathematics makes our life orderly and prevents chaos. Certain qualities that are nurtured by studying and applying mathematics are power of reasoning, creativity, abstract or spatial thinking, critical thinking, problem-solving ability and even effective communication skills. Thus, it is not surprising that the graduates in Mathematics are in great demand in today's world.

# MASTER OF SCIENCE IN BOTANY

(with specialisation in Plant Pathology)

Duration : 4 Semesters (2 Year)

Total Seats : 30

Eligibility:  
Minimum 50% marks in  
Graduation with Botany.

Master's Degree in Botany provides knowledge about diverse aspects of plant life like Genetics, Taxonomy, Economic importance of plants and skills to understand the fundamental and physiological aspects of plants. It also helps to solve some of the world's most important current issues such as conservation of natural biodiversity & the effects of climate change. The expertise gained during the course will help students to find employment in primary & secondary teaching, Technical Sector, Department of Plant and Soil conservation, regional industries related to Pharmacy, Plant Tissue Culture and Biotechnology. Above all, it will enable students to pursue research related to diverse areas such as agriculture, environment and forest related issues and exploration of flora.

## Our topper



**RADHIKA RANA**  
**M.SC. BOTANY**  
**8.98 CGPA (2023-2025)**

## SEMESTER-I

### CORE COURSE

- M-BOT-T-1.1 Phycology and Bryology
- M-BOT-T-1.2 Mycology
- M-BOT-T-1.3 Cell and Molecular Biology
- M-BOT-T-1.4 Research Techniques

### ELECTIVE COURSE: \*One Subject to be opted

- M-BOT-T-1.5 Microbiology
- M-BOT-T-1.6 Forest Botany

### Practicals

- M-BOT-L-1.1 Pertaining to Theory Papers M-BOT-T-1.1 & 1.2
- M-BOT-L-1.2 Pertaining to Theory Papers M-BOT-T-1.3 & 1.4
- M-BOT-L-1.3 Pertaining to Theory Papers M-BOT-T-1.5 or 1.6

## SEMESTER-II

### CORE COURSE

- M-BOT-T-2.1 Pteridophytes and Gymnosperms
- M-BOT-T-2.2 Plant Genetics
- M-BOT-T-2.3 Plant Physiology
- M-BOT-T-2.4 Plant Biochemistry and Metabolism

### ELECTIVE COURSE: \*One Subject to be opted

- M-BOT-T-2.5 Ethnobotany and Intellectual Property Rights
- M-BOT-T-2.6 Environmental Toxicology

### Practicals

- M-BOT-L-2.1 Pertaining to Theory Papers M-BOT-T-2.1 & 2.2
- M-BOT-L-2.2 Pertaining to Theory Papers M-BOT-T-2.3 & 2.4
- M-BOT-L-2.3 Pertaining to Theory Papers M-BOT-T-2.5 or 2.6

## SEMESTER-III

### CORE COURSE

- M-BOT-T-3.1 Plant Anatomy and Reproduction
- M-BOT-T-3.2 Ecology and Phytogeography
- M-BOT-T-3.3 Biostatistics and Bioinformatics
- M-BOT-T-3.4 Systematics and Diversity of Angiosperms

### ELECTIVE COURSE: \*One Subject to be opted

- M-BOT-T-3.5 Principles of Plant Pathology
- M-BOT-T-3.6 Evolutionary Biology

### Practicals

- M-BOT-L-3.1 Pertaining to Theory Papers M-BOT-T-3.1 & 3.2
- M-BOT-L-3.2 Pertaining to Theory Papers M-BOT-T-3.3 & 3.4
- M-BOT-L-3.3 Pertaining to Theory Papers M-BOT-T-3.5 or 3.6

## SEMESTER-IV

### CORE COURSE

- M-BOT-T-4.1 Crop Genetics and Plant Breeding
- M-BOT-T-4.2 Biodiversity and Global Climate Change
- M-BOT-T-4.3 Plant Tissue Culture and Biotechnology
- M-BOT-T-4.4 Plant Resource and Utilization

### ELECTIVE COURSE: \*One Subject to be opted

- M-BOT-T-4.5 Plant Diseases and Management (pre-requisite is 3.5)
- M-BOT-T-4.6 Agricultural Botany

### Practicals

- M-BOT-L-4.1 Pertaining to Theory Papers M-BOT-T-4.1 & 4.2
- M-BOT-L-4.2 Pertaining to Theory Papers M-BOT-T-4.3 & 4.4
- M-BOT-L-4.3 Pertaining to Theory Papers M-BOT-T-4.5 or 4.6

# MASTER OF SCIENCE IN ZOOLOGY

**Duration : 4 Semesters (2 Year)**

**Total Seats : 30**

Eligibility:  
Minimum 50% marks in  
Graduation with Zoology.

Zoology refers to the branch of science that deals with the study of the mannerism, habitats, structure and classification of animals. The PG Course in Zoology offers a wide range of subject options for the budding Zoologists. This course is designed to develop practical experience of modern laboratory and field research techniques, giving you a range of technical skills. Students will gain a strong set of transferable skills, including: analytical skills, data-handling skills and presentation and oral communication skills while pursuing this course. Moreover, after completing M.Sc. students can go for teaching and research job in Govt as well as private sector, or zookeeping at a zoo, wildlife centres, parks and aquariums. Many zoologists' careers involve hands-on work, traveling and monitoring animals in their natural habitats as shown in popular TV channels like Animal Planet, Discovery, Nat Geo Wild etc.

## Our topper



**ASHMITA**  
**M.SC. ZOOLOGY**  
**8.9 CGPA (2023-2025)**

### SEMESTER-I

- MZO 111 Biosystematics and Taxonomy
- MZO 112 Evolutionary Biology
- MZO 113 Molecular Biology
- MZO 114 Developmental Biology
- MZO115 Concepts of Ecology
- MZO 116 Theory Paper MZO 111 and 112
- MZO 117 Theory Paper MZO 113 and 114
- MZO 118 Theory Paper MZO 115

### SEMESTER-II

- MZO121 Cytogenetics
- MZO122 General Physiology
- MZO 123 Biochemistry
- MZO 124 General Immunology
- MZO 125 A Bioinformatics and Applied Biology
- MZO 125 B Industrial Zoology
- MZO 126 Theory Paper MZO 121 and 122
- MZO 127 Theory Paper MZO 123 and 124
- MZO 128 Theory Paper MZO 125 A or 125 B

### SEMESTER-III

- MZO211 Animal Behaviour
- MZO 212 General Endocrinology

- MZO 213 Instrumentation and Biostatistics
- MZO 214 Cell Signalling
- MZO215 Microbiology
- MZO 216 Theory Paper MZO 211 and 212
- MZO 217 Theory Paper MZO 213 and 214
- MZO 218 Theory Paper MZO 215

### SEMESTER-IV

- MZO221 Zoogeography, Wildlife and its Management
- MZO222 Histology and Histochemistry
- MZO 223 Bio -Techniques
- MZO 224 Fish and Fisheries
- MZO 225 A Parasitology
- MZO 225 B Entomology
- MZO 225 C Research Project
- MZO 226 Theory Paper MZO 221 and 222
- MZO 227 Theory Paper MZO 223 and 224
- MZO 228 Theory Paper MZO 225 A or 225 B or 225 C



# MASTER OF COMMERCE (M.COM.)

**Duration : 4 Semesters (2 Years)**

**Total Seats : 45**

## Eligibility :

B.Com / BBA /BMTI / BAF with 50% marks in aggregate (45% for SC / ST and physically handicapped candidates with at least 35% disability) or as specified by Punjabi University, Patiala.

Master of Commerce, a post-graduate degree course focuses on adequate specialization in theory and practice of accounting, finance, statistics and marketing. After completing this programme, multifarious channels open for an individual in Financial Services, Marketing & Project Management, Business Consulting, Administrative Services and Government Sector.

## Our topper



**JASHANPREET KAUR**  
**M.COM**  
**232219**  
**CGPA 9.11**  
&  
**QUALIFIED UGC-NET**

## MC 206 Summer Training

**NOTE:** A student opting a particular group from the group of elective papers will have to continue with the same group in all the semesters of the course.

## SEMESTER-III

- MC 301 Contemporary Auditing
- MC 302 Corporate Legal Framework
- MC 303 Direct Tax Laws
- MC 304 Marketing Management
- MC 305 Workshop on Data Analytics
- Elective Paper (Any One Group)**

### Group I: Finance

- MC 306 (i) Management of Financial Services

### Group II: Accounting & Management

- MC 306 (ii) Project Management

## SEMESTER-IV

- MC401 Human Resource Management
- Mc402 Fundamentals of Investment
- MC403 Banking and Insurance Services
- MC404 Corporate Tax Planning
- Mc405 Dissertation (Research Project Report)
- MC405A Comprehensive Viva Voce based on Project Report

### Elective Paper (Any One Group)

### Group I: Finance

- MC 406 (i) International Finance

### Group II: Accounting and Management

- MC 406 (ii) Corporate Governance

## SEMESTER-I

Mc101 Management Concepts and Organizational Behaviour

MC102 Accounting for Managerial Decisions

MC103 Business Economics

MC104 E-Commerce

### Elective Paper (Any one group)

#### Group-I Finance

Mc105 (i) Financial Management and Policies

#### Group-II Accounting and Management

Mc105 (ii) International Accounting

## SEMESTER-II

MC 201 Advanced Accounting

MC 202 Business Environment

MC 203 Research Methodology & Statistical Techniques

MC 204 \*Seminar (Based upon current issues relating to commerce)

### Elective Paper (Any one group)

#### Group-I Finance

MC 205(i) Financial Institutions and Markets

#### Group-II Accounting and Management

MC 205(ii) Management Information and Control System

# BACHELOR OF COMMERCE (B.COM.) / B.COM. (HONOURS)

(As per NEP 2020)

Eligibility :

10+2 Pass in any stream as per the norms specified by Punjabi University, Patiala.

Duration : 8 Semesters (3+1 Years) Total Seats : 90

The course structure of the Bachelor of Commerce (B.Com.) degree is designed to provide the students with a wide range of managerial and accounting skills while at the same time building competence in other areas of business studies. The course equips the students with analytical, communication and problem-solving skills to effectively identify issues and find efficient and practical solutions. Students can become accountants, auditors, taxation specialists and customer relationship officers in Finance and Banking Industry, in Accounting and Computer Profession both in Corporate and Public Sector.

## SEMESTER-I

- BC 1.1 Financial Accounting-I
- BC 1.2 Business Laws-I
- BC 1.3 Business Economics- I
- BC 1.4 Business Organization
- BC 1.5 English (Communication Skills-I)
- BC 1.6 Computer Applications in Business
- BC 1.7 Environmental and Road safety Awareness
- BC 1.8A/ 1.8 B Punjabi Compulsory/ Mudla Gyan
- EMS-01 Entrepreneurship Mindset

## SEMESTER-II

- BC 2.1 Financial Accounting-II
- BC 2.2 Business Laws-II
- BC 2.3 Business Economics- II
- BC 2.4 Management Principles
- BC 2.5 English (Communication Skills-II)
- BC 2.6 E-Commerce
- BC 2.7 Drug Abuse
- BC 2.8A/ 2.8 B Punjabi Compulsory/ Mudla Gyan
- EMS-02 Entrepreneurship Mindset

## SEMESTER-III

- BC 3.1 Income tax-1
- BC 3.2 Corporate Accounting -1
- BC 3.3 Business Environment -1
- BC 3.4 English
- BC 3.5 Fundamentals of entrepreneurship
- BC 3.6 Yoga and Meditation
- BC 3.7 A/B Punjabi Compulsory / Mudla Gyan

## SEMESTER-IV

- BC 4.1 Income tax -2
- BC 4.2 Corporate accounting-2

- BC 4.3 Business Environment -2
- BC 4.4 English
- BC 4.5 Marketing Management
- BC 4.6 Nutrition & Dietics
- BC 4.7 A/B Punjabi Compulsory / Mudla Gyan

*under NEP 2020*

## SEMESTER-V

- BC 5.1 Management Accounting-I
- BC 5.2 Cost Accounting-I
- BC 5.3 Indirect Taxes
- BC 5.4 Auditing
- BC 5.5 Money and Banking
- BC 5.6 A/B Punjabi Compulsory / Mudla Gyan
- BC 5.7 Summer Internship

## SEMESTER-VI

- BC 6.1 Management Accounting-II
- BC 6.2 Cost Accounting-II
- BC 6.3 Fundamentals of Insurance
- BC 6.4 Business Ethics & Corporate Governance
- BC 6.5 International Business
- BC 6.6 A/B Punjabi Compulsory / Mudla Gyan

*Note : Subjects are to be approved in BOS*



**OUR PRIDE**  
Prerna Sharma  
Bcom(Regular)  
Session 2024-25  
CGPA -8.35

Cleared CA Foundation in June 2023 and CA Intermediate first group in September 2024 and second group in January 2025  
•Started articleship in June 2025

# BACHELOR OF BUSINESS ADMINISTRATION

**Eligibility :**

**10+2 Pass in any stream as per the norms specified by Punjabi University, Patiala.**

**Duration : 8 Semesters (3+1 Years) Total Seats : 60**

The college is the first in the region to take initiative for imparting quality management education to students. This course has been introduced to strengthen the foundation of those students who want a professional degree to succeed in the corporate world. The course content of B.B.A. is designed to provide right type of exposure to the students by focusing on various functional areas of management. The students are prepared to explore fresh opportunities in the areas of entrepreneurship and business administration. B.B.A. Graduates have an edge over other graduates as they can move on to Masters qualification i.e. M.B.A. with greater confidence. Employment areas are Export houses, Business houses, MNCs and Marketing organizations.

## SEMESTER-I

- BBA 1.1 Principles and Practice of Management
- BBA 1.2 Financial Accounting
- BBA 1.3 Business Statistics
- BBA 1.4A/B Punjabi Compulsory / Mudhla Gyan
- BBA 1.5 Business Communication -I
- BBA 1.6 General English
- BBA 1.7 Personality Development
- BBA 1.8 Environmental Science and Sustainability
- EMS-01 Entrepreneurship Mindset

## SEMESTER-II

- BBA 2.1 Human Behavior and Organization
- BBA 2.2 Marketing Management
- BBA 2.3 Business Economics
- BBA 2.4A/B Punjabi Compulsory / Mudhla Gyan
- BBA 2.5 Business Communication –II
- BBA 2.6 Workshop on Computer Applications
- BBA 2.7 Human Values and Business Ethics
- BBA 2.8 Drug Abuse

## SEMESTER-III

- BBA 3.1 Cost & Management Accounting
- BBA 3.2 Business Law
- BBA 3.3 Human Resource Management
- BBA 3.4 A/B Punjabi Compulsory / Mudla Gyan
- BBA 3.5 Seminar on Current issues in IKS
- BBA 3.6 Management Information system
- BBA 3.7 Disaster Management

## Our topper



**KALPANA**  
**B.B.A.**  
**8.71 CGPA**  
**(2022-2025)**

## SEMESTER-IV

- BBA 4.1 Entrepreneurship and startup Ecosystem
- BBA 4.2 Production & Operations Management
- BBA 4.3 Financial Management
- BBA 4.4 Business Research Methodology
- BBA 4.5 Punjabi Compulsory / Mudhla Gyan
- BBA 4.6 Workshop on Design thinking and innovation

## SEMESTER-V

- BBA 5.1 Strategic Management
- BBA 5.2 Logistics and Supply Chain Management
- BBA 5.3 Discipline Specific Electives-I
- BBA 5.4 Discipline Specific Electives-II
- BBA 5.5 Internship / Capstone Project
- BBA 5.6 Major Project
- BBA 5.7 Discipline Specific Elective

## SEMESTER-VI

- BBA 6.1 Project Management
- BBA 6.2 Business Taxation
- BBA 6.3 Discipline Specific Electives-III
- BBA 6.4 Discipline Specific Electives-IV
- BBA 6.5 Corporate Governance
- BBA 6.6 Major Project
- BBA 6.7 Discipline Specific Elective

*Note : Subjects are to be approved in the meeting of BOS*

# MASTER OF COMPUTER APPLICATIONS (M.C.A.)

**A.I.C.T.E. approved**

**Duration : 4 Semesters (2 Years)**

**Total Seats : 60**

*MCA is a two-year postgraduate program that focuses on computer applications. The course is designed to provide students with the knowledge and skills that are required to develop and implement computer applications. It is a popular choice for students who want to pursue a career in the IT (Information Technology) industry. MCA course allows candidates to develop computer skills which are in great demand across various IT and Software companies. Moreover, it is designed to meet the shortage of qualified professionals in the IT industry in India.*

*It is a sought-after course after completing BCA which allows candidates to work as IT consultant, Database Engineer, Social Media Handler, and in various other positions. MCA can provide a candidate with in-depth knowledge of programming languages, software development, database management, and computer networks. MCA graduates can find jobs in various sectors, including software development, IT consulting, banking, finance, and insurance.*

## **Eligibility for Admission in MCA is as follows:**

(a) BCA/ Bachelor's Degree in Computer Science/ Engineering/ B.Sc. (Mathematics and Computing)/ B.Sc. (Computer Science, Statistics and Mathematics)/ B.Voc. (Software Development) or equivalent degree of minimum 3 years duration of any statutory University with at least 50% marks.

**OR**

(b) B.Sc./ B.Com./ B.A. degree of minimum 3 years duration of any statutory University with at least 50% marks, with Mathematics at 10+2 level or at Graduation level. In addition, Candidates must have passed Postgraduate Diploma in Computer Applications (P.G.D.C.A) or equivalent postgraduate diploma of minimum one-year duration from a recognized University with at least 50% marks in aggregate.

**OR**

(c) B.Sc./ B.Com./ B.A. degree of minimum 3 years' duration of any statutory University with at least 50% marks in aggregate (with Mathematics at 10+2 level or at Graduation level). Such candidates will be required to qualify the additional Bridge Course.

## **SEMESTER-I**

- MCA-111 Mathematical Foundation of Computer Science
- MCA-112 Computer Organization and Architecture
- MCA-113 Data Structures
- MCA-114 Object Oriented Programming Using C++
- MCA-115 Workshop on Python Programming
- MCA-116 Programming Lab -I (Based on Paper MCA-113 and MCA-114)

## **SEMESTER-II**

- MCA-121 Database System
- MCA-122 Programming in Java
- MCA-123 Operating System
- MCA-124 Data Communication and Networking
- MCA-125 Programming Lab-II (Based on Paper MCA-121)
- MCA-126 Programming Lab-III (Based on Paper MCA-122)

# MASTER OF COMPUTER APPLICATIONS (M.C.A.)

A.I.C.T.E. approved

Duration : 4 Semesters (2 Years)

Total Seats : 60

## SEMESTER-III

MCA-231 Algorithm Analysis and Design

MCA-232 Artificial Intelligence and Machine Learning

MCA-233 Theory of Computation

MCA-234 \*Elective-I

MCA-235 \*\*Elective-II

MCA-236 Programming Lab- IV (Based on Paper MCA-234)

MCA-237 Programming Lab- V (Based on Paper MCA-235)

**\*Elective-I ( Any one of the following papers)**

MCA-234E1 Web Development using PHP

MCA-234E2 Web Development using NODE.JS

MCA-234E3 Web Development using Python

MCA-234E4 Web Development using ASP.NET

MCA-234E5 Mobile Application Development using Android

MCA-234E6 Programming in Advance Java

MCA-234E7 Mobile Application Development using iOS

MCA-236E1 Programming Lab-IV Based on MCA-234E1

MCA-236E2 Programming Lab-IV Based on MCA-234E2

MCA-236E3 Programming Lab-IV Based on MCA-234E3

MCA-236E4 Programming Lab-IV Based on MCA-234E4

MCA-236E5 Programming Lab-IV Based on MCA-234E5

MCA-236E6 Programming Lab-IV Based on MCA-234E6

MCA-236E7 Programming Lab-IV Based on MCA-234E7

**\*\*Elective-II (Any one of the following papers)**

MCA-235E1 Object Oriented Modelling and Design Using UML

MCA-235E2 Big Data Analysis using HADOOP

MCA-235E3 Data Science and Analysis

MCA-235E4 Cloud Computing

MCA-237E1 Programming Lab-V Based on MCA-235E1

MCA-237E2 Programming Lab-V Based on MCA-235E2

MCA-237E3 Programming Lab-V Based on MCA-235E3

MCA-237E4 Programming Lab-V Based on MCA-235E4

## SEMESTER-IV

MCA-241 Major Project

# MCA

## Master of Computer Applications



# M.SC. A.I. & DATA SCIENCE

Eligibility :

50% marks (in BCA or PGDCA or 3-year Bachelor's degree with one of the following elective subjects in each year : Computer Sciences / Information Technology / Computer Applications or any equivalent subject).

Duration : 4 Semesters (2 Years) Total Seats : 30

This course covers the vast areas of Research, Software Engineering, Artificial Intelligence, Data Science, Programming, Machine Learning, Business Intelligence, Data Engineering, Government Sector etc. Nationally, there is a widely recognised shortage of qualified Artificial Intelligence (AI) and data scientists to meet the needs of the industry. This course will equip the students with the skills and professional insight they need to launch a career in this fast-growing sector.

## SEMESTER-I

- MSAIDS-111 Introduction to Artificial Intelligence
- MSAIDS-112 Python Programming
- MSAIDS-113 Data Structure & Algorithms
- MSAIDS-114 Mathematical Foundation Course
- MSAIDS-115 Elective-I\*
- MSAIDS-116 Software Lab-I(based on MSAIDS-112)
- Elective-I: Students can opt any of the following papers
- MSAIDS-115 E1 Developing Soft Skills & Personality
- MSAIDS-115 E2 Customer Relationship Management
- MSAIDS-115 E3 Healthcare Data Analytics

## SEMESTER-III

- MSAIDS-211 Data Analysis Using Python
- MSAIDS-212 Soft Computing
- MSAIDS-213 Digital Image Processing
- MSAIDS-214 Computer Network Technologies
- MSAIDS-215 Software Lab-III (Based on MSAIDS-211)
- MSAIDS-216 Software Lab-IV (Based on MSAIDS-213)

## SEMESTER-II

- MSAIDS-121 Introduction to Data Science
- MSAIDS-122 Machine Learning with R
- MSAIDS-123 Probability & Statistics in Data Science
- MSAIDS-124 Elective-II\*\*
- MSAIDS-125 Workshop on Game Design and Development
- MSAIDS-126 Software Lab-II and Minor Project(based on MSAIDS-122)
- Elective-II: Students can opt any of the following papers
- MSAIDS-124 E1 Data Warehousing & Mining
- MSAIDS-124 E2 Digital Marketing
- MSAIDS-124 E3 Web Analytics

## SEMESTER-IV

- MSAIDS-221 Research Methodology
- MSAIDS-222 Natural Language Processing Using Python
- MSAIDS-223 Big Data Analytics
- MSAIDS-224 Software Lab-V (Based on MSAIDS-222)
- MSAIDS-225 Software Lab-VI (Based on MSAIDS-223)
- MSAIDS-226 Project (2 Weeks In House Industrial Training)



# M.SC. I.T. (LATERAL ENTRY)

Eligibility :

**Duration :**  
**2 Semesters (1 Years)**

**PGDCA with 50% marks**

**Total Seats : 30**

## SEMESTER-III

MS-211 Web Technology  
MS-212 Java Programming  
MS-213 Computer Networks  
MS-214 Management Information Systems  
MS-215 Programming Lab-IV (Web Technology)  
MS-216 Programming Lab-V (Java Programming)  
MS-217 CBC-III Workshop on Python Programming

## SEMESTER-IV

MS-221 Computer Graphics  
MS-222 LINUX Administration  
MS-223 Research Methodology  
MS-224 Artificial Intelligence  
MS-225 Programming Lab-VI (Computer Graphics)  
MS-226 Programming Lab-VII (LINUX Administration)  
MS-227 Minor Project (Based on Artificial Intelligence)

**NOTE :** The candidate who gets admission through lateral entry in M.Sc (IT) after passing PGDCA examination will have to clear deficient papers as per Punjabi University Norms.

# P.G.D.C.A.

Eligibility:

**Duration : 2 Semesters (1 Year)**

**Total Seats : 60**

Graduation in any stream.

## SEMESTER-I

PGDCA-101 Fundamentals of Information Technology  
PGDCA-102 Operating Systems  
PGDCA-103 Problem Solving using 'C'  
PGDCA-104 Software Lab I (Office Automation and Productivity Tools)  
PGDCA-105 Software Lab II (Based on PGDCA-103)  
PGDCA-106 CHOICE BASED COURSE-I\*(CBC)-I\*  
\*CBC-I: Students can opt any one of the following papers  
PGDCA-106 E1 Computer Oriented Statistical Methods  
PGDCA-106 E2 Quantitative Aptitude & Reasoning

## SEMESTER-II

PGDCA-201 Database Management System  
PGDCA-202 Introduction to Computer Networks and E-Commerce  
PGDCA-203 Object-oriented Programming using C++  
PGDCA-204 Software Lab III (Based on PGDCA-201)  
PGDCA-205 Software Lab IV (Based on PGDCA-203)  
PGDCA-206 CHOICE BASED COURSE-II\*(CBC)-II\*  
\*CBC-II: Students can opt any one of the following papers  
PGDCA-206 E1 Workshop on Corel Draw  
PGDCA-206 E2 Workshop on Adobe Photoshop

## Add-on Certificate Course in Web Designing

**Duration: 1 Year (2 Semesters)**

**Total Seats : 30**

**Eligibility: Student must be enrolled in the institute in any course.**

## SEMESTER-I

CC-101 Web Designing Using HTML & DHTML  
CC-102 Practical Based on CC-101

## SEMESTER-II

CC-201 Web development using PHP  
CC-202 Practical Based on CC-201

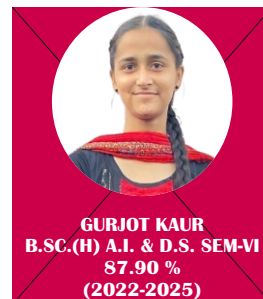
# B.SC.(HONOURS) IN A.I. & D.S.

**Duration : 8 Semesters (3+1 Years) Total Seats : 80**

Eligibility:  
10+2 with minimum 50% marks in any stream with Mathematics/Statistics as compulsory subjects.

Data is one of the most valuable commodities of 21st century. Understanding of how to analyse, validate and interpret are the key skills in every walk of life. The upcoming generation is going to be a generation of Artificial Intelligence and Data Science. This course will open up new horizons of opportunities and success in the areas of Software Engineering, Artificial Intelligence, Data Science, Programming, Business Intelligence and Data Engineering. The employability of this course spreads across public and private sectors.

## OUR TOPPER



**GURJOT KAUR**  
B.SC.(H) A.I. & D.S. SEM-VI  
87.90 %  
(2022-2025)

### SEMESTER-I

- BSCHAI-111 Problem Solving and Programming in C
- BSCHAI-112 Software Lab – I (Based on BSCHAI-111)
- BSCHAI-113 Introduction to Artificial Intelligence
- BSCHAI-114 Computer Fundamentals
- BSCHAI-115 Software Lab-II (Based on BSCHAI-114)
- BSCHAI-116 Indian Knowledge System
- BSCHAI-117 Environmental and Road Safety Awareness (SAE1.1)
- BSCHAI-118 English (Communication Skills)
- BCS-101 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

### SEMESTER-III

- BSCHAI-131 Fundamentals of DBMS
- BSCHAI-132 Software Lab-V (Based on BSCHAI-131)
- BSCHAI-133 Introduction to Data Science
- BSCHAI-134 Mathematical Foundation Course
- BSCHAI-135 Workshop on python programming
- BSCHAI-136 Yoga and Meditation
- BSCHAI-137 English (Communication Skills)
- BCS-301 A,B Punjabi Compulsory OR Punjabi Mudhla Gyan

### SEMESTER-V

- BSCHAI-151 R Programming & Machine Learning
- BSCHAI-152 Data Warehousing and Mining
- BSCHAI-153 Operating Systems
- BSCHAI-154 Computer Networks
- BSCHAI-155 Software Lab-VIII (Based on BSCHAI-151)
- BSCHAI-156 Workshop in LINUX

### SEMESTER-II

- BSCHAI-121 Object Oriented Programming Concepts using C++
- BSCHAI-122 Software Lab-III (Based on BSCHAI-121)
- BSCHAI-123 Data Structures
- BSCHAI-124 Operating Systems
- BSCHAI-125 Software Lab-IV (Based on BSCHAI-123)
- BSCHAI-126 Management Information Systems
- BSCHAI-127 Drug Abuse: Problem, Prevention & Management (SAE 1.2)
- BSCHAI-128 English (Communication Skills)
- BCS-201 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

### SEMESTER-IV

- BSCHAI-141 Data Analysis using Python
- BSCHAI-142 Software Lab-VI (Based on BSCHAI-141)
- BSCHAI-143 Software Engineering
- BSCHAI-144 Probability and Statistics in Data Science
- BSCHAI-145 Workshop on Web Technologies
- BSCHAI-146 Nutrition and Dietetics
- BSCHAI-147 English (Communication Skills)
- BCS-401 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

### SEMESTER-VI

- BSCHAI-161 Big Data Analysis and Visualization
- BSCHAI-162 Web Development using PHP
- BSCHAI-163 Cyber Security
- BSCHAI-164 Software Lab-IX (Based on BSCHAI-161)
- BSCHAI-165 Software Lab-X (Based on BSCHAI-162)
- BSCHAI-166 Minor Project (2 Weeks In House Industrial Training)

# BACHELOR OF COMPUTER APPLICATIONS

Eligibility:

**A.I.C.T.E. approved**

**Duration : 8 Semesters (3+1 Years)**

10+2 in any stream as per the norms specified by Punjabi University, Patiala.

**Total Seats : 240**

## SEMESTER-I

- BCA-111 Programming Fundamentals Using C
- BCA-112 Software Lab-I (Based on BCA-111)
- BCA-113 Fundamentals of Information Technology
- BCA-114 Web Designing Using HTML, CSS and Scripting Languages
- BCA-115 Software Lab-II (Based on BCA-114)
- BCA-116 Indian Knowledge System
- BCA-117 Environmental and Road Safety Awareness
- BCA-118 English (Communication Skills)
- BCS-101 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

## SEMESTER-II

- BCA-121 Object Oriented Programming using C++
- BCA-122 Software Lab-III (Based on BCA-121 & 124)
- BCA-123 Operating Systems
- BCA-124 Data Structures
- BCA-125 Workshop on Office Automation
- BCA-126 E-Commerce and Digital Marketing
- BCA-127 Drug Abuse: Problem, Management & Preventions
- BCA-128 English (Communication Skills)
- BCS-201 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

## SEMESTER-III

- BCA-211 Data Structure
- BCA-212 Software Lab-IV (Based on Paper BCA-211)
- BCA-213 Relational Database Management System with Oracle
- BCA-214 Basic Mathematics
- BCA-215 Software Lab-V (Based on Paper BCA-213)
- BCA-216 Yoga and Meditation
- BCA-217 English (Communication Skills)
- BCS-301 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

## SEMESTER-IV

- BCA-221 Programming using Java
- BCA-222 Software Lab-VI (Based on Paper BCA-221)
- BCA-223 Computer Networks
- BCA-224 Software Engineering
- BCA-225 Computer architecture & Digital Electronics
- BCA-226 Nutrition and Dietetics
- BCA-227 English (Communication Skills)

- BCS-401 A,B Punjabi Compulsory OR Punjabi Mudla Gyan

## SEMESTER-V

- BCA-301 Web Development using ASP.NET
- BCA-302 Computer Graphics
- BCA-303 Linux Administration
- BCA-304 DSE-I\*
- BCA-305 Software Lab-IX(Based on paper BCA-301)
- BCA-306 Software Lab-X(Based on paper BCA-302)
- BCA-307 Software Lab-XI(Based on paper BCA-303)
- DSE-I\* Students can opt any one of the following papers:

BCA-304(E1) Enterprise Resource Planning

BCA-304(E2) Management Information Systems

## SEMESTER-VI

- BCA-311 Web Development using PHP and MYSQL
- BCA-312 Artificial Intelligence
- BCA-313 DSE-II\*
- BCA-314 Software Lab-XII (Based on paper BCA-311)
- BCA-315 Software Lab-XIII (Based on paper BCA-313)
- BCA-316 Major Project
- DSE-II\* Students can opt any one of the following papers:

BCA-313(E1) Programming using Python

BCA-313(E2) Digital Image Processing

## Our Topper



**JASREEN KUMARI**  
**P.G.D.C.A SEM-II**  
**92.40 %**  
**(2024-2025)**

# B.SC. HONOURS COMPUTER SCIENCE

Eligibility:  
10+2 with Non Medical

Duration : 8 Semesters (3+1 Years)

Total Seats : 40

## SEMESTER-I

BSCHCS-112	Software Lab-I (Based on BSCHCS-111)
BSCHCS-113	Computer Fundamentals
BSCHCS-114	Basic Mathematics
BSCHCS-115	Workshop on Office Automation
BSCHCS-116	E-Commerce
BSCHCS-117	Environmental and Road Safety Awareness (SAE 1.1)
BSCHCS-118	English (Communication Skills)
BCS-101 A,B	Punjabi Compulsory OR Punjabi Mudhla Gyan

## SEMESTER-II

BSCHCS-121	Object Oriented Programming using C++
BSCHCS-122	Software Lab-III (Based on BSCHCS-121)
BSCHCS-123	Data Structures
BSCHCS-124	Discrete Mathematics
BSCHCS-125	Software Lab-IV (Based on BSCHCS -123)
BSCHCS-126	Management Information system
BSCHCS-127	Drug Abuse: Problem, Management & (SAE 1.1) Preventions
BSCHCS-128	English (Communication Skills)
BCS-201 A,B	Punjabi Compulsory OR Punjabi Mudhla Gyan



# Bachelor of Vocation (B.Voc.)

Bachelor of Vocation (B.Voc.) is a scheme for skill development launched by University Grants Commission. This degree has multiple entry and exit points. This programme is focused on providing undergraduate studies. This enables the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge. We are running successfully the following courses :

- (A) Software Development
- (B) Food Processing
- (C) Hospitality & Tourism
- (D) Retail Management
- (E) Pharmaceutical Chemistry
- (F) Sustainable Agriculture

## Eligibility :

The eligibility for B.Voc. programme is 10+2 or equivalent in any stream (Arts/Science/Commerce) with 50% at 10+2 or equivalent level.

There may be three types of learners getting admission to first semester of courses:

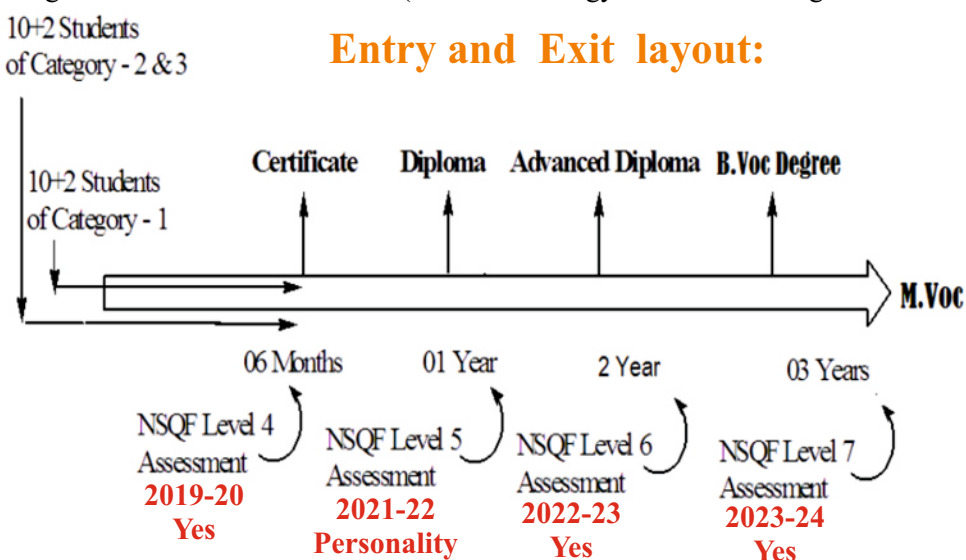
Category-1: Students already having NSQF certification Level 4 in a particular industry sector and seeking admission in the courses in same trade with job role for which he / she previously certified at school level.

Category -2 : Students who have acquired NSQF certification Level 4 but may like to change their trade and may enter in a different industry sector.

Category -3 : Students who have passed 10+2 examination with conventional schooling without any background of vocational training.

## Academic Equivalence:

- Bachelor of Vocation (B. Voc.), a Bachelor level degree specified by UGC under section 22(3) of UGC Act, 1956 and notified in official Gazette of India dated 19th January, 2013 is recognized at par with the other Bachelor level degrees for competitive exams conducted by Union/State Public Service Commission, Staff Selection Commission or other such bodies where the eligibility criteria is "Bachelor Degree in any discipline".
- Students with B.Voc. Degree are considered eligible for the trans disciplinary vertical mobility into such courses where entry qualification is a Bachelor Degree without specific requirement in a particular discipline.
- Students qualifying B.Voc. in Food Processing can take admission in M.Sc. (Food Technology/ Food Processing/Microbial Food Technology etc.)



# B.VOC. (SOFTWARE DEVELOPMENT)

**Duration : 6 Semesters (3 Year)**

**Total Seats : 50**

In today's world, computer software technology is playing a vital role in each and every field that a person can contemplate. Banking, Defence, Sports, Health, Finance, Research and various other sectors are developing and blossoming due to the incorporation of software technology in them. This dependence of various sectors on software has stressed on multitude workforce which can be amalgamated in these fields, thus providing an avenue for employment. The students who enroll in B.Voc. (Software Development) get themselves acquainted with the implications of software development and their application to various practical purposes. The course helps a student to become a software developer making him capable of getting lucrative jobs in Govt. as well as in Private sector.

## SEMESTER-I

BVSD-111	Programming using C
BVSD-112	Fundamentals of Computer & Software Development
BVSD-113	Web Designing using HTML, CSS & JavaScript
BVSD-114	Software Lab I (Based on BVSD-111)
BVSD-115	Software Lab II (Based on BVSD-113)
BVSD-116	Workshop on Document Design
BVSD-117	E-Commerce
BVSD-118	Environmental and Road Safety Awareness
BVSD-119	English (Communication Skills)
BCS-101 A,B	Punjabi Compulsory OR Punjabi Mudra Gyan*

## SEMESTER-III

BVSD-211	Programming using Java
BVSD-212	Fundamentals of DBMS
BVSD-213	Operating System
BVSD-214	Software Lab - V (Based on BVSD-211)
BVSD-215	Software Lab - VI (Based on BVSD-212)
BVSD-216	Workshop On Excel
BVSD-217	Computer Networks
BVSD-218	Management Information System
BVSD-219	Workshop On Adobe Photoshop

## SEMESTER-V

BVSD-311	Programming using Python
BVSD-312	Web Development using ASP.NET
BVSD-313	Software Engineering & Testing
BVSD-314	Presentation Skills & Personality Development
BVSD-315	Software Lab-IX (Based on BVSD-311)
BVSD-316	Software Lab-X (Based on BVSD-312)
BVSD-317	Workshop on Corel Draw
BVSD-318	Workshop (Based on BVSD-314)

## SEMESTER-II

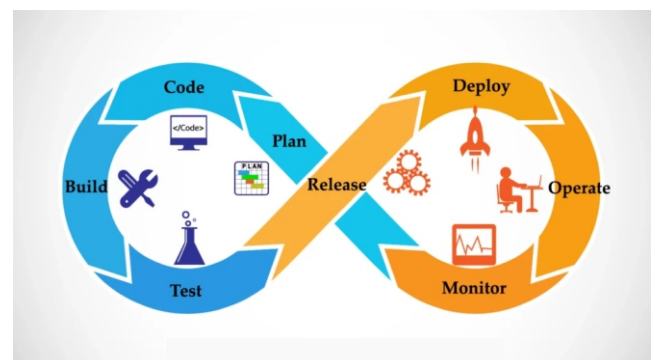
BVSD-121	Object Oriented Programming Using C++
BVSD-122	Introduction to Artificial Intelligence
BVSD-123	Data Structures
BVSD-124	Software Lab-III (Based on BVSD-121)
BVSD-125	Software Lab-IV (Based on BVSD-123)
BVSD-126	Workshop on Designing PowerPoint Presentations
BVSD-127	Discrete Mathematics
BVSD-128	Drug Abuse: Problem, Prevention & Management
BVSD-129	English (Communication Skills)
BCS-201 A,B	Punjabi Compulsory OR Punjabi Mudra Gyan*

## SEMESTER-IV

BVSD-221	Web Development using PHP And MYSQL
BVSD-222	Relational Database Management System
BVSD-223	Software Lab - VII (Based on BVSD-221)
BVSD-224	Software Lab - VIII (Based on BVSD-222)
BVSD-225	Software Lab-IX (Based on BVSD-227) (CMS)
BVSD-226	Minor Project (In house Industrial Training)
BVSD-227	Content Management System
BVSD-228	Cyber Security
BVSD-229	Presentation Skills and Personality Development

## SEMESTER-VI

B.VSD-321	MAJOR PROJECT
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# B.VOC. (FOOD PROCESSING)

Duration : 6 Semesters (3Years)

Total Seats : 50

Food Processing is a challenging sector but it has a bright future. Despite the fact that food processing industry in India is at a developing stage, it offers exponential career opportunities to trained professionals in food processing. There is a plethora of different professions food processing graduates can enter into with aptitude to work and requisite skills. One can find employment in food research laboratories, catering companies, marketing teaching, quality management, nutrition, sales, research etc. Higher education and special qualification help in getting attractive positions in the food processing sector.

## SEMESTER-I

BSP10 A/10B Punjabi Compulsory or Mudhla Gyan  
B.VFP-112 English (communication skills)  
B.VFP-113 Fundamentals of Food Processing  
B.VFP-114 Introductory Food Microbiology  
B.VFP-115 Dairy Technology  
B.VFP-116 Practical Paper I (Fundamentals of Food Processing)  
B.VFP-117 Practical Paper II (Introductory Food Microbiology)  
B.VFP-118 Practical Paper III (Dairy Technology)  
SAE 1.1 Drug Abuse : Problem, management and prevention  
B.VFP-119 Industrial Visit Report  
QP- FIC/ Q2002 Dairy Processing Equipment Operator Level (SPECIFIC 4/or any other qualification pack of level 4 JOB ROLE)

## SEMESTER-II

BSP 201A/BSP201B Punjabi compulsory or Mudla Gyan  
B.VFP-212 English (communication skills)  
B.VFP-213 Food Chemistry and Nutrition  
B.VFP-214 Fruits and Vegetable Processing  
B.VFP-215 Cereal and Pulses Technology  
B.VFP-216 Practical Paper V (Food Chemistry and Nutrition)  
B.VFP-217 Practical Paper VI (Fruits and Vegetable Processing)  
B.VFP-218 Practical Paper VII (Cereal and Pulses Technology)  
SAE- 1.2 Drug Abuse: Problem, Management and Prevention (Qualifying paper)  
B.VFP-219 Industrial Visit Report  
QP-FIC/Q7001 Supervisor Fruits & Vegetable Processing Level-5 (Specific or any other qualifications pack of level-5 Job Role)

## SEMESTER-III

B.VFP-311 Introduction to Computers  
B.VFP-312 Documentation and Statistics in Food Processing  
B.VFP-313 Food Packaging Technology  
B.VFP-314 Introduction to Grain Milling and Machineries  
B.VFP-315 Bakery and Snacks Products  
B.VFP-316 Practical paper VIII pertaining to B.VFP-311 (Introduction to Computers)  
B.VFP-317 Practical paper IX pertaining to B.VFP-313 (Food Packaging Technology)  
B.VFP-318 Practical Paper X pertaining to B.VFP-314 (Introduction to grain milling and machineries)  
B.VFP-319 Practical Paper XI pertaining to B.VFP-315 (Bakery and Snacks Products)  
B.VFP-320 Industrial Visit Report

QP-FIC/Q1001 (Specific Job Role) Chief Miller Level-6 /or any other qualification pack of Level-6 (Level 6 is of two semesters therefore evaluation shall be done after IV semester)

## SEMESTER-IV

B.VFP-411 Presentation Skills and Personality Development  
B.VFP-412 Food Plant Design and Management  
B.VFP-413 Food Spoilage and Control  
B.VFP-414 Quality Control and Regulations  
B.VFP-415 Egg, Fish And Poultry Processing  
B.VFP-416 Practical Paper XII pertaining to B.VFP-412 (Food Plant Design and Management)  
B.VFP-417 Practical Paper XIII pertaining to B.VFP-413 (Food Spoilage and Control)  
B.VFP-418 Practical Paper XIV pertaining to B.VFP-414 (Quality Control and Regulations)  
B.VFP-419 Practical Paper XV pertaining to B.VFP-415 (Egg, Fish and Poultry Processing)  
B.VFP-420 Industrial Visit Report  
QP-FIC/Q1001 (Specific Job Role) Chief Miller/Food Microbiologist / Quality Assurance Manager/Level-6/or any other qualification pack of level 6

## SEMESTER-V

B.VFP-511 Holistic Development : Physical Training  
B.VFP-512 Marketing and Retail Management  
B.VFP-513 Sugar and Confectionery Technology  
B.VFP-514 Food Industry Waste Management  
B.VFP-515 Entrepreneurship Development in Food Processing  
B.VFP-516 Practical paper XVI pertaining to B.VFP-511 (Holistic Development : Physical Training)  
B.VFP-517 Practical Paper XVII pertaining to B.VFP-513 (Sugar and Confectionery Technology)  
B.VFP-518 Practical Paper XVIII pertaining to B.VFP-514 (Food Industry Waste Management)  
B.VFP-519 Practical Paper XIX pertaining to B.VFP-515 (Entrepreneurship Development in Food Processing)  
B.VFP-520 Industrial Visit  
QP-7 (Specific Job Role) QP Production Manager/or any QP of Level 7 (Level 7 is of two semester therefore evaluation shall be done after VI semester)

## SEMESTER-VI

B.VFP-611 Industrial Training Report  
QP-7 (Specific Job Role) QP Production Manager/or any QP of Level 7

# B.VOC. (HOSPITALITY & TOURISM MANAGEMENT)

**Duration : 6 Semesters (3 Years)**

**Total Seats : 50**

This course has been introduced to strengthen the foundation of those students who want a professional degree to make a decent career in the Hospitality & Tourism sector. The Travel and Tourism industry is relatively new but is growing rapidly and is expected to do well in the coming years. There are many related concerns and industries that are direct contributors to the tourism industry and in the long run create greater job opportunities to those who would want to be a part of the industry. Hotels, restaurants, retailing, transportation, travel agencies, tour companies, tourist attractions, leisure, recreation and sport, and cultural industries are some of the contributors to the industry.

## SEMESTER-I

BVHT 101	Front Office Operations I
BVHT 102	Housekeeping Operations I
BVHT 103	Front Office Operations I Lab
BVHT 104	Housekeeping Operations I Lab
BVHT 105	Food and Beverage Operations I Lab
BVHT 106	Introduction to Tourism, Aviation and Hospitality Industry
BVHT 107	English (Communication Skills)
PBVOC-101A/B	Punjabi Compulsory/ Mudla Gyan
BC- 101	Environmental and Road Safety Awareness
EMS-01	Entrepreneurship Mind Set

## SEMESTER-II

BVHT 201	Front Office Operations II
BVHT 202	Housekeeping Operations II
BVHT 203	Front Office Operations II Lab
BVHT 204	Housekeeping Operations II Lab
BVHT 205	Food and Beverage Operations II Lab
BVHT 206	Geography and Tourism
BVHT 207	English (Communication Skills)
PBVOC-201 A/B	Punjabi Compulsory/ Mudla Gyan
CAE 1.2	Drug Abuse: Problems Management and Prevention
EMS-02	Entrepreneurship Mind Set

## SEMESTER-III

BVHT-301	Front Office Operations III
BVHT-302	Housekeeping Operations III
BVHT-303	Seminar on Hotel and Resort Management
BVHT-304	Workshop on Customer Relationship Management
BVHT-305	Tour Guidance and Interpretation Lab
BVHT-306	Health, Hygiene and Medical Protocols Lab
BVHT-307	Tour Guidance and Interpretation
BVHT-308	Management Principles and Practices
BVHT-309	Human Resources Management

## SEMESTER-IV

BVHT-401	Front Office Operations IV
BVHT-402	Housekeeping Operations IV
BVHT-403	Seminar on Indian Society and Culture
BVHT-404	Workshop on Guest Handling and Team Management
BVHT-405	Practices of Tourism- Case studies Lab
BVHT-406	Destination visit and Report
BVHT-407	Tourism Management
BVHT-408	Personality Development
BVHT-409	Tourism and Hospitality Marketing

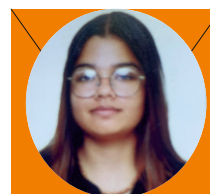
## SEMESTER-V

BVHT-501	Front Office Operations-V
BVHT-502	Housekeeping Operations-V
BVHT-503	Seminar on Organizational Behavior in Hospitality Industry
BVHT-504	Workshop on Hotel Accounting System
BVHT-505	Front Office Management Lab
BVHT-506	Event Operations Lab
BVHT-507	Travel Agency and Tour Operation Management
BVHT-508	Advertising and Personal Selling
BVHT-509	Ethical, Legal and Regulatory Framework of Tourism

## \*SEMESTER-VI

BVHT-601	Industrial Training Report
BVHT-602	Presentation on Training Report
BVHT-603	VIVA-VOCE (On Training Report)

### OUR TOPPER



**SALONI**  
B.VOC. (H & T MGMT.)  
CGPA 8.42  
2022-25

# B.VOC. (RETAIL MANAGEMENT)

**Duration : 6 Semesters (3 Years)**

**Total Seats : 50**

B.Voc. Retail Management has been launched under the scheme of UGC as a skill development programme of higher education. It is a job-oriented vocational training programme that enables the students to build a decent career in retail management sector. The purpose this course is to widen the scope of career making options for the students after +2.

## SEMESTER-I

BVRM 101	Introduction To Retail Management
BVRM 102	Management Principles and Practices
BVRM 103	Basics of Retail Management Lab
BVRM 104	Marketing and Branding Lab
BVRM 105	Visual Merchandising Lab
BVRM 106	Fundamental of Computer Applications
BVRM 107	English (Communication Skills)
PBVOC-101A/B	Punjabi Compulsory / Mudla Gyan
BC- 101	Environmental and Road Safety Awareness
EMS-01	Entrepreneurship Mindset

## SEMESTER-II

BVRM-201	Store Display and Visual Merchandising
BVRM-202	Organization and Team Dynamics
BVRM-203	Retail Aesthetics and Layout- Lab
BVRM-204	Retail Shoppers Behaviour - Lab
BVRM-205	Store Cleanliness and Hygiene Lab
BVRM-206	E-Commerce
BVRM-207	English (Communication Skills)
PBVOC-201A/B	Punjabi Compulsory / Mudla Gyan
CAE 1.2	Drug Abuse: Problems Management and Prevention
EMS- 02	Entrepreneurship Mindset

## SEMESTER-III

BVRM-301	Retail Stores & Operation Management
BVRM-302	Health & Safety Management Issues in Retail
BVRM- 303	Workshop on Marketing Management
BVRM- 304	Seminar on Personal Selling Skills
BVRM- 305	Retail Store Operations Lab
BVRM-306	Retail Workplace Safety & Well Being Lab

BVRM-307	E-Retailing
BVRM-308	Advertising & Sales Management
BVRM-309	Digital marketing

## SEMESTER-IV

BVRM-401	Supply Chain Management
BVRM-402	Project Management
BVRM-403	Workshop on Developing a Franchise System
BVRM- 404	Seminar on Entrepreneurship Skills
BVRM-405	Supply Chain Management Lab
BVRM-406	Mall Management and Operations Lab
BVRM-407	Financial Management
BVRM-408	Personality Development
BVRM-409	Leadership & Team Management

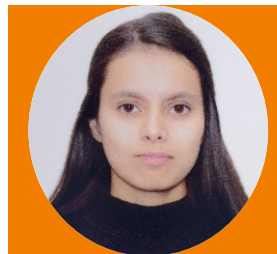
## SEMESTER-V

BVRM-501	Marketing Management
BVRM-502	Retail Planning and Legal Framework
BVRM-503	Workshop on Visual Merchandising & Customer Satisfaction
BVRM-504	Seminar on Retail Store Team Management
BVRM-505	Marketing Analysis and Research Lab
BVRM-506	Digital Marketing Lab
BVRM-507	Business Ethics and CSR
BVRM-508	Total Quality Management
BVRM-509	Business Research Methodology

## SEMESTER-VI

BVRM 601	Industrial Training Report
BVRM 602	Presentation on Training Report
BVRM 603	VIVA-VOCE (On Training Report)

### OUR TOPPER



**SAMRIDHI SHARMA**  
B.VOC. (R.M.)  
CGPA 8.42  
2022-25

# B.VOC. (PHARMACEUTICAL CHEMISTRY) Eligibility :

Duration : 6 Semesters (3 Years)

Total Seats : 50

10+2 in Science Stream

The tremendous growth of Pharma sector in our nearby Himachal belt has created a huge demand of skilled chemists in the area. To fulfill this requirement our institute has taken the initiative (first of its kind in North India) to start a skill- based Bachelor of Vocation course in Pharmaceutical Chemistry, which has the accreditation of Life Science Sector Skill Development Council (NSDC), GOI, New Delhi. The primary objective of the programme is to generate market-oriented, well- skilled and industry-ready students by exposing them to various techniques used in the different sectors such as Pharma, Food and Biotech Industries etc. We ensure the production of professional Lab Technicians and Quality Control Chemists as an output of our vocational course.

## SEMESTER-I

B.VPC-111	Lab Management-I
B.VPC-112	General Chemistry
B.VPC-113	Introduction to Computers
B.VPC-114	Lab Management Practical-I
B.VPC-115	General Chemistry Practical
B.VPC-116	Introduction to Computer Practical
B.VPC-117	Industrial/Research Lab.Visit and Report
B.VPC-118	Workshop and Report
B.VPC-119A/B	Punjabi Compulsory or Mudla Gyan
B.VPC-120	English (Communication Skills)
SAE.1.1	Drug Abuse : Problem, Management and Prevention

## SEMESTER-II

B.VPC-211	General Microbiology
B.VPC-212	Lab Management-II
B.VPC-213	Analytical Chemistry
B.VPC-214	General Microbiology Practical
B.VPC-215	Practical Paper Pertaining to B.VPC-212 & 213
B.VPC-216	Industrial/Research Lab.Visit and Report
B.VPC-217A/B	Punjabi Compulsory or Mudla Gyan
B.VPC-218	English (Communication Skills)
B.VPC-220	Environmental and Road Safety Awareness (SAE.1.2)

## SEMESTER-III

B.VPC-311	Organic Chemistry
B.VPC-312	Analytical Techniques-I
B.VPC-313	Analytical Techniques-II
B.VPC-314	Organic Chemistry Practical
B.VPC-315	Calibration and Applications of Analytical Instruments-I
B.VPC-316	Calibration and Applications of Analytical Instruments-II
B.VPC-317	Industrial/Research Lab. Visit & Report
B.VPC-318	Seminar
B.VPC-319 A/B	Punjabi or Mudla Gyan
B.VPC-320	English (Communication Skills)

## SEMESTER-IV

B.VPC-411	Pharmaceutical Microbiology
B.VPC-412	Analytical Techniques-III
B.VPC-413	Basic Chromatographic Techniques
B.VPC-414	Quality Control / Assurance
B.VPC-415	Pharmaceutical Microbiology Practical
B.VPC-416	Calibration and Applications of Analytical Instruments-III
B.VPC-417	Basic Chromatographic Techniques Practical
B.VPC-418	Seminar
B.VPC-419	Industrial / Research Lab. Visit & Report
B.VPC-420	Workshop & Report
B.VPC-421	Project / Industrial Training

## SEMESTER-V

B.VPC-511	Pharmaceutical and Environmental Analysis
B.VPC-512	Biochemistry
B.VPC-513	Advanced Chromatographic Techniques
B.VPC-514	Pharmaceutical and Environmental Analysis Practical
B.VPC-515	Biochemistry Practicals
B.VPC-516	Advanced Chromatographic Techniques Practical
B.VPC-517	Instrumental Analysis Practical
B.VPC-518	Seminar
B.VPC-519	Industrial Research Laboratory Visit & Report
B.VPC-520	Workshop and Report

## SEMESTER-VI

B.VPC-611	Full Semester Training, Report and Presentation
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# B.VOC. (MEDICAL LAB TECHNOLOGY)

Eligibility :

10+2 in Science  
Stream

Duration : 6 Semesters (3 Years)

Total Seats : 50

## SEMESTER-I

BML 101	Human Anatomy – I
BML 102	Human Physiology – I
BML 103	Biochemistry – I
BML 104	Principles of Lab management and Medical Ethics
BML 105	Punjabi Compulsory/ Mudla Gyan
BML 106	English Communication Skills
SAE 1.1	Drug Abuse: Problem, management and prevention
BML 107	Practical Human Anatomy - I
BML 108	Practical Human Physiology – I
BML 109	Practical Biochemistry – I
IDC	Choice based inter disciplinary course I

## SEMESTER-II

BML 301	Pathology – I
BML 302	Clinical Haematology - I
BML 303	Microbiology – I
BML 304	Immunology & Serology – I
BML 305	Histopathology & Histotechniques-I
BML 306	Practical Pathology – I & Clinical Haematology – I
BML 307	Practical Microbiology – I and Immunology & Serology - I
BML 308	Practical Histopathology & Histotechniques – I

## SEMESTER-III

BML 501	Clinical Endocrinology & Toxicology
BML 502	Clinical Enzymology & Automation
BML 503	Parasitology & Virology
BML 504	Diagnostic Cytology
BML 505	Diagnostic Molecular Biology
BML 506	Practical Clinical Endocrinology & Toxicology and Clinical Enzymology & Automation
BML 507	Practical Parasitology & Virology and Diagnostic Cytology
BML 508	Practical Diagnostic Molecular Biology

## SEMESTER-IV

BML 601	Advance Diagnostic Techniques
BML 602	Immuno-hematology & Blood Banking
BML 603	Practical Advanced Diagnostic Techniques
BML 604	Internship / Project

## SEMESTER-I

BML 201	Human Anatomy – II
BML 202	Human Physiology – II
BML 203	Biochemistry – II
BML 204	Biomedical Waste Management
BML 205	Punjabi Compulsory/ Mudla Gyan
BML 206	English Communication Skills
SAE 1.2	Environmental and Road safety Awareness
BML 207	Practical Human Anatomy – II
BML 208	Practical Human Physiology – II
BML 209	Practical Biochemistry – II

## SEMESTER-II

BML 401	Pathology – II
BML 402	Clinical Haematology – II
BML 403	Microbiology – II
BML 404	Immunology & Serology – II
BML 405	Histopathology & Histotechniques – II
BML 406	Practical Pathology – II & Clinical Haematology – II
BML 407	Practical Microbiology – II and Immunology & Serology - II
BML 408	Practical Histopathology & Histotechniques – II



# M.A. ENGLISH

Eligibility :

Duration : 4 Semesters (2 Years)

Total Seats : 30

Graduation in any Stream

## SEMESTER-I

- MAE 001 Introduction to Poetry : Medieval and Renaissance Poetry
- MAE 002 Classical and Elizabethan Drama
- MAE 003 Beginnings of the Novel
- MAE 004 **One of the following options :**  
(A) English Phonetics and Phonology (B) William Shakespearean : From Stage to Screen
- MAE 005 Seminar

## SEMESTER-II

- MAE 006 Literary Criticism
- MAE 007 Poetry from Neo-classical to Victorian Age
- MAE 008 Nineteenth Century Fiction
- MAE 009 **One of the following options :**  
(A) Modern Drama, (B) South Asian Literature  
(C) Modern English Grammar and Usage
- MAE 010 Research Project

## SEMESTER-III

- MAE 011 Literature and Modernity
- MAE 012 Twentieth Century Poetry and Fiction
- MAE 013 Literature and Postcoloniality
- MAE 014 **One of the following options:**  
(A) Literature and Gender, (B) Creative Writing  
(C) Modern Indian Literature in Translation
- MAE 015 Seminar

## SEMESTER-IV

- MAE 016 Literary and Cultural Theory
- MAE 017 European Drama
- MAE 018 American Literature
- MAE 019 **One of the following options:**  
(A) Literature and Politics, (B) Literary Non-fiction  
(C) Indian Writing in English (D) Dissertation

M.A. in English involves moving a step further into the realm of higher learning to enable the students to be considered as true professionals. Skills such as critical and creative thinking, project management, time management, communication, independent thinking as well as problem solving are best acquired and instilled when undertaking a master's degree in English. Education sector is major recruiter of M.A. graduates in Literature. Another option available to them is a career in journalism. Jobs are also available in various government agencies as Decoders, Interpreters and as Translators. They are also recruited as campaign managers and speech writers which require sophisticated writing skills in the government departments.

**Note : Availability of 'option' is subject to the number of students (more than 10).**



# B.A. HONOURS SCHOOL IN ENGLISH

Eligibility :

Duration : 8 Semesters (3+1 Years)

Total Seats : 30

Above 50% in 10+2  
in any stream.

Honours degree in English literature holds a distinct reputation of creating a wide range of opportunities for students once they successfully complete the course. This degree enables the students to go for English related jobs in various sectors such as Information Technology, Educational Institutions, Freelancing and Commercial Undertakings. Graduates can also find jobs in financial and legal firms. Various professions like publishing companies, advertising, marketing, public relation agencies, content writing, BPO's and multimedia organisations also recruit English Honours graduates with preference.

## SEMESTER-I

BHE 101	History of English Literature Part-I
BHE 102	British Poetry and Drama: 14th to 17th Century
BHE 103	Introduction to the Study of Prose
BHE 104	Personality Development-I
BHE 105	Composition and Grammar
BHE 106	Communication Skills-I
BHE 107	Environment and Road Safety
BHE 108	Punjabi -I

## SEMESTER-II

BHE 201	History of English Literature Part-II
BHE 202	British Literature: 18th and 19th Century
BHE 203	Introduction to the Study of Fiction
BHE 204	Personality Development-II
BHE 205	Composition and Vocabulary
BHE 206	Communication skills-II
BHE 207	Drug Abuse: Problem, Management & Prevention
BHE 208	Punjabi-II

## SEMESTER-III

BHE 301	British Romantic Literature
BHE 302	Women's Writing
BHE 303	An Introduction to the Study of Drama
BHE 305	Prose and Grammar
BHE 306	Professional Communication
BHE 307	VAC
BHE 308	Punjabi
BHE 20B	MG

## SEMESTER-IV

BHE 401	British Literature: The Early 20th Century
BHE 402	Indian Classical Literature
BHE 403	An Introduction to the Study of Poetry
BHE 404	Six One Act Plays
BHE 405	Writing and Grammar
BHE 406	VAC
BHE 204A	Punjabi
BHE 20B	MG

## SEMESTER-V

BHE 501	Modern European Drama
BHE 502	Post-Colonial Literature
BHE 503	Literary Criticism
BHE 504	Phonetics of English
BHE 505	Psychology

## SEMESTER-VI

BHE 601	European Classical Literature
BHE 602	Popular Literature
BHE 603	Literary Theory
BHE 604	Partition and Holocaust Literature

# CERTIFICATE COURSE IN SPOKEN ENGLISH

Eligibility :

Duration : 1 Year

10+2 in any stream.

**Curriculum : Syllabus as prescribed by Pbi. Uni., Patiala**

This course helps the students to enhance their communication skills in spoken English.

# ਐਮ.ਏ. (ਪੰਜਾਬੀ)

ਸਮਾਂ : 4 ਸਮੈਸਟਰ (2 ਸਾਲ)

ਕੁੱਲ ਸੀਟਾਂ : 30

ਪਾਤਰਤਾ :  
ਕਿਸੇ ਵੀ ਗ੍ਰੈਜੂਏਸ਼ਨ ਦੀ ਡਿਗਰੀ  
ਵਿੱਚੋਂ 50% ਅੰਕ ਹੋਣੇ ਲਾਜ਼ਮੀ ਹਨ।

## ਸਮੈਸਟਰ ਪਹਿਲਾ :

- PUN-101: ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (ਆਦਿ ਕਾਲ ਤੋਂ ਮੱਧਕਾਲ)  
PUN-102: ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-III: (PUN-103A): ਪੰਜਾਬੀ ਨਾਟਕ (i)  
(PUN-103B): ਨਾਟਕਕਾਰ ਬਲਵੰਤ ਗਾਰਗੀ ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ(ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-IV: (PUN-104A): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ (i)  
(PUN-104B): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਬਿਰਤਾਂਤਕ ਕਾਵਿ (ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-V: (PUN-105A): ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਗਲਪ (i)  
(PUN-105B): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ (ii)

## ਸਮੈਸਟਰ ਦੂਜਾ :

- (PUN-201): ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(ਆਧੁਨਿਕ ਕਾਲ)  
(PUN-202): ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-III: (PUN-203A): ਪੰਜਾਬੀ ਨਾਟਕ (i)  
(PUN-203B): ਨਾਟਕਕਾਰ ਅਜਮੇਰ ਸਿੰਘ ਔਲਖ ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ(ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-IV: (PUN-204A): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ (i)  
(PUN-204B): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਬਿਰਤਾਂਤਕ ਕਾਵਿ(ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-V: (PUN-205A): ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਗਲਪ (i)  
(PUN-205B): ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ (ii)

## ਸਮੈਸਟਰ ਤੀਜਾ:

- (PUN-301): ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ  
(PUN-302): ਸੱਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-III:  
(PUN-303): ਗੁਰਮਤਿ ਕਾਵਿ (i)  
(PUN-303A): ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ (ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-IV  
(PUN-304): ਪੰਜਾਬੀ ਵਾਰਤਕ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-V  
(PUN-305): ਸੁਫੀ ਤੇ ਬੀਰ ਕਾਵਿ

## ਸਮੈਸਟਰ ਚੌਥਾ:

- (PUN-401): ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ  
(PUN-402): ਲੋਕਧਾਰਾ ਅਤੇ ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-III:  
(PUN-403A): ਗੁਰਮਤਿ ਕਾਵਿ (i)  
(PUN-403B): ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ (ii)  
ਇਲੈਕਟਿਵ ਕੋਰਸ-IV  
(PUN-404): ਪੰਜਾਬੀ ਵਾਰਤਕ  
ਇਲੈਕਟਿਵ ਕੋਰਸ-V  
(PUN-405): ਕਿੱਸਾ-ਕਾਵਿ

# M.A. (HISTORY)

Duration : 4 Semesters (2 Years)

Total Seats : 30

Eligibility :  
Graduation with 50% marks  
(45% for SC/ST students)  
in any stream.

## SEMESTER-I

- His-101 Compulsory: History of the Punjab (1469-1675 AD)  
His-102 History of the World-I (1500-1815 AD)  
His-103 History of the World-II (1815-1871 AD)

### El-Paper-I

- His-104(a) Opt.(1)History of China and Japan (1830-1911)  
His-104(b) Opt.(2)History: Its Theory and Research  
Methodology

## SEMESTER-II

- His-201 Compulsory: History of the Punjab (1675-1799 AD)  
His-202 History of the World-I (1871-1919 AD)  
His-203 History of the Contemporary World-II(1919-1991 AD)

### El-Paper-I

- His-204(a) Opt(1)History of China and Japan (1911-1949)  
His-204(b) Opt(2)History: Its Theory and Research  
Methodology

## SEMESTER-III

- His-301 Compulsory: History of Punjab(1799-1849 AD)

- His-302 History of India (1707 - 1772 AD)  
His-303 History of India (1818-1947 AD)  
His-304 National Movement in India & Constitutional Development (1858-1930)

## SEMESTER-IV

- His-401 History of Punjab (1849-1947 AD)  
His-402 History of India (1772-1818 AD)  
His-403 Social and Economic History of Modern India (1818-1947)  
His-404 National Movement in India & Constitutional Development(1930-1947)

## Our Pride



HARVINDER SINGH  
M.A HISTORY 1ST SEM  
SELECTED IN INDIAN ARMY

# M.A. (POLITICAL SCIENCE)

**Duration : 4 Semesters (2 Years)**

**Total Seats : 30**

**Eligibility :  
Graduation with 50%  
marks**

MA in Political Science provides an opportunity to further development your analytical, research and critical thinking skills. The advantages of MA Political Science are:

- After completing this programme you will find yourself better equipped to take competitive exams for joining civil services.
- It provides you with an advantage that can make you stand out from the crowd.
- MA can be a route to starting a career in government, law, business, public administration, research, political campaigning, working in non-profit sector and working for international organizations.
- MA can help you to start your teaching career at school or college level.
- It can be a stepping stone for pursuing Political Science at Ph.D. level.

## SEMESTER-I

MAPOLSCI-101	Indian Political Thought - I
MAPOLSCI-102	Western Political Thought
MAPOLSCI-103	Indian Government and Politics
MAPOLSCI-104	Elective Paper: (Any one of the following)
MAPOLSCI-104(i)	International Politics
MAPOLSCI-104(ii)	International Law
MAPOLSCI-104(iii)	Sikh Political Thought (1469AD-1708AD)
MAPOLSCI-105	Seminar / Project Work Inter-disciplinary Course

## SEMESTER-III

MAPOLSCI-301:	Contemporary Political Thought
MAPOLSCI-302:	Modern Political Analysis
MAPOLSCI-303:	Punjab Politics
MAPOLSCI-304:	Elective Papers (Any one of the following)
MAPOLSCI-304(I) :	Foreign Policy of India
MAPOLSCI-304(II):	Theory & Practice of Public Administration
MAPOLSCI-304(III):	Theory and Practice of Diplomacy
MAPOLSCI-305:	Seminar / Project Work

## SEMESTER-II

MAPOLSCI-201	Indian Political Thought - II
MAPOLSCI-202	Contemporary Issues in International Relations
MAPOLSCI-203	Liberal Political Theory
MAPOLSCI-204	Elective Paper : (any one of the following)
MAPOLSCI-204(i)	Political Process in India
MAPOLSCI-204(ii)	International Organisation
MAPOLSCI-204(iii)	Political Sociology
MAPOLSCI-205	Seminar / Project Work Inter-disciplinary Course

## SEMESTER-IV

MAPOLSCI-401:	Political Theory
MAPOLSCI-402:	Comparative Politics
MAPOLSCI-403:	Political Ideologies
MAPOLSCI-404:	Elective Papers (Any one of the following)
MAPOLSCI-404(I):	State Politics in India
MAPOLSCI-404(II):	Research Methodology
MAPOLSCI-404(III):	South Asia & World Politics
MAPOLSCI-405	Seminar / Project Work Inter-disciplinary Course

**Note :** Availability of 'option' is subject to the number of students (more than 10).

# M.A. (ECONOMICS)

**Duration : 4 Semesters (2 Years)**

**Total Seats : 30**

**Eligibility :**  
B.A. / B.Com./  
B.Sc.(Agriculture)  
with 50% marks

The purpose of starting M.A. Economics is to enable the students to develop their acumen in economics rationally and logically so that they are able to use various economic concepts to the best of their ability. The programme of the study as given in the curriculum provides basic knowledge of various economic concepts, models, theories and their practical applications. The main emphasis of the department is to nurture graduates and post graduates as per the market demand. This programme also helps the students to face challenges while applying and appearing for interview for different job openings.

## SEMESTER-I

### Core Papers

- ECO-101 Micro Economic Analysis-I  
ECO-102 Macro Economic Analysis-I  
ECO-103 Basic Quantitative Methods-I  
**Elective Papers: Any two papers, selecting one paper from each group:**

### Group-A

- ECO-104(i) Economics of Growth and Development-I  
ECO-104(ii) Economics of Demography-I  
ECO-104(iii) Economics of Gender and Development-I

### Group-B

- ECO-105(i) Economics of Agriculture-I  
ECO-105(ii) Economics of Industry-I  
ECO-105(iii) Economics of Labour-I  
ECO-105(iv) History of Economic Thoughts-I

## SEMESTER-II

### Core Papers

- ECO-201 Micro Economic Analysis-II  
ECO-202 Macro Economic Analysis-II  
ECO-203 Basic Quantitative Methods-II  
**Elective Papers: Any two papers, selecting one paper from each group:**

### Group-A

- ECO-204-1(i) Economics of Growth and Development-II  
ECO-204-1(ii) Economics of Demography- II  
ECO-204-1(iii) Economics of Gender and Development-II

### Group-B

- ECO-205-1(i) Economics of Agriculture-II  
ECO-205-1(ii) Economics of Industry-II  
ECO-205-1(iii) Economics of Labour-II  
ECO-205-1(iv) History of Economic Thought-II

## SEMESTER-III

### Core Papers

- ECO-301 Political Economy of Development-I  
ECO-302 Evolution and Structure of Indian Economy-I  
ECO-303 Public Economics-I  
**Elective Papers: Any two papers, selecting one paper from each group:**

### Group-A

- ECO-304(i) International Economics-I  
ECO-304(ii) Computer Applications for Economists -I  
ECO-304(iii) Regional Economics and Punjab Economy-I

### Group-B

- ECO-305(i) Money and Banking-I  
ECO-305(ii) Theory of Statistics-I  
ECO-305(iii) Mathematical Economics-I  
ECO-305(iv) Econometrics-I

### Core Papers

- ECO-401 Political Economy of Development-II  
ECO-402 Evolution and Structure of Indian Economy-II  
ECO-403 Public Economics-II

**Elective Papers: Any two papers, selecting one paper from each group:**

### Group-A

- ECO-404-1(i) International Economics-II  
ECO-404-1(ii) Computer Applications for Economists -II  
ECO-404-1(iii) Regional Economics and Punjab Economy-II

### Group-B

- ECO-405-1(i) Money and Banking-II  
ECO-405-1(ii) Theory of Statistics-II  
ECO-405-1(iii) Mathematical Economics-II  
ECO-405-1(iv) Econometrics-II



# M.A. (MUSIC VOCAL)

Duration : 4 Semesters (2 Years)

Total Seats : 30

Eligibility :  
B.A. with Music Vocal as  
Elective Subject.

The experience of learning is unique for the students as they pursue their academics on one hand and learn Classical Vocal Music & Gurmat Sangeet on the other hand. The students can be benefitted from both the experiences; studying in a regular college and learning music through the traditional way of learning i.e. "Guru-Shishya Parampara". A state-of-the-art music studio has been established in the department of Gurmat Sangeet and Music Vocal to promote the rich culture and mark the diversity of genres of music.

## SEMESTER-I

- MAMUS -101 Scientific and Acoustic Study of Hindustani Music
- MAMUS -102 History of Indian Music
- MAMUS -103 Stage Performance
- MAMUS -104 Viva-Voce

## SEMESTER-II

- MAMUS -201 Scientific And Acoustic Study Of Hindustani Music
- MAMUS -202 History Of Indian Music
- MAMUS -203 Stage Performance
- MAMUS -204 Viva-Voce

## SEMESTER-III

- MAMUS -301 Aesthetical Study of Hindustani Music
- MAMUS -302 Raag & Taal, Their Physics and Aesthetics
- MAMUS -303 Stage Performance
- MAMUS -304 Viva-Voce

## SEMESTER-IV

- MAMUS -401 Research Methodologies & Aesthetical Study of Hindustani Music
- MAMUS -402 Raag & Taal, Their Physics and Aesthetics
- MAMUS -403 Stage Performance
- MAMUS -404 Viva-Voce

## INDIAN GROUP SONG Gold Medal & FOLK ORCHESTRA Silver Medal



# NEW COURSES FROM ACADEMIC SESSION 2026-27

## B.SC. FASHION DESIGNING

**Duration : 8 Semesters (3+1 Years) Total Seats : 30**

**Eligibility: 10+2 with minimum aggregate of 50 %.**

B.Sc. Fashion Designing programme offers a dynamic and professionally oriented learning environment that blends creativity with technical expertise, preparing students for the evolving fashion industry. The curriculum integrates key areas such as fashion illustration, garment construction, pattern making, textile studies, CAD and entrepreneurship, while balancing traditional craftsmanship with contemporary trends. The programme aims to develop creative, skilled and industry-ready professionals equipped for careers in fashion, entrepreneurship and higher education.

### This course helps students :

- Develop creative design skills and strong aesthetic understanding in fashion.
- Acquire technical expertise in garment construction, textiles, and CAD.
- Gain professional and entrepreneurial skills for careers in the fashion industry.

### Job Opportunities:

- Fashion Designer, Textile Designer, Illustrator, Merchandiser, Boutique Owner / Entrepreneur, Costume Designer, Fashion Consultant and so on.



## B.SC. (HONS.) APPLIED SCIENCE WITH MACHINE LEARNING

**Duration : 8 Semesters (3+1 Years) Total Seats : 30**

**Eligibility: 10+2 with minimum aggregate of 50 %.**

B.Sc. (Hons) Applied Science with Machine Learning is an interdisciplinary program that integrates applied science with machine learning to prepare students for careers in AI, data science, and advanced technologies.

### This course helps students :

- Develop a strong foundation in science and analytical thinking
- Gain strong foundation in programming, data analysis and machine learning
- Learn to solve real-world problems using scientific and computational methods
- Prepare for careers in AI, data science, and research
- Build a pathway for higher studies and continuous learning in emerging technologies

### Job Opportunities:

Machine Learning Engineer, Data Scientist, Data Analyst. Research Associate, Defence Research, Higher Studies & Research.



# INSTRUCTIONS FOR ADMISSION

- Admission to all the courses in the college is given strictly on the basis of merit and as per the rules / instructions of Punjabi University, Patiala / Punjab Govt. / College Management / UGC, New Delhi.
- Reservation of seats will be as per the Reservation Policy of Punjab Government.**
- Principal has the right to cancel/refuse admission to any student without giving any reason.
- Each candidate must submit the completed admission form online on the college website (www.sgtbcollege.org.in). The form will be considered complete only after the payment of college fees/dues.**
- The following students will be required to submit their original **Migration Certificate in the college office:**
  - Those, who have passed their 10+2 from HP Board of School Education / Haryana Board of School Education or any other Board, except Punjab School Education Board.
  - The students who have not done their graduation/last degree from Punjabi University, Patiala.  
However, Migration Certificate can be submitted within one month of admission.
- The Reservation of seats will be as per the rules of Punjabi University, Patiala/Government of Punjab /UGC.
- Candidates belonging to the following category shall be allowed relaxation of 5% in the aggregate percentage:
  - Scheduled Castes and Scheduled Tribes
  - Physically Handicapped, provided that they produce a medical certificate that they have at least 40% physical disability.
- Admission obtained on the basis of wrong information or fake documents or any concealment of facts can lead to cancellation of admission from the college and the deposited fees etc. will be forfeited.
- The candidate who has been placed under re-appear/compartament in one subject only with at least 20% marks (Theory and Practical taken together) in the +2 examination conducted by Punjab School Education Board or any other Board/Institution recognized by the State / Central Board of Education in India shall be eligible to seek admission to the 1st semester of all courses. The admission will be subject to the availability of the seats in the concerned course in the College.
- The candidate who appeared under semester system for undergraduate courses should be allowed to take admission under semester system in M.A./M.Sc./M.Com./PGDCA if he/she has two re-appears in 1st to VIth semesters, provided he/she must have passed the subject in under-graduate course in which he/she seeks admission in post-graduate course. The admission will be subject to the availability of the seats in the concerned course in the College.
- The students, who have been placed under re-appear/compartament in +2, provisional admission shall be given in the 1st year of the course. However, the student must clear his/her re-appear exam before the declaration of the result of 1st year of the course. If he/she could not submit the relevant papers/documents on or before the date of declaration of result then his/her admission will be automatically cancelled
- Admission to III semester of undergraduate and postgraduate courses will be given to those students who have cleared 50% of the papers of I and II semesters of their course taken together. Similarly, admission to V and VII semesters will be given to those students who have cleared 50% of the total papers of their previous IV and previous VI semesters respectively.
- As per Punjab Government rule, a student can opt for 'Mudla Gyan' in lieu of Punjabi compulsory subject to the fulfilment of the following conditions;
  - Those students who have passed the Matriculation/10+2 Examination from outside the state of Punjab and have not opted Punjabi as a subject.
  - Wards of Defence Personnel/Para Military Personnel.
  - Children of NRI and foreign students.
- After admission, a student will be allowed to change subject/faculty within 15 days from the date of commencement of classes on a prescribed proforma depending upon the availability of seat.
- Regular attendance shall be compulsory during the first week of the session. Absentees will lose their seats and the Fee & Funds paid by them shall be forfeited. Such vacant seats shall be offered to the next candidate in the order of merit.**
- Application for refunding security will have to be submitted before 31st December of the year in which a student passes out from the college. After the said date his/her security will be considered as a donation from Old Students Association.**
- Fee will be refunded as per the UGC Notification.  
Following are the Rules of Fee Refund:

%age of Re-fund of Fees*	Point of time when notice of withdrawal of admission is received in the HEI
100%	15 days or more before the formally notified last date of admission.
90%	Less then 15 days or less before the formally notified last date of admission.
80%	15 days or less after the formally notified last date of admission.
50%	30 days or less, but more than 15 days after the formally notified last date of admission.
00%	More than 30 days after formally notified last date of admission.

**Placement Opportunities**  
Students are eligible for Campus Placement drives if they have :

- at least 75% attendance in classes
- passed all subjects of previous semesters

# EXAMINATION RULES

- (i) All the examinations of the Degree Courses and Post-graduate Degree courses will be conducted in semester pattern. For evaluation purpose, Internal Assessment and End Semester exams will be the criteria.
- (ii) A student will be allowed to appear in the End Semester Examination only in those subjects which he/she has mentioned in Examination Form.
- (iii) Where a subject comprises of two or more theory and practical papers in undergraduate and postgraduate course and a candidate fails in their aggregate but taking each paper separately obtains the minimum pass marks in one or more of the main examination, he/she shall be required to reappear only in those theory and practical paper(s) in which he/she has failed to obtain the minimum pass marks.
- (iv) The Supplementary examination will be held along with the routine odd/even Semesters examination. The supplementary paper would be from current syllabi prescribed for that semester in which the candidate is appearing. The student can appear only in the theory/practical paper on the payment of the required fee. The candidate will have two consecutive attempts to clear the Supplementary Examination. In case of reappear in theory, marks of practical & internal assessment will be carried forward as original. In case of reappear in practical, marks of theory & internal assessment will be carried forward as original.
- (v) The Principal can provide Golden Chance (with special chance fee) to students who have been unable to clear their exams even after two attempts of reappear examination
- (vi) The Arts and Humanities stream students can opt at the maximum two practical subjects from various choices given to them.
- (vii) All the students are required to take Class Tests, Mid-Semester Tests and submit assignments as per the requirements of their syllabi and rules of the college. Any student who is absent from such tests will be fined Rs.100/- per paper/assignment. Students who do not appear in Mid-Semester examination may be given a chance to appear in special test after depositing Rs 500/- as special Test Fee. No other chance will be given after the Special Test. Roll numbers will not be issued to the defaulters.
- (viii) A candidate is required to secure at least specified marks i.e. 35% in all UG and PG courses, and 40% in B.Sc./B.A. (Honours) in external examination (Theory and Practical/ Project work) and internal assessment separately for each paper in order to pass the examination.

## UNFAIR MEANS / MISCONDUCT / MALPRACTICES:

- a) Bringing in or being in impersonation or possession of any document, paper, book photocopy, or any other material including electronic devices such as cell phones, digital diary, programmable calculator, pen scanner, Bluetooth equipment etc. other than those permitted by the College, in the examination hall, or at any time during

the examination.

- b) The presence of special marks or any other attempt to disclose identity in any way or writing on the question paper; or any other paper found in the possession of the candidate.
- c) If a candidate leaves the examination hall without delivering the answer book to supervisor concerned or takes it away with him or intentionally tears it off or disposes of his/her answer book or any part thereof inside or outside the examination hall, he/she shall be disqualified in appearing in any College examination. In addition, the case will be reported to the police.
- d) Using abusive or obscene language or behaving in a disorderly or unruly manner or using physical violence, in or around the examination hall.
- e) Using any means to communicate or attempting to influence the examiners, or officers of the examination, directly or indirectly with requests, threat, appeal or undue influence upon them for favour in the examination.
- f) Creating disturbance in the examination hall or in its vicinity.
- g) In case of carrying a fire-arm to the examination hall, a criminal case will be registered against that person.
- h) Any staff related to examination process if found involved in any examination discrepancies shall be taken seriously and appropriate action will be taken after appropriate inquiry.

## IMPROVEMENT EXAMINATIONS:

- (i) A student who has been declared 'pass' in the undergraduate course he/she may apply for improvement examination within two years from the declaration of the result of the final semester and he/she can take full papers of course for improvement.
- (ii) A student shall have to appear only once in odd (1st, 3rd and 5th) semester together and once in even (2nd, 4th and 6th) semester examination of the papers chosen for improvement from current syllabus along with other regular students.
- (iii) If a student fails to improve upon the original marks obtained in the paper chosen for improvement, his/her original marks shall be retained and he/she shall not get a second chance for improvement.
- (iv) Improvement examination in practical/internal paper shall not be allowed.
- (v) A student taking improvement examination shall have to pay a fee decided by the College.

## RULES FOR RE-EVALUATION OF ANSWER-BOOK(S):

If any examinee/student is not satisfied with the marks obtained in any theory paper, he/she may apply for re-evaluation of his/her answer-books within fifteen days from the date of uploading of the result on College website by depositing non-refundable fee as prescribed by the College from time to time. This re-evaluation facility shall be permitted only for theory papers of all the examinations conducted by the College for the respective current semester only. No re-evaluation shall be permissible in case of practical, viva voce examination, field work, dissertation, seminars and sessional /periodical tests etc.

# CODE OF CONDUCT

1. Drinking, smoking and use of drugs are strictly prohibited in the college campus.
2. Any student who is found absent from the class without prior permission will be imposed a fine of Rs. 10/-per period and Rs. 50/- for the whole day. **Names of the students who continuously remain absent for three days or remain irregular for five days without prior permission will be struck off from the college rolls.**
3. Students are not allowed to use mobile phones in the classrooms, labs, library and college corridors. Any kind of misuse of mobile phones during college time will incur a fine of Rs. 250/-.
4. The principal will have the right to cancel admission of any student on disciplinary grounds. A student will be punished, suspended or rusticated from the college, if he/she directly or indirectly takes part or induces others to do so in any movement or agitation in the college for any reason, whatsoever, which in the opinion of the Principal is subversive of the college discipline.
5. The following acts are liable to invoke disciplinary measures:
  - a) Lack of courtesy and decorum, indecent behaviour and dress anywhere within the campus.
  - b) Wilful damage or defacement of College property.
  - c) Mutilation or unauthorized possession of library books.
  - d) Hacking in computer systems (such as entering into other person's areas without prior permission, manipulation and/or damage of computer hardware and software or any other cyber-crime etc.)
  - e) Prohibited websites are not allowed to open on any mobile and computer with Wi-Fi network of the College.
  - f) Misuse of cell phones in the campus.
  - g) Any other act of gross indiscipline as decided by the Academic Council from time to time.
  - h) Use of Cell phones in class rooms and corridors.
6. Sharing of incorrect/objectionable information about the College and College management on social media is liable to invoke disciplinary and legal action.
7. Students are not allowed to bring outsiders to the college, except their parents and authorised guardians.
8. Mentoring system has been introduced in the College for developing close contact amongst the students and teachers for timely guidance and advice in academic and other matters.
9. Grievance and Redressal Committee constituted by the Principal shall deal with all grievances pertaining to the academic / administrative /disciplinary matters. All the grievances/complaints/suggestions addressed to the Principal can be put in the suggestion boxes provided in the campus. The student can also approach Dean Students and register her/his complaint or grievance.
10. Sexual Harassment Committee constituted by the Principal shall deal with all grievances related to sexual harassment in the College campus. The action would be taken according to POSCO Act, 2012.
11. PTA meetings are held twice a year: **In the first week of the September and the last week of April.** Parents/Gaurdians are advised to attend Parents-Teacher meetings regularly to get the information of attendance and performance of their wards.
12. **Ragging in any form, in the campus or college hostel, is strictly prohibited. It is cognizable offence as per the directions of the Hon'ble Supreme Court. Students will have to follow the instructions of the U.G.C. as conveyed vide Letter No. F.1-21/2009 (Anti-Ragging) dated March, 2012. Detailed instructions are available on [www.ugc.ac.in](http://www.ugc.ac.in).**
15. Self-attested affidavits regarding anti-ragging will be submitted by the students and their parents (on prescribed proforma) at the time of admission.
16. Students are advised to regularly check **College website-[www.sgtbcollege.ac.in](http://www.sgtbcollege.ac.in) and Punjabi University website -[www.punjabiuniversity.ac.in](http://www.punjabiuniversity.ac.in)** - to apprise themselves of any change in syllabi, examination date sheets etc.

## LEAVE RULES

1. Students must apply for leave on prescribed proforma before they actually remain absent from the College.
2. For seeking leave on medical grounds where it is not possible to obtain leave in advance, an application for grant of leave should be sent by post /e-mail or submitted immediately after returning to the College. No Whatsapp and text messages will be considered.
3. Long absence from the classes due to illness should be supported by medical certificate from a qualified Doctor (at least MBBS).
4. Continuous absence without an application for leave will be considered as serious breach of College discipline.

**NOTE: ONLY THOSE STUDENTS WILL BE ENTITLED TO JOIN COLLEGE TOURS AND EXCURSIONS WHO FULFIL THE CONDITION OF 75% ATTENDANCE.**

# Rules/Procedures for Freeship and Concession of Fee

Freeship and Concession of fee will be given to students belonging to the following categories:

S.No.	Categories	Freeship/Concession of Fee
1.	Students with above 90% Marks in Qualifying Exam	Rs 2000/- and 3 Books
2.	Orphan Students	Rs 5000/- per session
3.	Fatherless Students	Rs 2500/- per session

## LIBRARY RULES

1. A student cannot enter the college and library without the identity card.
2. Every student of all UG professional courses can get four books and others can get three books issued at a time for 15 days and students of PG courses can get six books issued at a time for 15 days.
3. Students will have to pay a fine of Rs. 2/- per day per book if not returned within 15 days.
4. Magazines/Reference books/Dictionaries/Encyclopedias cannot be issued and can be used only in the library.
5. Librarian has the right to demand the books back in case of urgency.
6. Spoiled or lost books have to be replaced.
7. The internet in the library is to be used only for searching study material. Misuse of internet is strictly prohibited.
8. One book will be renewed once only.
9. A book available in single copy or a costly book will not be issued to the students.
10. Book-Bank facility is available for the needy and meritorious students of the college.
11. Students are required to return all the library books at the end of the academic session before obtaining the 'No Dues' certificate from the college office.

## WOMEN'S CELL

We believe in inculcating the questioning of conventional and conservative opinions that are insensitive and restricting to both men and women. We have a well placed Women's Forum to address critical and challenging issues, especially concerning girl students.

## DRESS CODE

1. Students are required to come to the college in proper formal dress.
2. For Sikh students, the wearing of turban is compulsory. Wearing of patkas in the college is considered an act of indiscipline.
3. Wearing of caps and goggles is not permitted.
4. During winter, students of professional courses will wear blazers provided by the college on the stated days:

### For all classes - Monday and Thursday

- Other than these days, blazers will be compulsory for all organised activities, industrial visits, seminars, presentations, guest lectures, viva voce/practical examinations, college functions and any other occasion prescribed by the college authorities.
5. Lab coats are compulsory for the students of chemistry, agriculture and medical stream.

## BOOK BANK

The college library provides Book Bank facility under which books are issued to the students for longer duration.



# DEANS & ADMINISTRATIVE PERSONNEL

## ADMINISTRATIVE PERSONNEL

1. Vice Principal	-	Dr. Manjeet Singh	-	99140-19385
2. Registrar	-	Dr. Ravinder Singh Rekhi-		94633-66136
3. Dean Academics	-	Dr. Surender Kumar	-	81465-97406
4. Dean Research & Innovation	-	Dr. Vimal Mehta	-	98554-60699
5. Dean Sciences	-	Dr. Mandeep Kaur	-	88727-40400
6. Dean Cultural Affairs	-	Dr. Jagpinder Pal Singh -		81465-90396
7. Dean Student Welfare	-	Dr. Parampreet Singh-		98884-94330
8. Dean Placement	-	Dr. Manjeet Singh	-	99140-19385
9. Dean Computer Science	-	Mrs. Tajinder Kaur	-	85859-06005
10. Bursar	-	Dr. Ravinder Singh Rekhi-		94633-66136
11. Controller Examinations	-	Dr. Paramjit Kaur	-	81465-26775
12. Convener Guru Gobind Singh Study Circle	-	Dr. Paramjit Kaur	-	81465-26775
13. Convener IQAC	-	Dr. Sangeet Kumar	-	84278-22077
14. Chief Mentor	-	Dr. Paramjit Kaur	-	81465-26775

### CLUBS & SOCIETIES

The college has set up various clubs and societies with an explicit purpose of multidimensional personality development of the students. These are supposed to work round the year and organise different activities in order to provide a platform to the student to showcase their talents.

### NCC Officer / Incharge

Lieutenant Sandeep Kumar 9888216026

### NSS Officers / Incharges

Dr. Jagpinder Pal Singh 81465-90396  
Dr. Amandeep Kaur 99153-80006  
Dr. Virpal Singh 94631-13301

### Club/Society

- Agriculture & Environment Society	-	Dr. Amandeep Kaur
- Blood Donors' Association	-	Dr. Virpal Singh
- Botanical Society	-	Dr. Shravan Kumar
- Commerce and Management Forum	-	Dr. Manjeet Singh
- Computer Society	-	Dr. Surender Kumar
- English Literary Society	-	Dr. Gurpreet Kaur
- Folk Dance Club	-	Mr. Ravinder Singh
- Gurmat Vichar Manch	-	Dr. Paramjit Kaur
- Hindi Sahit Sabha	-	Ms. Shaganpreet Kaur
- History Association	-	Dr. Ravinder Singh Rekhi
- Music Society	-	Dr. Jagpinder Pal Singh
- Punjabi Sahit Sabha	-	Dr. Gurpreet Kaur
- Red Cross Society	-	Mr. Sukhwinder Singh
- Science Club	-	Dr. Vimal Mehta
- Sports Club	-	Dr. Ravinder Singh Rekhi
- Fine Arts	-	Dr. Prabhjot Kaur

# Faculty

## P.G. Department of English

1. Dr. Gurpreet Kaur M.A., Ph.D.
2. Ms. Parvinder Kaur M.A., UGC-NET
3. Mr. Dilsher Bir Singh M.A., UGC-NET
4. Dr. Baljeet Singh M.A. M.Phil., Ph.D.
5. Dr. Gurpreet Kaur Rekhi M.A., Ph.D.
6. *To be appointed*

## P.G. Department of Punjabi

1. Dr. Amandeep Kaur Heera M.A., Ph.D.
2. Dr. Gurpreet Kaur M.A., Ph.D.
3. Mr. Ravinder Singh M.A., M.Phil., UGC-NET
4. Mr. Sukhwinder Singh M.A., M.Phil., UGC-NET
5. Dr. Manpreet Kaur M.A., M.Phil., Ph.D.
6. Ms. Harpreet Kaur M.A., M.Phil., UGC-NET
6. *To be appointed*

## P.G. Department of Hindi

1. *To be appointed*

## P.G. Department of History

1. Dr. Ravinder Singh Rekhi M.A., Ph.D.
2. Dr. Ravinder Singh M.A., Ph.D.
3. *To be appointed*

## P.G. Department of Political Science

1. Dr. Sunita Rani M.A., M.Phil., Ph.D.
2. Dr. Virpal Singh M.A., M.Phil., UGC-NET, Ph.D.

## Department of Journalism & Mass Comm.

1. *To be appointed*

## Department of Economics

1. Dr. Shaveta Kaushal M.A., M.Phil., Ph.D.

## Department of Physical Education

1. Mr. Ashok Kumar M.A., B.P.Ed., M.P.Ed., UGC-NET
2. *To be appointed*

## Department of Religious Studies

1. Dr. Paramjeet Kaur M.A., M.Phil., Ph.D.

## Department of Music (Vocal)

1. *To be appointed*

## Department of Defence Studies

1. Mr. Sandeep Kumar M.A., UGC-NET

## Department of Gurmat Sangeet

1. Dr. Jagpinder Pal Singh M.A., UGC-NET, Ph.D.

## Department of Fine Arts

1. Dr. Prabhjot Kaur M.A., UGC-NET, Ph.D.

## Department of Geography

1. *To be appointed*

## P.G. Department of Chemistry

1. Dr. Mandeep Kaur M.Sc., CSIR-NET, Ph.D.
2. Dr. Gagandeep Kaur M.Sc., Ph.D.
3. Dr. Avtar Singh M.Sc., CSIR-NET, GATE, Ph.D.
4. Dr. Amandeep Saroa M.Sc., CSIR-NET, Ph.D.
5. Ms. Sharanjeet Kaur M.Sc., UGC-NET
6. *To be appointed*

## Principal Dr. Jasvir Singh M.A., M.Phil., Ph.D.

## P.G. Department of Physics

1. Dr. Vimal Mehta M.Sc., M.Phil., CSIR-NET, Ph.D.
2. Dr. Deep Shikha M.Sc., M.Phil., CSIR-NET, Ph.D.
3. Dr. Devinder Singh M.Sc., Ph.D.
4. Dr. Amrit Singh M.Sc., Ph.D.
5. *To be appointed*
6. *To be appointed*

## P.G. Department of Mathematics

1. Ms. Bharti Kapoor M.Sc., CSIR-NET
2. Dr. Sangeet Kumar M.Sc., CSIR-NET, Ph.D.
3. Dr. Darpan Sood M.Sc., M.Phil., CSIR-NET, Ph.D.
4. Dr. Mandeep Kaur M.Sc., M.Phil., CSIR-NET, Ph.D.
5. Ms. Jaspreet Kaur M.Sc., CSIR-NET, UGC-NET
6. *To be appointed*

## P.G. Department of Botany

1. Dr. Rajbir Kaur M.Sc., CSIR-NET, Ph.D.
2. Dr. Manpreet Kaur M.Sc., Ph.D.
3. *To be appointed*

## P.G. Department of Zoology

1. Dr. Amandeep Kaur M.Sc., Ph.D.

## P.G. Department of Commerce & Management

1. Dr. Manjeet Singh M.Com., M.Phil., Ph.D.
2. Mr. Prabhjit Singh M.Com., M.Phil.
3. Dr. Baljit Singh M.Com., M.Phil., Ph.D.
4. Dr. Navjeet Kaur M.Com., UGC-NET, Ph.D.
5. Dr. Manpreet Kaur M.Com., UGC-NET, Ph.D.
6. Ms. Poonam M.Com., UGC-NET
7. Dr. Parampreet Singh M.Com., Ph.D.
8. Dr. Hardeep Kaur M.Com., UGC-NET, Ph.D.
9. Dr. Tejinder Kaur M.Com., UGC-NET, Ph.D.
10. Mrs. Navjot Kaur M.Com., UGC-NET
11. Dr. Kamaljeet Singh M.Sc. HMCTT., Master in Tourism Mgmt., Ph.D.

## P.G. Department of Computer Science

1. Dr. Surender Kumar M.Tech., M.Phil., Ph.D.
2. Ms. Tajinder Kaur M.Tech., UGC-NET
3. Ms. Paramjeet Kaur M.Tech., UGC-NET
4. Ms. Amandeep Kaur M.C.A., M.Phil., UGC-NET
5. Mr. Sukhdev Singh M.C.A.
6. Dr. Kamaldeep Kaur M.C.A., Ph.D.
7. Dr. Harpreet Kaur M.C.A., Ph.D.
8. Dr. Amanpreet Kaur M.C.A., Ph.D.
9. Ms. Ramandeep Kaur M.Tech., UGC-NET
10. *To be appointed*

## Department of Agriculture

1. Ms. Bhawna Thakur M.Sc., ICAR-NET
2. Mr. Kamal Kumar M.Sc., ICAR-NET
3. Dr. Shравan Kumar M.Sc., Ph.D.
4. *To be appointed*

## Department of Food Processing

1. *To be appointed*

## Office Staff

1. S. Prem Singh Superintendent
2. S. Jagjit Singh Superintendent Accounts
3. S. Mandeep Singh Junior Assistant
4. Mrs. Daljeet Kaur Junior Assistant
5. Mrs. Simranjeet Kaur Accounts Clerk
6. S. Pardeep Singh Data Entry Operator
7. Sh. Naveen Kumar Accounts Clerk
8. S. Ravinder Pal Singh Clerk
9. S. Charanjit Singh Helper
10. Mrs. Daljeet Kaur Store/Record Keeper
11. Mrs. Monika Verma Sevdar
12. S. Davinder Singh Sevdar
13. Smt. Veena Devi Sevdar
14. S. Amandeep Singh Sevdar
15. Mrs. Sandeep Kaur Sevdar

## Laboratory Staff

1. S. Tejinder Singh SLA
2. S. Devinder Singh JLA
3. S. Sohan Singh Computer Lab Assistant
4. S. Gurdeep Singh LA
5. S. Jang Bahadur Singh LA
6. S. Harjinder Singh LA
7. Sh. Rakesh Kumar LA
8. Sh. Sachin Kumar LA
9. S. Surinder Singh LA
10. S. Mandeep Singh LA
11. S. Mangal Singh LA
12. S. Gurjit Singh LA
13. S. Dharminder Singh LA

## Sports Staff

1. S. Gurdev Singh Kabaddi Coach

## Library Staff

1. Mrs. Mandeep Kaur Librarian
2. S. Parmjit Singh Assistant Librarian
3. S. Lakhvir Singh Assistant Librarian
4. S. Sohan Singh Library Restorer
5. S. Parminder Singh Library Assistant
6. Mrs. Gurpreet Kaur Sevdar

## Sevdar/Mali & Others

1. S. Sukhdev Singh Mali
2. S. Gurmit Singh Sweeper
3. Smt. Surinder Kaur Sweeper
4. Smt. Naresh Kumari Sweeper
5. Mrs. Usha Devi Sweeper
6. Mrs. Daljeet Kaur Store Keeper
7. S. Gurmeet Singh Sweeper
8. S. Jaswant Singh Watchman
9. S. Darshan Singh Watchman
10. S. Gurnam Singh Gateman
11. S. Hardev Singh Security Guard
12. S. Tarsem Singh Electrician
13. S. Gurcharan Singh Groundman
14. S. Ram Singh Sevdar
15. Sh. Jai Ram Beldar

## Drivers

1. S. Balwinder Singh Driver
2. S. Major Singh Driver
3. S. Jaswinder Singh Driver
4. S. Yadwinder Singh Driver
5. S. Shiv Singh Driver



# FEE STRUCTURE

Sri Guru Teg Bahadur Khalsa College, {An Autonomous College} Sri Anandpur Sahib.

Sr No	Course	GROUP	Copy	Semester Ist (NEW STUDENT)		Semester IInd		Sem. IIIrd		Sem. IVth		Sem. Vth		Sem. VIth		Sem. VIIth		Sem. VIIIth		TOTAL	
				Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.	Ist Inst.	IInd Inst.		
1	B.Sc. Honours Agriculture	SCIENCE	*****	26000	12000	12000	5000	26000	12000	12000	5000	26000	12000	12000	5000	26000	12000	12000	5000	220000	
2	B.Sc. Honours In Chemistry		*****	17000	7500	7500	3000	17000	7500	7500	3000	17000	7500	7500	3000	*****	*****	*****	*****	*****	105000
3	B.Sc. Honours In Physics		*****	17000	7500	7500	3000	17000	7500	7500	3000	17000	7500	7500	3000	*****	*****	*****	*****	*****	105000
4	B.Sc. Honours In Math		*****	16500	7500	7500	3000	16500	7500	7500	3000	16500	7500	7500	3000	*****	*****	*****	*****	*****	103500
5	B.Voc. Food.Processing		*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000
6	B.Voc. (Pharmaceutical Chemistry)		*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000
7	M.Sc. Chemistry		*****	28000	12000	12000	5000	28000	12000	12000	5000	*****	*****	*****	*****	*****	*****	*****	*****	*****	114000
8	M.Sc. Physics		*****	25000	12000	12000	5000	25000	12000	12000	5000	*****	*****	*****	*****	*****	*****	*****	*****	*****	108000
9	M.Sc. Math		*****	20000	8500	8500	3900	20000	8500	8500	3900	*****	*****	*****	*****	*****	*****	*****	*****	*****	81800
10	M.Sc. Botany		*****	25000	11000	11000	5000	25000	11000	11000	5000	*****	*****	*****	*****	*****	*****	*****	*****	*****	104000
11	M.Sc. Zoology		*****	25000	11000	11000	5000	25000	11000	11000	5000	*****	*****	*****	*****	*****	*****	*****	*****	*****	104000
12	B.Voc. (Medical Lab Technology)		*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000
13	B.Com. Honours	*****	18500	8000	8000	3700	18500	8000	8000	3700	18500	8000	8000	3700	*****	*****	*****	*****	*****	114600	
14	B.B.A.	*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000	
15	M.Com	*****	18500	8000	8000	3000	18500	8000	8000	3000	*****	*****	*****	*****	*****	*****	*****	*****	*****	75000	
16	B.Voc. Retail Management	*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000	
17	B.Voc. Hospitality & Tourism	*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000	
18	BCA	*****	19500	8500	8500	4000	19500	8500	8500	4000	19500	8500	8500	4000	*****	*****	*****	*****	*****	121500	
19	M.SC. (IT) Lateral Entry	*****	*****	*****	*****	*****	25000	10500	10500	5000	*****	*****	*****	*****	*****	*****	*****	*****	*****	51000	
20	M.Sc. (Artificial Intelligence & Data Science)	*****	21500	9500	9500	4000	21500	9500	9500	4000	*****	*****	*****	*****	*****	*****	*****	*****	*****	89000	
21	M.C.A	*****	34500	14500	14500	6500	34500	14500	14500	6500	*****	*****	*****	*****	*****	*****	*****	*****	*****	140000	
22	PGDCA	*****	15000	6500	6500	3000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	31000	
23	B.Voc. Software Development	*****	18500	8000	8000	3500	18500	8000	8000	3500	18500	8000	8000	3500	*****	*****	*****	*****	*****	114000	
24	B.Sc.Hons. Artificial Intelligence & Data Science	*****	18000	8000	8000	3000	18000	8000	8000	3000	18000	8000	8000	3000	*****	*****	*****	*****	*****	111000	
25	B.A. Hons.In English	ARTS	*****	14000	6000	6000	2500	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	85500
26	M.A. Punjabi		*****	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	57000
27	M.A. English		*****	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	57000
28	M.A. History		*****	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	57000
29	M.A. Political Science		*****	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	57000
30	M.A. Economics		*****	14000	6000	6000	2500	14000	6000	6000	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	57000
31	M.A. (Music Vocal )		*****	14500	6100	6100	2500	14500	6100	6100	2500	*****	*****	*****	*****	*****	*****	*****	*****	*****	58400
32	B.Sc. Fashion Designing		NEW	*****	24500	10500	10500	4500	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	50000
33	B.Sc Honours (Computer Science)		NEW	*****	17000	7500	7500	3000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	35000
34	B.Sc. Hons. Applied Science (Machine Learning)		NEW	*****	17000	7500	7500	3000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	35000

Sr No	Course/ Year/Semester	Ist Year				IInd Year				IIIrd Year				TOTAL
		Semester Ist		Semester II nd		Semester III rd		Semester IV th		Semester V th		Semester VI th		
		Ist Inst.	IInd Inst.	IIIrd Inst.	IVth Inst.	Ist Inst.	IInd Inst.	IIIrd Inst.	IVth Inst.	Ist Inst.	IInd Inst.	IIIrd Inst.	IVth Inst.	
35	B.Sc.Medical	15000	6500	6500	3000	15000	6500	6500	3000	15000	6500	6500	3000	93000
36	B.Sc.Non-Medical	15000	6500	6500	3000	15000	6500	6500	3000	15000	6500	6500	3000	93000
37	B.A.-	13000	5500	5500	2500	13000	5500	5500	2500	13000	5500	5500	2500	79500

## IMPORTANT

Hostel and Bus fee will be charged extra.

- As per National Education Policy 2020 (NEP), all UG Programmes are of Four-Year duration.
- Students should note that all the courses outlined for each Semester are subject to the approval of the Board of Studies.
- Any course both at UG & PG level can be discontinued in case the number of admissions is below the required limit.

Fee/Funds can be revised as per the instructions of Punjabi Uni., Patiala/Punjab Govt./College Management.

Separate Prospectus is available online for admission to B.A. and B.Sc.(Medical & Non Medical) classes





## From Campus to Career - Placement Success List

Following students have been short-listed through Mega Campus Placement drive organized by Directorate of Education, SGPC.

Sr.	Name of student	Class	Company placed in
1	Koshal Choudhary	M.Com Sem IV	Axis
2	Jaspreet Singh	M.Com Sem IV	Axis
3	Navjot Kaur	B.Voc Retail Mgt	Sanjhi Sikhya
4	Sahilpreet singh	B.Com Hon Sem VI	Bajaj Life, IBS
5	Radhika	B.Com Gen Sem VI	Ques Corp
6	Kritika	B.Com Gen Sem VI	Ques Corp
7	Gurleen Kaur	B.Com Gen Sem VI	Ques Corp
8	Sukhwinder Singh	B.Com Gen Sem VI	Kochar
9	Avneet Kooner	MA Economics Sem IV	Nimbus, Koocher, PSPCL
10	Anuradha Rani	M.A. Economics Sem IV	Kochar, Shri Ram Finance, PSPCL
11	Kumari Sital	MA Economics Sem IV	Nimbus, PSPCL
12	Jasdeep Kaur	B.Com (G)	ICICI Bank
13	Ruksana Khan	B.C.A. Sem VI	Axis, Fuenix
14	Gurjot Singh	B.C.A. Sem VI	Insonix Think Next
15	Krish	B.C.A. Sem VI	Fuenix
16	Anshika Rana	B.C.A. Sem VI	Fuenix
17	Prankush Sharma	B.C.A. Sem VI	Think Next
18	Muskan	B.C.A. Sem VI	Fuenix
19	Simranpreet Kaur	B.C.A. Sem VI	Fuenix
20	Ranjit Singh	B.C.A. Sem VI	Fuenix, PSPCL
21	Karanveer Singh	B.C.A. Sem VI	Fuenix
22	Simranjeet Singh	BSc Hon Agri Sem VIII	Ques Corp
23	Varinderpal Singh	BSc Hon Agri Sem VIII	Ques Corp
24	Ramandeep Singh	BSc Hon Agri Sem VIII	Ques Corp
25	Ashima	B.A Sem VI	PSPCL
26	Sarabjeet Kaur	B.A. Sem VI	IMVT
27	Baby	B.A. Sem VI	Myntra Voice
28	Anamika	B.A Sem VI	Myntra Voice
29	Lovepreet Kaur	B.A. Sem VI	IMVT
30	Sukhpreet Singh	B.Sc(Hons.) AI&DS Sem VI	Myntra
31	Karan	B.Sc(Hons.) AI&DS Sem VI	PSPCL
32	Karanpreet Singh	B.Sc.(Hons) Chemistry Sem VI	Traya
33	Vijay Lakshmi	B.Sc.(Hons) Chemistry Sem VI	PSPCL
34	Simran Choudhary	B.Sc.(Hons) Chemistry Sem VI	PSPCL
35	Jasvir Kaur	B.Sc.(Hons) Chemistry Sem VI	Myntra
36	Pallavi Devi	B.Sc.(Hons) Chemistry Sem VI	PSPCL
37	Simranjeet Singh	B.Sc.(Hons) Chemistry Sem VI	PSPCL
38	Tejinder Singh	B.Sc.(Hons) Chemistry Sem VI	Myntra Voice

## Various Scholarship Schemes

### CENTRAL SECTOR SCHEMES

- 1) Post Matric Scholarship for students With disabilities
- 2) Scholarship for Top Class Education for Students with disabilities
- 3) Central Sector Scheme of Scholarships for College and University students
- 4) Prime Minister's Scholarship Scheme for Central Armed Police forces and Assam Rifles
- 5) Prime Minister's Scholarship Scheme for Wards of States/UTs Police Personnel Martyred during Terror/Naxal Attacks
- 6) Prime Minister's Scholarship Scheme for Ministry of Railways
- 7) PM USP Special Scholarship Scheme for Jammu Kashmir And Ladakh
- 8) Ishan Uday Special Scholarship Scheme for NER
- 9) National Scholarship for Post Graduate Studies
- 10) Central Sector Scholarship of Top Class Education for SC students
- 11) Financial Assistance for Education to the Wards of Beedi /Cine / Iomc / Lsdm- Post Matric
- 12) Pm Yasasvi Central Sector Scheme of Top Class Education In Schools for Obc, Ebc And Dnt Students
- 13) PM Yasasvi Central Sector Scheme of Top Class Education in College for OBC, EBC and DNT students
- 14) Scholarship for Top Class Education for students

### CENTRALLY SPONSORED SCHEMES

- 1) PM Yasasvi Post Matric Scholarship for OBC, EBC and DNT students - Himachal Pradesh
- 2) Centrally Sponsored Post Matric Scholarship Scheme for ST students - Himachal Pradesh
- 3) Centrally Sponsored Post Matric Scholarship Scheme for SC students - Himachal Pradesh
- 4) Centrally Sponsored Scheme of Post Matric Scholarship for SC students - Jammu and Kashmir
- 5) Post Matric Scholarship to ST students - Jammu and Kashmir

### STATE SCHEMES

#### (A) HIMACHAL PRADESH

- 1) Dr.Ambedkar Medhavi Chatravriti Yojana For SC students -Himachal Pradesh
- 2) Swami Vivekanand Utkrisht Charavriti Yojana-Himachal Pradesh
- 3) Mukhya Mantri Vidyarthi Kalyan Yojna - Himachal Pradesh
- 4) Indira Gandhi Utkrisht Chatravriti Yojana - Himachal Pradesh
- 5) Dr. Ambedkar Medhavi Chatravriti Yojana For OBC students - Himachal Pradesh
- 6) Thakur Sen Negi Utkrisht Chatravriti Yojana - Himachal Pradesh
- 7) Mukhya Mantri Protsahan Yojana-Himachal Pradesh
- 8) Maharishi Balmiki Chatravriti Yojana - Himachal Pradesh

For details visit at:

<https://scholarships.gov.in/centralsOrsponsoredOrstate>

#### (B) PUNJAB

- 1) DR. Ambedkar Scholarship for SC/OBC/EBC students of Punjab having (i) Punjab Residence Certificate not older than 4 years, (ii) Family income less than 2.5 Lacs, (iii) SC/OBC certificate.

For details visit at:

<https://scholarships.punjab.gov.in/>

#### \*SGPC Scholarships for Amritdhaari Students.

##### Some Private Scholarships:

##### Nishkaam Scholarship for Professional Courses.

<https://www.nishkam.org/>

##### Sarbat Da Bhala Scholarships for needy students.

<https://sarbatdabhalatrust.com/scholarship-and-means-cum-merit-schemes/>

- 1) **HDFC Bank Parivartan's ECSS Programme for Undergraduate Students (Merit-cum-Need Based)**
  - 2) **HDFC Bank Parivartan's ECSS Programme for Postgraduate Students (Merit-cum-Need Based)**
- <https://www.hdfcbankecss.com/>

# Contacts for information

## PG Department of Commerce and Management

Dr. Manjeet Singh 99140-19385

Dr. Manpreet Kaur 97799-27577

## PG Department of Computer Science

Dr. Surender Kumar 81465-97406

Mrs. Tajinder Kaur 85859-06005

Mrs. Amandeep Kaur 95010-43748

## PG Department of Agriculture

Ms. Bhawna Thakur 62390-65485

Dr. Shravan Kumar 99962-96777

## PG Department of Physics

Dr. Vimal Mehta 98554-60699

Dr. Devinder Singh 8968781688

## PG Department of Chemistry

Dr. Mandeep Kaur 88727-40400

Dr. Gagandeep Kaur 94631-31015

## PG Department of Mathematics

Dr. Sangeet Kumar 84278-22077

Dr. Darpan Sood 94173-51109

## PG Department of Zoology

Dr. Amandeep Kaur 99153-80006

## PG Department of Botany

Dr. Manpreet Kaur 98720-23248

## PG Department of Punjabi

Dr. Gurpreet Kaur 95920-99002

## PG Department of Hindi

Ms. Shaganpreet Kaur 81469-43284

## PG Department of English

Dr. Gurpreet Kaur 98766-65765

Mrs. Parvinder Kaur 95929-90839

## PG Department of History

Dr. Ravinder Singh Rekhi 94633-66136

## PG Department of Political Science

Dr. Sunita Rani 95011-07059

Dr. Virpal Singh 94631-13301

## PG Department of Economics

Dr. Shaveta Kaushal 94177-13508

## Humanities Group

Dr. Paramjeet Kaur 81465-26775

Dr. Jagpinderpal Singh 81465-90396

Dr. Shweta Kaushal 70182-80547

Mr. Sukhwinder Singh 95924-18152

## B.Voc. Retail Management, Hospitality &

## Tourism and Food Processing

Dr. Parampreet Singh 98884-94330

## For Radio Enquiry

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