



ਸ੍ਰੀ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ ਦੇ
400ਵੇਂ ਜਨਮ ਦਿਹਾੜੇ ਨੂੰ ਸਮਰਪਿਤ



Information Brochure
Professional &
Vocational Courses
2020-21

MATA GUJRI COLLEGE

Sri Fatehgarh Sahib

An Autonomous

Under the Management of S.G.P.C., Sri Amritsar

Re-accredited with 'A' Grade by NAAC

Covered under 'Star College Scheme' of DBT, Ministry of Science & Technology, GOI

Approved by AICTE New Delhi for MBA & MCA Courses

Affiliated to Punjabi University, Patiala

We pay homage to



**Baba Zorawar Singh Ji, Baba Fateh Singh Ji & Mata Gujri Ji
who sacrificed their lives for truth, justice & human values**

For Admission to various courses contact the following:

Course	Name of the Teacher	Contact No.
MCA	Mr. Mukesh Kumar	7009621516
MBA	Dr. Kamalpreet Kaur/Ms. Shivani Bector	9876173019/8146700473
M.Sc. and B.Sc. Biotechnology/B.Sc. (Hon.) Forensic Sci.	Dr. Jagdish Singh/Dr. Nitu Trehan	9464654301/9988005285
M.Sc. Mathematics, B. Sc (C.S.M.)	Ms. Namita Berry / Dr. Rajinder Pal	9815670540/9501621144
M.Sc. Food Technology/B. Voc (Food Processing)	Dr. Ajay Singh	9041379566
M.Sc. Microbiology	Dr. Saurabh Gupta	9815623983
M.Sc. Chemistry, B.Sc (Hons.) Chemistry	Dr. Kamalpreet Kaur/ Dr. Kuldeep Kaur	7083104990/8427500475
M.Sc. Physics, B.Sc (Hons.) Physics	Dr. Tajinder Singh/ Dr. Ramneek Kaur	9781986678/8288008845
M.Sc. IT & M.Sc. IT (Lateral Entry), PGDCA	S. Davinder Singh/ Ms. Harsimrat Kaur	9855012272/9814744337
M.Sc./B.Sc. (Hons.) Agriculture/B. Voc (Nursery Mgt.)	Dr. Dilip Singh/Dr. Sandeep Kumar Singh	7009255271/9882238194
M.Sc./ B.Sc. (Hons.) Botany	Ms. Lovneet Kaur/ Dr. Vijay Singh	9501677099/8054323424
M.Sc. Zoology & B.Sc. (Hons.) Zoology	Ms. Pardeep Kaur	9814345173
M.Com	Dr. Bikramjit Singh/Dr. Rashpaljeet Kaur	9501010382/9465165055
MA. Fine Arts	Dr. Avneet Kaur	7009421043
MA English	Ms. Satpreet Kaur/ Dr. Gauri Handa	9855119695/8146800347
MA Punjabi	Dr. Rashid Rasheed/ Dr. Jagjiwan Singh	8837780060/9914301328
MA Economics/B.A. (Hons.) Social Science & Economics	S. Jagpal Singh	8146000699
MA Music (Vocal)/ MA Psychology	Dr. Seema Rani/ Dr. Hardeep Kaur	8196957600/8054849928
MA Political Science	Dr. Satnam Singh	9814188794/9465924358
MA (JMC) & BA (JMC)	S. Anupreet Singh Tiwana	98146-34512
BBA/B. Voc. (Retail Mangement)	S.Ratnesh Pal Singh	9872001218
BCA/B.Voc. (Soft. Deve.)/Artificial Intelligence & Data Science	Dr. Harjit Singh	9501362400
B.Com (Accounting & Finance)	Dr. Rashpaljeet Kaur/Mr. Gagandeep Singh	9465165055/98556-12962
B.Com (Hons.)	Dr. Harjit Kaur/Ms. Ravinder Kaur	7814449000/8146300795
B.Com	Mr. Mohd. Anwar/Ms. Jaspreet Kaur	99157252740/9781950311
B.Sc. (Hons.) Math	Mr. Sham Bansal	9041964995
B.A. (Hons.) English	Dr. Maninder Kainth	9872300987
B.Sc. (Medical & Non Medical)	Ms. Pardeep Kaur	9814345173
B.A.	S. Anupreet Singh Tiwana/Dr. Gurbaj Singh	9814634512/8699549760

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Our Patron



Bhai Gobind Singh Ji Longowal President

Shiromani Gurdwara Prabandhak Committee, Sri Amritsar
&
College Governing Body

From The Director's Desk

Dear Students,

I am extremely happy to welcome you to Mata Gujri College, Fatehgarh Sahib for a new academic year filled with hopes and dreams of scaling new heights. Mata Gujri College, Fatehgarh Sahib is a multi faculty premier Institute of higher education catering to the needs of the students in various streams like basic Sciences Humanities, Commerce, Computer Science and Agriculture. We offer a wide variety of undergraduate and post graduate courses and also add new market relevant courses in accordance with the needs of the area and time.



In the new academic year 2020-21, I wish to advise the parents that children should be guided rather than forced to achieve their goals, the motive of education should be to teach the students to think and develop a capacity to reason out facts. Students should fix their priorities and plan their time in order to attain success in life. They should not fall prey to youthful fancies and indulgences. They should learn to study hard and must remain serious and attentive in the classes. My advice to the students is to imbibe the virtues of sacrifice, uprightness and righteousness exemplified by the younger Sahibzadas Baba Zorawar Singh, Baba Fateh Singh and Mata Gujri Ji revered mother of Guru Gobind Singh.

We believe that education should focus on such values, attitudes and behavior patterns which enable the students to co-exist in a world characterized by diversity and pluralism. It is our endeavour to provide quality education which equips the students with skills and confidence. We have experienced qualified and dedicated faculty, excellent infrastructure and facilities which help the students to attain their goals in life. We encourage the students to participate in various co-curricular and extracurricular activities. Various clubs and associations are playing a proactive role in developing scientific, social and event managements skills in students. We make an effort to inculcate leadership qualities, sense of responsibility and human values in our students. The placement cell is operational in the college which guides, counsels and trains the students to get good placements in the volatile job market.

The college has scaled great heights under the visionary and dynamic leadership of all the Ex- Presidents and Bhai Gobind Singh Ji Longowal, the present President of S.G.P.C Sri Amritsar.

I want to assure the parents that the safety and security of their wards in the college campus will be our priority and creation of congenial academic environment is our prime concern. I am always accessible to the students and they can meet me any time in the campus for the redressal of their grievances. Once again, I welcome you and assure you that the "Future belongs to you".

Dr. Kashmir Singh
Director-Principal

“To

Strive
Seek
Find
& Not to Yield”

Objectives

In order to fulfil the mission of Mata Gujri College, the Institution sets forth the following objectives which reflect the overall goals of the college.

Mission Statement

The mission of Mata Gujri College is to provide the rural youth, educational opportunities that emphasize skills & knowledge which will allow the students to adjust themselves with the social and technological change. We recognize that education is vital in developing skills needed for a productive society and essential in promoting the individual's sense of worth, value and high ethical standards. The college is committed to offer quality education to its students and to assist them in discovering their leadership qualities and to fulfil their educational goals.

1

To provide a varied selection of academic curricula in specialized areas and in general education by systematically reviewing classroom facilities, equipment, curriculum, faculty and staff.

2

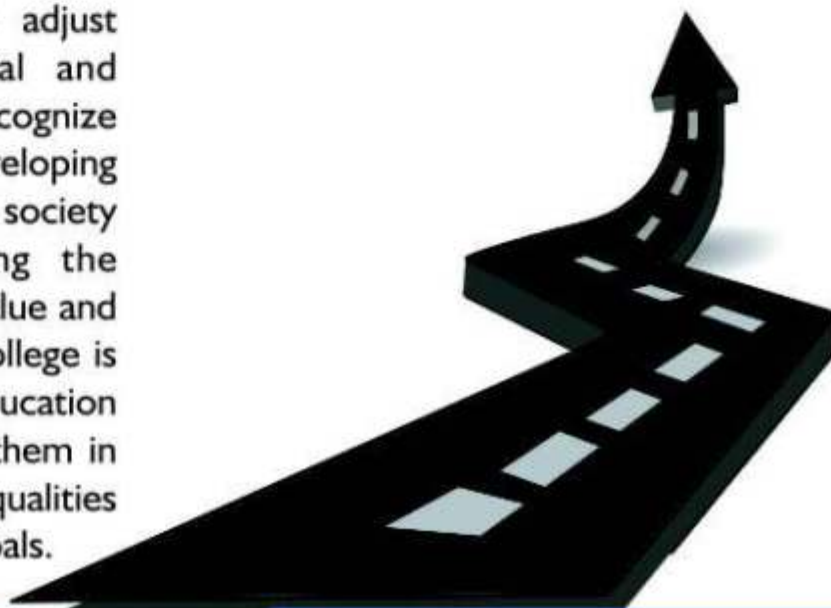
To provide the students with a background of job skills which enhance their employability.

3

To provide the students with basic skills which contribute to success in their careers and in their personal lives.

4

To make available to our students activities, services and experiences which foster personal growth and leadership qualities that will assist them in their social, vocational and academic pursuits which will also enhance their ethical and moral values.



Introduction

Mata Gujri College was established in the year of 1957 in the name of Mata Gujri ji, the revered mother of tenth guru of Sikhs, Sri Guru Gobind Singh Ji. The college was founded by Bibi Gurbachan Kaur Mann with the sole ambition of promoting higher education in the area. Despite being visually challenged, she was a lady of great determination, dedication and vision. The college is situated at the historical town of Sri Fatehgarh Sahib, about 4 kms from Sirhind railway station. The college is in the vicinity of historic Gurudwara of Sri Fatehgarh Sahib, a living testimony to the supreme sacrifice of the two younger sahibzadas of Sri Guru Gobind Singh ji, Baba Zorawar Singh ji and Baba Fateh Singh ji.

Shiromani Gurudwara Prabandhak Committee, Sri Amritsar (SGPC) took the college in its ambit in 1964. The college has made tremendous achievements and rapid progress under the able guidance and dynamic leadership of Bhai Gobind Singh Longowal, President SGPC and college Governing body. The College is bound to make rapid strides in every field under the worthy leadership of S. Ranjit Singh Libra, (Honorary Secretary, College Governing Body) and Dr. Tejinder Kaur, Director Education, S.G.P.C. Late Jathedar Gurcharan Singh Tohra and all the Former-Principals has great contribution in growth and development of college. The College is indebted to all the Former-Principals who have worked hard to achieve this esteemed position of the college with their farsighted vision and untiring efforts.

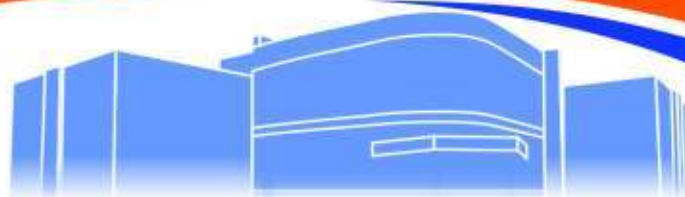
Mata Gujri College is the first college in the region which has achieved the status of an 'Autonomous College' by UGC. The college is re-accredited with 'A' Grade by NAAC and also covered under "Star College Scheme" of DBT, Ministry of Science and Technology, Govt of India.



Bibi Gurbachan Kaur Mann



Infrastructure



The college has always been striving to keep pace with the ever changing global scenario. The best possible facilities are made available to young students in order to make them successful professionals, intelligent executives and perfect human beings. The class room teaching is supplemented with ultra modern teaching aids and methodologies. The infrastructural facilities of the college include:

- A sprawling and serene campus spread over 25 acres.
- The college has its own Medical Centre where the medical facilities exist for the students and staff members.
- College has its own ambulance facility for the students
- A fully air- conditioned conference hall in computer and management blocks.
- The college has a spacious air-condition Seminar Hall in the Commerce block.
- Wi-Fi campus with free downloading facility for students.
- College has fully AC "Bhai Nand Lal" auditorium with state-of-the-art technology.
- College is Having Hi-Tech, Well Equipped, Fully Air-Conditioned 10 computer Labs including one latest Apple iMac Lab .
- College campus is under the surveillance of CCTV Cameras, which includes PTZ cameras, IP Cameras for providing security to campus.
- Our main library is centrally air-conditioned with the collection of Books on almost every subject, national & international journals, Magazines, periodicals, e-journals and a wide range of newspapers.
- Excellent and spacious classrooms with all modern facilities like K-Yan, OHP & LCD Projectors, Movie Cameras, Digital Cameras etc. and also digital classrooms.
- Facility of health club with 16 stations Gym separate for boys and girls along with facilities for weight lifting, body building etc.
- The institute offers extensive sports facilities including international standard stadium with Cynder Track, Football, Hockey, Cricket, Volleyball playgrounds, Cemented Basket Ball Court, Lawn Tennis and Badminton Courts. Indoor games like Table Tennis, Chess, Carrom Board, Fencing etc. are also available.
- Fleet of buses offer subsidized transport facilities especially to the girls students from Chandigarh, Mohali, Patiala, Nabha, Khanna, Mandi Gobindgarh, Sirhind and Bassi Pathana.
- Separate hostels for Boys and Girls in the Campus.
- 24 hours uninterrupted power backup system.
- Spacious Student Centre and Canteen.
- College has its own Overhead Water Reservoir.
- Health fitness gym for girls hostel.
- Spacious and well equipped scientific labs with latest instruments like HPLC, FTIR, EC & GC etc. and software like MATHEMATICA for mathematical computation and Function visualisation (2D, 3D) and Tally.
- Tie up with Multinational Insurance Company for group insurance of students.
- College has Day Care Centre in the campus.
- ATM facility available in the college.
- Kiosk Information in all Buildings.
- Digital Language Lab equipped with "Clarity" software.
- Various Research, Practical learning, Demonstrations facilities in the college:
 1. Hydroponic and soil less Cultivation
 2. Vermicomposting Unit
 3. Polyhouse
 4. Net house
 5. Mushroom Production Unit
 6. Nutrient Film Technique
 7. Drip irrigation system
 8. Soil Analysis
 9. Testing for Adulteration in Milk



Instructions for Admission

1. Each candidate shall fill up the admission form online for admission in different academic programme at **website: www.matagujricollege.org or www.mgcfgs.com**

Candidate will have upload the following documents with the admission form:

- a) Latest colored Passport size Photographs of candidate and parents.
- b) Following certificates:
 - (i) Residence Certificate
 - (ii) Birth certificate
 - (iii) Detailed Marks Card of qualifying Examination
 - (iv) Character Certificate from the Principal of the school/Institute/College last attended
 - (V) Migration Certificate from previous Board/ University
 - (vi) Reserved/Sub category Certificate from the competent authority, if applicable
 - (VII) Ration Card
 - (IX) Blood Group proof
 - (X) Aadhaar Card.
2. No-objection certificate from the employer in case the candidate is in service.
3. Self declaration pledging the payment of balance fee & funds for the remaining entire period of the course before discontinuing studies in between or before migration.
4. College considers Ragging a cognizable offence & will take stern action against the offenders as per the directions of UGC/Supreme Court.
5. Passed out students are advised to submit the application to seek refund of College/Hostel Security upto 31 December of the year in which student pass out, failing which, the security amount will be forfeited and no refund will be made.
6. Any student can take NCC/NSS as per rules & should consult the Teacher Incharge.
7. Some scholarships for meritorious and deserving students are available in various teaching departments. For details contact HOD's of the concerned department.
8. 5% relaxation in eligibility conditions to SC/BC/Handicapped/Sportsperson (National Level Winners & International Level Participation)
9. Reservation will be as per Punjab Govt. Norms.
10. The part II Examination shall be open to any person who has passed part-I examination in full or has cleared at least 50% of the papers of two semesters of first year. Part III examination shall be open to any person who has passed part-1 & II examination in full or has cleared at least 50% of the papers of four semesters of first & second year taken together.
12. If the number of admissions in the hon. course is less than fifteen(15) then the said course is subject to be discontinuation for the session 2020-21.
13. The subjects courses in any programme can be changed as per the recommendations of board of studies.

Old Students of the college who will take admission in PG Courses are entitled to 10% fee concession on the basic fee of first year (1st and 2nd Semester together). In addition to this a scholarship of Rs 5000/-, Rs 3000/- and Rs 2000/- will also be given to the first, second and third topper of the UG class respectively.

Important Rules

1. The Director-Principal of the college has the right to reject the candidature of any student seeking admission without giving any reason.
2. 100% 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 order of merit.
3. First Semester students will be required to pay the Fee immediately after the admission is confirmed, failing which the admission will be cancelled.
4. The Students are given facility to deposit their fees in two installment; first installment at the time of admission and second installment by 20th December 2020 by all means.
5. Ragging is considered as crime and strictly prohibited & is punishable as per rules of the Government/UGC. If any student indulges in any form of ragging inside or outside the premises of the college, he/she will be summarily expelled from the College.

6. Each student of this College must wear Student Identity Card inside the College Campus.
7. The students shall be regular and punctual in attending classes.
8. While attending College functions, the students will conduct themselves in such a way as to bring credit to themselves and to the institution.
9. Students shall not talk or act in any manner outside the institution in a way that would bring disrepute to the College.
10. Students are forbidden from entering the college office and the staff rooms during unspecified hours.
11. Gathering in groups at roads, entrance, exit and pathways is strictly prohibited.
12. Students shall come modestly dressed in the College & wear Uniform as per rules of the college.
13. Use of mobile phones within academic area/class rooms/venue of official functions/corridors/ Administrative blocks of the college campus is strictly banned. The students are not allowed to record/click pictures of official functions without written permission of the principal. Violation of this rule by any student would result in impounding of the Camera/Cell phone and strict disciplinary action against the student.
14. Spitting, smoking and throwing bits of paper inside the college campus is prohibited.
15. All vehicles should be parked in the allotted place otherwise Vehicles shall be impounded.
16. Students are expected to use only courteous and polite language and behave with decorum with the staff of the College.
17. Students shall avoid using any insulting, inciting, threatening language when talking with fellow students and should abstain themselves from violence.
18. Students are prohibited from damaging any other property of the College in any way. The cost of any damage so caused will be recovered from the students collectively if the responsibility for it cannot be fixed on any individual or group of individuals.
19. No meeting/function of any kind shall be held in the College premises without the written permission of the Principal.
20. No notice of any kind shall be circulated among students or displayed on black boards or on notice board without the written permission of the Principal.
21. No information or report should be sent to press or broadcasting agencies or on social media without the permission and approval of the Principal.
22. Students should not involve themselves either directly or indirectly in any form of politics either inside or outside the College during their period of study. If a student fails to comply with this regulation, strict disciplinary action will be initiated against the student which may even result in the rustication of the student from the College.
23. The students are required to submit a clearance certificate (No Dues) from the concerned authorities to get roll number for each semester examination.
24. Students are expected to read notices displayed on the College Notice Board/College Website. Ignorance of not reading any notice thus displayed shall not be accepted as an excuse failing to comply with the directions contained in it.
25. Representation of complaints and grievances may be made individually to the Principal through the H.O.D./Grievances Committee of the college. Note: -Disciplinary action may include a warning or a reprimand or suspension or expulsion from the College or withdrawal of campus privileges or any other action which the College authorities deem appropriate at that time. The Principal's decision shall be the final & binding in all matters of punishment to the student for violation of any of the rules and regulations of the College.

Bus Charges

* Mohali & Patiala -16,800 PA (Can be paid in two instalments)

* Below 5 km. - 4000 PA

* 5-10 km. - 6,600 PA

* 10-15 km. - 9,000 PA

* 15-20 km. - 12,000 PA

* 20-25 km. - 12,600 PA

* 25-30 km. - 13,800 PA

* 30-40 km. - 14,000 PA

* 40 & Above -15,000 PA

Hostel

Separate prospectus is available for the students who need hostel accommodation. The students should contact hostel wardens for further information.

Hostel Wardens

1. Dr. Jagdish Singh (For Boys Hostel)-94646-54301

2. Dr. Sukhjit Kaur (For Girls Hostel) 99143-41230

M.Sc. (Hons.) Biotechnology

Biotechnology is an interface of basic and applied sciences, where gradual and subtle transformation of science into technology can be witnessed. Biotechnology is defined as the application of scientific and engineering principles to processing of material by biological agents to provide goods and services. Biotechnology comprises a number of technologies based application of biology at the cellular and molecular level. A wide variety of biological systems are now being employed as tools in biotechnology to produce useful products or services using biological (microbes or cultured animal or plant cells) alternatives. Which provide economic value to process with respect to chemical process. During the next few decades biotechnology would have overtaken chemical technology, and many products which industrial products which has tremendous economic value. Career opportunities for Master in Biotechnology are in pharmaceutical sector, medical biotechnology, biological sciences, Healthcare, environment treatment process and Food Processing Industry. Industries and R&D seek Biotechnology Professionals for handling positions of Production Engineers, Quality Control Analyst and development of technology. So, this course will make students capable of exploiting enough available opportunities to nourish their skills in emerging biotechnology industry and research. The course shall be spread over two academic years (M.Sc. Part-I and Part-II). Each part shall consist of two semester.

Duration of Course: 2 Years (4 Semesters)

Course Schedule

Semester-1		
Course Code	Name of Paper	Credits
MSBT-101	Fundamentals of Biochemistry	4
MSBT-102	Bio analytical Techniques	4
MB-101	Microbiology	4
MB-301	Environmental Biotechnology	4
Open Elective Papers (Select only one)		4
MB-205	Opt.-I Microbial Technology	
MSFT-101	Opt.-II Food Biochemistry and Nutrition	
MSBOT-105	Opt.-III Plants for Human Welfare	
MSZOOE-105	Opt.-IV Insect Vector Borne Diseases of Public Health Importance	
Semester-2		
MSBT-201	Bioprocess Engineering	4
MSBT-202	Molecular Biology	4
MSBT-203	Immunology	4
Elective Papers		
MSBT-202	Opt-I Bioinformatic	3
	Opt-II Cellular Organization	
MSBT-203	Opt-I Biostatistics	3
	Opt-II Biosafety and Bioethics	
Semester-3		
MBT-301	Enzymology & Enzyme Technology	4
MBT-302	Genetic Engineering	4
MBT-303	Research Methodology	2
Elective Papers		
MBT-304	Opt I Plant Physiology	3
	Opt II Ecological Principles	3
MBT-305	Opt I Bioinformatics	
	Opt II Solid and Hazardous waste management	2
MBT-309 RP-1	Research Project	5
Semester-4		
MBT-401	Bioprocess engineering	3
MBT-402	Commercial Biotechnology	3
MBT-406	Tissue & Cell Culture Technology	2
MBT-406 RP-2	Research Project	15

Fee Structure

1 st Sem (with Reg.)	27740
1 st Sem (with Cont.)	26420
2 nd Semester	26100

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

Eligibility Criteria

- The candidates who have passed the Bachelor's degree in science with subjects in the faculty of Life sciences/ Biological/ Medical/ Engineering /Food/Agriculture and those candidates who have passed the Bachelor's degree in sciences with any three of the following subjects i.e. Mathematics/Statistics, Physics and Chemistry are also eligible for admission in Semester-1.
- The candidates should have obtained a minimum aggregate of 50% marks (including optional subjects) in the qualifying examination of all courses. The candidates who are awarded grades shall be required to produce conversion formula for converting the scored grade into percentage of marks.



M.Sc. Agriculture

Master of Science in Agriculture is post graduate academic degree programme consisting six important Agricultural subjects such as Agronomy, Horticulture- Fruit Science, Horticulture-Vegetable Science, Genetics and Plant Breeding, Soil Science and Agricultural Chemistry and Floriculture & Landscape Architecture. It is the two year Post graduate level program which is divided in to four semesters with course work and research work based on ICAR pattern. Our department has highly qualified faculty with good publication records, well-equipped laboratory and 50 acre experimental farm for conducting research trails for partial fulfilment of thesis work of master degree programmes. There are several options for Master Degree holders in Agriculture such as departmental jobs in state government as ADO, BDO, HDO, banks jobs such as PO, AO, RDO, field officer etc. Students can avail opportunities in central research institutes for Project Assistant, Senior Research Fellows, technical/research assistants, and academics jobs as assistant professor in agricultural colleges and Universities after qualifying NET. In private sector there are various jobs available in pesticides, fertilizer and seed production industries etc. Further, one can start his/her own business and provide jobs to others.

Eligibility criteria : The candidates should have passed Bachelor degree in Agricultural Science with minimum 50% marks

Duration of Course: 2 Years (4 Semesters) Course Schedule

M.Sc. Agriculture (Genetics and Plant Breeding)			SEMESTER-I		
Code	Title of Paper	Credits	Code	Title of Paper	Credits
SEMESTER-I			SEMESTER-I		
GPB-501	Principles Of Genetics	(3+1)	VSC-501	Production Technology Of Winter Season Vegetable Crops	(3+1)
GPB-502	Principles Of Plant Breeding	(3+1)	VSC-502	Growth And Development Of Vegetable Crops	(3+1)
GPB-503	Principles Of Cytogenetics	(3+1)	SSC-503	Soil Fertility And Fertilizer Use	(3+1)
AS -504	Statistical Methods	(3+1)	AS-504	Statistical Methods	(3+1)
ENG- 505	Technical Writing And Communication Skills	(3+0)	ENG-505	Technical Writing & Communication Skills	(3+0)
SEMESTER-II			SEMESTER-II		
GPB-506	Principles Of Quantitative Genetics	(3+1)	VSC-507	Production Technology of Summer Season Vegetable Crops	(3+1)
GPB-507	Mutagenesis And Mutation Breeding	(3+1)	VSC-508	Breeding of Vegetable Crops	(3+1)
GPB-508	Cell Biology And Molecular Genetics	(3+1)	SSC-509	Analytical Tech. & Instru. Methods in Soil & Plant Ana	(3+1)
SST-509	Principal of Seed Production	(3+1)	AS-510	Experimental Design	(3+1)
AS - 510	Experimental Design	(3+1)	COMP-501	Fundamental of IT	(2+1)
COM-511	Fundamental of IT	(2+1)	VSC-512	Seed Production Technology of Vegetable Crops	(3+1)
SEMESTER-III			SEMESTER-III		
GPB-512	Breeding for Biotic and Abiotic Stress Resistance	(3+1)	VSC-513	Prod.Tech. of under exploited & underu. veg. Crops	(3+1)
GPB-513	Heterosis Breeding	(3+1)	VSC-514	Forcing Tech. & organic vegetable prod. tech.	(3+1)
GPB 514	Biotechnology for Crop Improvement	(3+1)	FBC-515	Food Biochemistry	(3+1)
GPB 599	Master's Research	(0+10)	VSC-599	Master's Research	(0+10)
SEMESTER-IV			SEMESTER-IV		
GPB-515	Maint Breeding & Concepts of Release Varieties	(3+1)	PHT-516	Post Harvest Tech. of fruit and vegetable crops	(3+1)
GPB-516	Breeding For Quality Trait	(3+1)	VSC-591	Master's Seminar	(1+0)
GPB-591	Master's Seminar	(1+0)	VSC-599	Master's Research	(0+10)
GPB-599	Master's Research	(1+10)			

M.Sc. Agriculture (Agronomy)

SEMESTER-I		
Code	Title of Paper	Credits
AGR-501	Modern Concepts in Crop Production	(3+0)
AGR-502	Principles And Practices of Weed Management	(3+1)
SSC-503	Soil Fertility And Fertilizer	(3+0)
AS-504	Statistical Methods	(3+1)
ENG-505	Technical Writing And Communication Skills	(3+0)
SEMESTER-II		
AGR-506	Agronomy Of Major Cereals And Pulses	(3+1)
AGR-507	Principles And Practices of Water Management	(3+1)
AGR-508	Fundamentals Of Agricultural Meteorology	(3+1)
SSC-509	Analytical Tech.& Instrum. Methods in Soil & Plant Analysis	(3+1)
AS-510	Experimental Design	(3+1)
COMP-511	Fundamental of Information Technology	(2+1)
SEMESTER-III		
SSC-512	Soil Erosion and Conservation	(3+1)
AGR-513	Cropping Systems and sustainable Agriculture	(3+0)
AGR-514	Agronomy of oilseed, fibre and sugar crops	(1+0)
AGR-599	Master's Research	(0+10)
SEMESTER-IV		
AGR-515	Principles and practices of organic farming	(3+1)
AGR-516	Dryland Farming and watershed management	(3+1)
AGR-591	Master's Seminar	(1+0)
AGR-599	Master's Research	(0+10)

M.Sc. Agriculture (Horticulture-Vegetable Science)



M.Sc. Agriculture

M.Sc. Agriculture (Soil Science and Agricultural Chemistry)

SEMESTER-I		
Code	Title of Paper	Credits
SSC-501	Soil Mineralogy, Genesis, Classifications and survey	(3+1)
SSC-502	Fundamentals of Soil physics	(3+1)
SSC-503	Soil fertility and fertilizer	(3+1)
AS-504	Statistical Methods	(3+1)
ENG-505	Technical Writing And Communication Skills	(3+0)
SEMESTER-II		
AGR-506	Agronomy of major cereals & pulses	(3+1)
SSC-507	Soil Chemistry	(3+1)
SSC-508	Management Of Problem Soils and Water	(3+1)
SSC-509	Analytical Tech. & instru. Methods in soil & plant analysis	(2+1)
AS-510	Experimental Design	(3+1)
COMP-511	Fundamental of IT	(2+1)
SEMESTER-III		
SSC-512	Soil Erosion and conervation	(3+1)
SSC-513	Soil and water pollution	(3+1)
AGR-514	Agronomy of oilseed, fibre and sugar crops	(3+1)
Soils-599	Master's research	(0+10)
SEMESTER-IV		
SSC-515	Soil Microbiology	(3+1)
SSC-515	Manures and fertilizers	(3+1)
SSC-591	Master's Seminar	(1+0B)
SSC-599	Master's Research	(0+10)

M.Sc. Agriculture (Horticulture Floriculture & Landscape Architecture)

SEMESTER-I		
Code	Title of Paper	Credits
FLA.501	Protected Floriculture	(3+1)
FLA.502	Production Technology Of Cut Flowers	(3+1)
SSC-503	Soil Fertility And Fertilizer	(3+1)
STAT AS -	504 Statistical Methods	(3+1)
ENG 505	Technical Writing And Communication Skills	(3+0)
SEMESTER-II		
Fla.503	Breeding Of Flower Crops And Ornamental Plants	(3+1)
Fla.504	Landscaping And Ornamental Gardening	(3+1)
Fla.505	Value Addition In Flowers	(3+1)
Ssc- 509:	Analytical Techniques And Instrumental Methods In Soil And Plant Analysis	(0+3)
As-510	Experimental Design	(2+1)
Comp-511	Fundamentals Of Information Technology	(2+1)
SEMESTER-III		
Fla.506	Turfing And Turf Management	(3+1)
Fla.507	Cad For Outdoor And Indoorscaping	(3+1)
Ssc- 516:	Manures And Fertilizers	(3+1)
Fla-599	Master's Research	(0+10)
SEMESTER-IV		
Fla-508	Production Technology For Loose Flowers	(3+1)
Fla-509	Propagation And Nursery Management Of Ornamental Plants	(3+1)
Fla-591	Master's Seminar	(1+0)
Fla-599	Master's Research	(0+10)

M.Sc. Agriculture (Horticulture- Fruit Science)

SEMESTER-I		
Code	Title of Paper	Credits
FSC-501	Tropical Fruits	(3+1)
FSC-502	Subtropical Fruits	(3+1)
SSC-503	Soil Fertility & Fertilizer	(3+1)
AS-504	Statistical Methods	(3+1)
ENG-505	English (Communication Skills)	(3+0)
SEMESTER-II		
FSC-506	Temperate Fruits and Nuts	(3+1)
FSC 507	Propagation & Nursery Mgt. For Fruit Crops	(3+1)
FSC 508	Breeding of Fruit Crops	(3+1)
SSC-509	Analytical Tech. & instru. Methods in soil & plant analysis	(3+1)
AS-510	Experimental Design	(3+1)
COMP-511	Fundamental of IT	(2+1)
SEMESTER-III		
FSC-512	Biodiversity and conservation of fruit crops	(3+1)
FBC-513	Food Biochemistry	(3+1)
FSC-514	Nutrition of Fruit crops	(3+1)
FSC-515	Orchard Management	(3+1)
FSC-599	Master's Research	(0+10)
SEMESTER-IV		
FSC-516	Post-Harvest tech. for fruit & Vegetable crops	(3+1)
FSC-517	Protected cultivation and organic horticulture	(3+1)
FSC-591	Master's Seminar	(1+0)
FSC-599	Master's Research	(0+10)



Fee Structure

1 st Sem (with Reg.)	46540
1 st Sem (with Cont.)	45230
2 nd Semester	32700

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

M.Sc. Botany

As with other life form in biology, plant life can be studied from different perspectives, from the molecular, genetic and biochemical level through organelles, cells, tissues, organs, individuals, plant populations, and communities of plants. At each of these levels a botanist might be concerned with the classification (taxonomy), structure (anatomy and morphology), or function (physiology) of plant life. Botany as a subject is related to the study of plants. When planning a career in Botany, the job profile can include study of plants, research, working with industries, teaching, self employment, and being a part of many more fields. Students of Botany have great promising career in fields like Forest departments, Horticulture, Pollution control board, Floriculture and Landscaping, Environment, Nursery and gardening, Agriculture and Mushroom Culture technology. The main aim is to pursue a mantra of holistic development of the student, inculcating scientific temper, providing an enriched academic environment that promotes intellectual curiosity leading to the thirst for scientific knowledge, ensuing practical and analytical approach. Botany is the best subject option for the Aspirants of prestigious posts such as Indian Forest Services (IFS) and Indian Administrative Services (IAS).

ELIGIBILITY CRITERIA

The candidate should have passed B.Sc with Botany/B.Sc. (Hons) Botany obtaining atleast 50% marks. The admission will be made purely on merit basis. Syllabus is designed strictly according to UGC regulation and Choice Based Credit System.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester I	
Course Code	Name of Paper
MSBOT101	Cell and Molecular Biology
MSBOT102	Biology and diversity of Viruses. Bacteria and Fungi
MSBOT103	Biology and diversity of Algae and bryophytes
MSBOT104	Biology and diversity of Pteridophytes and Gymnosperms
MSBOT 105	Plant for Human Welfare
MSBT 304	Genetic Engineer
MB301	Environmental Technology
MSZOOOE 105	Insect Vector Borne Diseases fo Public Health Importance

Semester II	
Course Code	Name of Paper
MSBOT 201	Cytogenetics and Molecular Genetics
MSBOT 202	Plant Resource's and utilization
MSBOT 203	Taxonomy of Angiosperms
MSBOT 204	Paleobotany Ethnobotany
MSBOT 205	MOOC

Semester III	
Course Code	Name of Paper
Core Course VII	Plant Development and Reproduction
Core Course VIII	Plant Ecology
Core Course IX	Opt a) Crop Genetics and Plant Breeding Opt b) Plant Pathology
Discipline Specific	Elective Course II I) Plant Protection II) Plant Propagation
Interdisciplinary	Elective Course III) Biostatistics

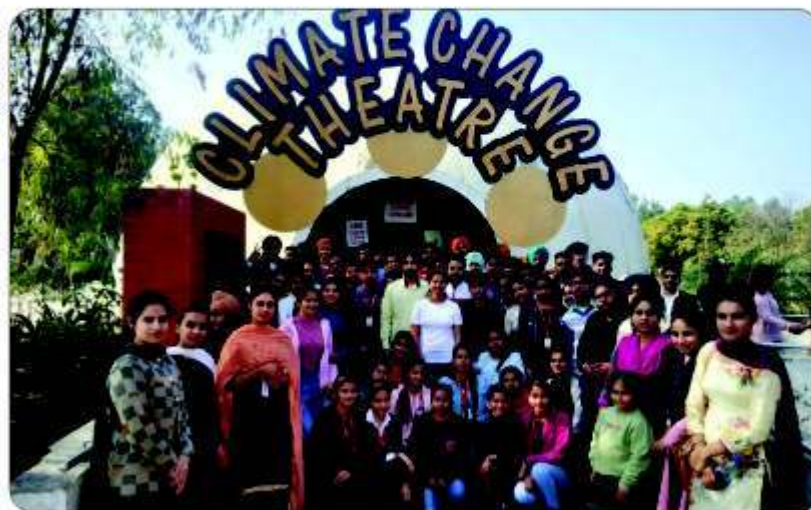
Semester IV	
Course Code	Name of Paper
Core Course XI	Plant Resources and Utilization
Core course XII	Plant Cell, Tissue and Organ Culture
Core course XIII	Opt a) Crop Genetics and Plant Breeding Opt b) Plant Pathology
Discipline Specific	Elective Course IV a) Forest Biology IV b) Phytochemistry
Interdisciplinary	Elective Course IV Bioinformatics



Fee Structure

1 st Sem (with Reg.)	27740
1 st Sem (with Cont.)	26420
2 nd Semester	26100

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.



M.Sc. Chemistry

Chemistry is a fundamental science and has contributed immensely to the improvement of the life of human beings by providing many of the human requirements and essentialities. New branches of chemistry are emerging and gaining importance, such as bioorganic chemistry, materials chemistry, computational chemistry etc. The emerging chemical technologies are highly science based. The aid of computers has not only accelerated growth in the practice of chemistry but revolutionized the entire field.

M.Sc. Chemistry is two year post graduate programme designed to provide knowledge and skills to the students and train the students for future career in chemistry. This course opens the doors to a large number of career options such as a career in pharmaceutical industry, textile industry, environment conservation, perfume industry, forensic science, metallurgy etc and also career in teaching and research.

The department has smart classrooms and well equipped labs with advanced instruments such as UV-Vis Spectrophotometer, spectrofluorophotometer, FT-IR, rotary vacuum evaporator, High precision balances and many more.

Eligibility Criteria The candidates should have passed B.Sc./B.Sc. (Hons.) with Chemistry as an elective subject with minimum 50% marks.

Duration of Course: 2 Years (4 Semesters) Course Schedule

SEMESTER I			SEMESTER IV		
Code	Title of Paper	Credits	Code	Title of Paper	Credits
MCH 101	Inorganic Chemistry	5	COMPULSORY PAPER		
MCH 102	Organic Chemistry	5	MCH 401	Environmental and Advanced Topics in Chemistry	5
MCH 103	Physical Chemistry	5	INORGANIC SPECIALISATION		
MCH 104	(A) Mathematics for Chemists (B) Biology for Chemists	5	MCH 411	Chemistry of Organometallic Compounds	5
MCH 105	Inorganic Chemistry Practicals	3.75	MCH 412	Advanced Inorganic Chemistry	5
MCH 106	Analytical Chemistry Practical	3.75	MCH 413	Inorganic Spectroscopy-II	5
SEMESTER II			MCH 414	Inorganic Chemistry Practicals-I	3.75
MCH 201	Inorganic Chemistry	5	MCH 415	Inorganic Chemistry Practicals-II	3.75
MCH 202	Organic Chemistry	5	ORGANIC SPECIALISATION		
MCH 203	Physical Chemistry	5	MCH 421	Name Reactions and Reagents in Organic Synthesis	5
MCH 204	Computer Fundamentals and Programming	5	MCH 422	Organic Synthesis	5
MCH 205	Organic Chemistry Practical	3.75	MCH 423	Heterocyclic Chemistry	5
MCH 206	Physical Chemistry Practical	3.75	MCH 424	Organic Chemistry Practicals-I	3.75
SEMESTER III			MCH 425	Organic Chemistry Practicals-II	3.75
COMPULSORY PAPER			PHYSICAL SPECIALISATION		
MCH 301	Instrumental Methods of Analysis	5	MCH 431	Spectroscopy-II	5
INORGANIC SPECIALISATION			MCH 432	Solid State and Radiation Chemistry	5
MCH 311	Chemistry of Transition & Inner- Transition Elements	5	MCH 433	Surface Chemistry and Polymers Practicals	5
MCH 312	Reaction Mechanism of Transition Metal Complexes	5	MCH 434	Instrumental Physical Chemistry Practicals-II	3.75
MCH 313	Inorganic Spectroscopy-I	5	MCH 435	Physical Chemistry Practicals-II	3.75
MCH 314	Inorganic Chemistry Practicals-I	3.75	ORGANIC SPECIALISATION		
MCH 315	Inorganic Chemistry Practicals-II	3.75	MCH 321	Applications of Organic Molecular Spectroscopy	5
ORGANIC SPECIALISATION			MCH 322	Photochemistry and Pericyclic Reactions	5
MCH 321	Applications of Organic Molecular Spectroscopy	5	MCH 323	Chemistry of Natural Products	5
MCH 322	Photochemistry and Pericyclic Reactions	5	MCH 324	Organic Chemistry Practicals-I	3.75
MCH 323	Chemistry of Natural Products	5	MCH 325	Organic Chemistry Practicals-II	3.75
MCH 324	Organic Chemistry Practicals-I	3.75	PHYSICAL SPECIALISATION		
MCH 325	Organic Chemistry Practicals-II	3.75	MCH 331	Spectroscopy-I	5
PHYSICAL SPECIALISATION			MCH 332	Statistical Thermodynamics	5
MCH 331	Spectroscopy-I	5	MCH 333	Fundamental and Atmospheric Photochemistry	5
MCH 332	Statistical Thermodynamics	5	MCH 334	Instrumental Physical Chemistry Practicals-I	3.75
MCH 333	Fundamental and Atmospheric Photochemistry	5	MCH 335	Physical Chemistry Practicals-I	3.75
MCH 334	Instrumental Physical Chemistry Practicals-I	3.75			
MCH 335	Physical Chemistry Practicals-I	3.75			

Note: * B.Sc. Non-medical students will take biology for chemists paper while B.Sc. Medical students will take the paper Mathematics for Chemists

INDUSTRIAL TRAINING: The candidates will be required to undergo training in a specific industry, R & D Organizations and will have to submit project report followed by its presentation and viva-voce. It will be graded as satisfactory or unsatisfactory.



Fee Structure

1st Sem (with Reg.) 27740

1st Sem (with Cont.) 26420

2nd Semester 26100

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.Sc. (Hons.) Food Technology

Food technology involves all aspects of food science, including production, processing and distribution of food commodities viz. Farm to fork. As food industry is flourishing with fast pace that serves the basic human requirements. Hence career in food science ensures better future opportunities in academics and industry as well. Present scenario governs the maximum potential to adapt individuals towards minimizing the postharvest losses, improving the quality, safety and acceptance of finished food products. Food technologists may work in research and development sector to formulate new products as per the convenience and demand. This course emphasizes on learning scientific concepts with application of technology. It provides the opportunity to expand beyond the background provided by the food science. The college is successfully running post graduate course, M.Sc. (Hons.) Food technology. The department is well equipped with sophisticated instruments such as Fermentor, Bakery Deck Oven, Fat analyser, Fibre analyser, Cooling Liquid dispenser, wet grinder, muffle furnace, spectrophotometer, GC and HPLC etc.

Let's come and try to achieve, Hippocrate's quote " Let Food Be Your Medicine, Not Medicine Be Your Food"

Eligibility Criteria

Candidate who have passed the Bachelors's in sciences in the faculty of Life Sciences/Food Science/ Agriculture/Home Sciences/ Medical/Non medical Stream with at-least 50% marks in above disciplines.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I			Semester-III		
Course Code	Name of Paper	Credits	Course Code	Name of Paper	Credits
MSFT-101 (C-1)	Food Biochemistry and nutrition	4	MSFT-301(C-9)	Egg, Meat & Fish Technology	3
MB-302 (C-2)	Food Microbiology	4	MSFT-302(C-10)	Food engineering	4
MSFT-102(C-3)	Principles of Food processing	4	MSFT-303(C-11)	Fruits and vegetables	3
MSFT-103 (GE-1)	Opt-I Neutraceutical and functional foods	3	MSFT-304(C-12)	Bakery and confectionary technology	2
	Opt-II Fermentation Technology		MSFT-305(GE-2)	Opt-I Beverage Technology	2
MB 104 (C-4)	Research Methodology	2		Opt-I Enzymes in food Industry	
MSFT-102(C-3)	Food Biochemistry and nutrition Lab	2	MSFT-306	Egg, Meat & Fish Technology Lab	2
MSFT-104	Food Microbiology Lab	2	MSFT-307	Food engineering Lab	2
MSFT-105	Principles of Food processing Lab	2	MSFT-308	Fruits and vegetables lab	2
MSFT-104	Synopsis work	2	MSFT-309	Bakery and confectionary technology lab	2
			MSFT 310	Industrial Training Seminar	0
			MSFT 406	Research project (Experimental work)	6
Semester-II			Semester-IV		
MSFT-201	Food additives		Core Courses		
MB 402	Industrial Microbiology	3	MSFT-401(C-13)	Cereal, Pulses and Legume Technology	4
MSFT 202	Milk and milk processing Technology	3	MSFT-402(C-14)	Food Packaging and marketing	3
MSFT-20	Food quality regulation and IPR	2	MSFT-403(C-15)	Spices and plantation crops	2
MSMAT001 (OE-1)	Biostatistics	2	FT-404	Cereal, Pulses and Legume Technology lab	2
MSFT-204	Food additives Lab	2	MSFT-405	Food Packaging and marketing lab	2
MB 405	Industrial Microbiology Lab		MSFT-406	Thesis ((Expt. work & Thesis writing)	10
MB 405	Milk and milk processing Technology Lab				
MSFT 406:	Thesis (experimental work)				

Fee Structure

1st Sem (with Reg.) 27740

1st Sem (with Cont.) 26420

2nd Semester 26100

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



M.Sc. Information Technology

M.Sc.-IT course has been designed to meet the growing demand for qualified professionals in the field of information Technology. This course is inclined more toward application development and thus has more emphasis on latest programming language and tools. This course places the special emphasis on how to work with different computer applications. The course also fulfils the requirement of various state and central government jobs in terms of number of computer learning/training hours. Choice Based Credit System (CBCS) has been implemented in MSC-IT from academic session 2016-17 as per guidelines of U.G.C.

Eligibility Criteria:

Graduation with minimum of 50% mark

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I		Semester-III	
Course Code	Title of Paper	Code	Title of Paper
MS-111	Fundamentals of Information Technology	MS-231	Computer Networks
MS-112	Programming Fundamentals using C Language	MS-232	Data Structure
MS-113	Web Designing using HTML or DHMTL	MS-233	Programming in Java
MS-114	Operation System	MS-234	Programming Lab -V based on MS-232
MS-115	Programming Lab-I based on MS-112	MS-235	Programming Lab-VI based on MS-233
MS-116	Programming Lab II based on MS-113	MS-236	Choice Based Course (CBC-III)
		*CBC-III	(Students can opt any one of the following)
		MS-236	C1 Artificial Intelligence
		MS-236	C2 System Testing
Semester-II		Semester-IV	
MS-121	Object Oriented Programming Using C++	MS-241	Software Engineering
MS-122	Data Base Management	MS-242	Computer Graphics
MS-123	Web Designing using Advanced CSS and Scripting languages	MS-243	Web Development using PHP
MS-124	Computer Networks	MS-244	Programming Lab-VII based on MS-242
MS-125	Programming Lab-IV based on MS-121	MS-245	Programming Lab-VII based on MS-243
MS-126	Programming Lab-IV based on MS-123	Minor Project	based on MS-243
		MS-246	Choice Based Course (CBC-IV)
		*CBC-IV	(Students can opt any one of the following)
		MS-246	C1 Programming with Python
		MS-246	C2 Programming with R Languages



Fee Structure

1st Sem (with Reg.) 24340

1st Sem (with Cont.) 23020

2nd Semester 22000

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.Sc. Information Technology (Lateral Entry)

The Course for degree of M.Sc. IT (LE) will be of one year (2 Semesters) duration. The students will be directly admitted to M.Sc. IT Part II. Important Note: The course Contents of M.Sc. IT (LE) will be same as M.Sc. IT-II, but the students will have to pass deficient papers of M.Sc.-IT first year.

Eligibility Criteria:

PGDCA with minimum of 50% marks

Fee Structure

1st Sem (with Reg.) 26840

1st Sem (with Cont.) 25520

2nd Semester 24500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.Sc. Mathematics

Mathematics is everywhere in Science. Mathematical tools are needed in each aspect of technology and in community. As the essence of mathematics is not to make simple things, but to make complicated things simple. PG department of mathematics is running M.Sc. Mathematics course with the variety of subjects ranging from Pure Mathematics to Applied and Computational Mathematics. This course not only opens the doors to career opportunities in teaching and research but also in banking (Government/Private Sector) and industry. With the changing scenario, the department has established a software lab with C language and mathematics.

Eligibility Criteria

The candidate should have passed B.Sc./B.Sc (Hons.)/B.A. (with mathematics as elective subject) with at least 50% marks. The admission of the candidate will be subjected to the eligibility conditions in force at the time of admissions. The medium of instructions and examinations is in English. Admission Procedure: The admission will be made purely on merit basis.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I		
Course Code	Name of Course	Credits
MSMAT 101:	Lebesgue Theory of Integration	5+1
MSMAT 102:	Differential equation	5+1
MSMAT 103:	Mathematical Statistics	5+1
MSMAT 104:	Algebra-I	5+1
Elective Course		
MSMAT 105:	Optimization Techniques	5+1
MSMAT 106:	Classical Mechanics	5+1

Semester-II		
Course Code	Name of Course	Credits
MSMAT 201:	Linear Algebra	5+1
MSMAT 202:	Complex Analysis-I	5+1
MSMAT 203:	Topology-I	5+1
MSMAT 204:	Differential Geometry	5+1
Elective Course		
MSMAT 205:	Numerical Methods	5+1
MSMAT 206:	Fuzzy Sets and its Applications	5+1

Semester-III		
Course Code	Name of Course	Credits
MSMAT 301:	Topology-II	5+1
MSMAT 302:	Functional Analysis	5+1
Elective Course		
MSMAT 303:	Differentiable Manifolds	5+1
MSMAT 304:	Category Theory-I	5+1
MSMAT 305:	Classical Mechanics	5+1
MSMAT 306:	Algebra-II (Rings and modules)	5+1

Semester-IV		
Course Code	Name of Course	Credits
MSMAT 401:	Theory of Linear Operators	5+1
MSMAT 402:	Mathematical Methods	5+1
Elective Course		
MSMAT 403:	Differentiable Geometry of Manifolds	5+1
MSMAT 404:	Fluid Mechanics	5+1
MSMAT 405:	Algebraic Coding Theory	5+1
MSMAT 406:	Operation Research	5+1
MSMAT 407:	Non-Linear Programming	5+1
MSMAT 408:	Advanced Numerical Analysis	5+1
MSMAT 409:	Complex Analysis-II	5+1
MSMAT 410:	Algebraic Topology	5+1
MSMAT 411:	Field Theory	5+1
MSMAT 412:	Category-II	5+1



Fee Structure

1st Sem (with Reg.) 18990

1st Sem (with Cont.) 17670

2nd Semester 17850

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.Sc. (Hons.) Microbiology

Microbiology is the study of microorganism and their interactions with humans, animals, plants and the environment, Microbiology, a multidiscipline science, has contributed significantly in the development of various other sciences viz. physical, chemical and biological. A Microbiologist may work in both basic and research, clinical settings, processing and quality control of raw food and processed on, public health, environmental protection and other domains of life.. College is successfully running the post graduate program in Microbiology to cater the need of industries, research organizations and academics to meet their expectations. Microbiology Department has highly qualified faculty with world class publications in collaboration with the post graduate students. Department has well furnished laboratories equipped with sophisticated instruments such as autoclave, PCR, Gel doc, Fermentor, HPLC, FT-IR, GC, Gradient PCR, Fluorescence Microscope, Flame Photometer, cooling centrifuge etc.

Eligibility Criteria:

Candidate who have passed the Bachelor's degree in sciences with subjects in life sciences/ Biological/ Medical/ Engineering food/ Agriculture. Besides this, candidates who have passed the bachelor's degree in sciences with any three of following subjects i.e. Mathematics/ Statistics, Chemistry and physics are also eligible. The candidates should have obtained a minimum of 50% marks (including optional subjects) in above subjects. The candidates who have awarded grades shall require producing conversion formula for converting the score grade into percentage of marks.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester - I		Semester - III	
Name of Course	Credits	Name of Course	Credits
Fundamentals of Microbiology	4	Environmental Biotechnology	4
Bacteriology and Virology	4	Food Microbiology	4
Research Methodology	2	Agricultural Microbiology	3
Fundamentals of Biochemistry	4	Genetic Engineering	4
Lab course of Instrumentation and Biotechniques	2	Lab course pertaining to MB-301	2
Lab course pertaining to MB-101	2	Lab course pertaining to MB-302	2
Lab course pertaining to MB-102	2	Lab course pertaining to MB-303	1
Lab course pertaining to MSBT-101	2	Lab course pertaining to MSBT-302	2
Research (Synopsis submission)	2	Industrial training	2
		Research (Experimental work)	4
Semester - II		Semester - IV	
Mycology & Phycology	4	Medical Microbiology	4
Molecular Biology	4	Industrial Microbiology	4
Immunology	4	Lab course pertaining to MB-401	2
Lab course pertaining to MB-201	2	Lab course pertaining to MB-402	2
Lab course pertaining to MB-202	2	Elective paper	
Lab course pertaining to MZCC-201	2	Advances in Microbiology /	3
Elective paper		Clinical and diagnostic microbiology	
Biostatistics /	3	Lab course pertaining to MB-405	
Bioinformatics		Research (Experimental work, Thesis submission and presentation)	10
Lab course pertaining to MSMAT001 /	1		
Lab course pertaining to MSBT-202			
Research (Experimental work)	4		
Open Elective paper			
Microbial biotechnology	4		
Lab course pertaining to MB-205	20		

Fee Structure

1st Sem (with Reg.) 27740

1st Sem (with Cont.) 26420

2nd Semester 26100

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



Master of Commerce (M.Com)

With Changing dimensions of world economic environment and policies, scops of international trade and exchange of services has widened manifold. Master of Commerce is a course which facilitates young dynamic students to exploit this opportunity. Students are provided with diversified and specific knowledge regarding key areas of business and commerce through well planned, market relevant and latest syllabi. These inputs make the students knowledgeable and ready to work professionals. PG Department of Commerce is running M.Com. since 2004-05.

Eligibility Criteria

Bachelor's degree in Commerce/Bechelor of Accounting & Finance/ Bachelor of Business Administration/ BMIT with at least 50% marks in aggregate from a recognized university.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I			Semester-IV		
Course Code	Title of Paper	Credit	Code	Title of Paper	Credit
MC 101	Organisational Behaviour	5	MC 401	Human Resource Management	5
MC 102	Accounting for Managerial Decisions	5	MC 402	Security Analysis and Portfolio Management	5
MC 103	Managerial Economics	5	MC403	International Finance	5
MC 104	Fundamentals of Business Research	5	MC 404	Project Management	5
MC 105	Financial Management	5	MC 405	Viva-Voce	2
(Based on the entire syllabus to be conducted by the external examiner).					
Elective Paper (any one paper from two groups)					
GROUP-I: ACCOUNTING & FINANCE					
			MC 406(i)	Modern Accounting Theory & Reporting Practices	5
			MC 406 (ii)	Financial derivatives	5
GROUP II: BUSINESS STUDIES					
			MC 406 (iii)	Strategic Management	5

Semester-II			Semester-III		
Code	Title of Paper	Credit	Code	Title of Paper	Credit
MC 201	International Business Environment	5	MC 301	Strategic Cost Management	5
MC 202	Statistical Techniques for Business	5	MC 302	Stock Markets And Operations	5
MC 203	Corporate Governance & Ethics	5	MC 303	Corporate Tax Planning	5
MC 204	Financial Institutions and Markets	5	MC 304	Marketing Management	5
MC 205	Contemporary Accounting	5	ELECTIVE PAPER(ANY ONE FROM ANY GROUP)		
MC 206	Workshop on Financial Planning	2	GROUP-I :ACCOUNTING &FINANCE		
			MC 305(i)	Management of Financial Services	5
			MC 305 (ii)	Advanced Auditing	5
			GROUP-II :BUSINESS STUDIES		
			MC 305 (iii)	Operations Research	5
			MC 305 (iv)	International Trade and Environment	5



Fee Structure

1 st Sem (with Reg.)	16340
1 st Sem (with Cont.)	15020
2 nd Semester	14150

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.Sc. Zoology

Zoology is the field dedicated to the study and welfare of animals. It is a branch of science that deals with structure, evolution, embryology, taxonomy, behaviour and distribution of animals. The post graduation in Zoology opens a wide scope of securing a rewarding career. With a comprehensive knowledge through the course, one can find employment in Government as well as in Private Sector, teaching and research. Besides teaching, the zoologists have lucrative job opportunities as animal breeders, conservationists, wildlife educators, Prestigious Indian Government Animal Research Institutes like CSIR, ZSI, CIFT, IVRI, NCDC, NBRC etc. It can also be a valuable addition to the interesting and efficient choices for competitive administrative exams like IAS, IFS, IRS, UPSC and PCS. The college offers a wide range of activities and all students are encouraged to involve themselves as fully as possible. M.Sc. Zoology is a two year program, divided into four semesters. The curriculum offers flexibility of opting the specialisations of Cytogenetics, Parasitology, Fisheries and Entomology. The college provides well equipped scientific laboratories with sophisticated instruments and qualified faculty for the course.

Eligibility Criteria: The candidates who have passed B.Sc. Zoology Honours/ B.Sc. Medical/B.Sc. Fisheries/ B.Sc. Life Sciences with Zoology as one of the subject, with 50% marks are eligible for the course.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Course	Course Name	Semester-I	Credits	Developmental Biology 2	Semester-III	Credits	
CC-I	MZOO :101	Biosystematics and Taxonomy	4	CC-IX MB-103	Research Methodology	2	
CC-II	MZOO:102	Evolutionary Biology	4	CC-X MZOO 301	Genetics and Cytogenetics	4	
CC-III	MZOO:103	Metabolism: Concept and Regulation	4	Choose any one specialization (Entomology/Cytogenetics /Parasitology /Fisheries)			
CC-IV	MZOO:104	Molecular Cell Biology	4	Entomology			
Open Elective (Choose One)				MZOO(En)303 A Insect morphology and classification			4
Student will choose an open elective paper of their interest from other interdisciplinary departments.				MZOO(En)304A Insect Anatomy and Physiology			4
Practical-I	MZOO P: 106	Biosystematics, Taxonomy and Evolutionary Biology	2	Cytogenetics			
Practical-II	MZOO P: 107	Biochemistry and Molecular Cell Biology	2	MZOO(C) 303B	Genome and Genomics	4	
Practical-III	Open Elective	Based on chosen Interdisciplinary Open Elective paper	2	MZOO(C)304 B	Principles of Gene Manipulation	4	
				Semester-II			
CC-V	MZOO :201	Immunology	4	MZOO(P)303 C	Vector Biology	4	
CC-VI	MSBT:202	Bioanalytical Techniques	4	MZOO(P)304 C	Parasitology (Protozoans and Helminthes)	4	
CC-VII	MZ CC:203	Comparative Animal Physiology	4	Fisheries			
CC-VIII	MZ CC:204	Developmental Biology	4	MZOO(F)303D	Fish Taxonomy and Morphology	4	
(Elective Paper (Choose One Elective paper))				MZOO(F)304 D Fish Evolution and Functional Anatomy			4
MSBT-202	MSBT-206	Bioinformatics	3	Elective Paper: Choose any one			
MSMAT001		Biostatistics	4	MZOO(E)305A	Ecology and Zoogeography	4	
Practical-IV	MZOO-206	Immunology	2	MZOO(E)305B	Limnology	4	
Practical-V	MSBT-206	Bioanalytical Techniques	2	MZOO(E)305C	Environment analysis and Management	4	
Practical -VI	MZOO P: 207	Animal Physiology and	2	Practical VII	MZOO P:301 Genetics and Cytogenetics	2	
				Practical VIII MZOO P: 302 Research Methodology and scientific writing			2
				Practical IX MZOO: 303A/B/C/D Based on Specialization			2
				Practical X MZOO: 304 A/B/C Practical based on Elective Paper			1
				Semester IV			
CC-XI	MZOOCC:401	Endocrinology and Neural Physiology	4	CC-XII	MZOOCC:402	Animal Behavior and Wildlife & its management	4
				Choose any one specialization (Entomology/Cytogenetics /Parasitology/Fisheries)			
				Entomology			
				MZOO(En)403A Insect Pest Control and Toxicology			4
				MZOO(En)404A Agricultural and Medical Entomology			4
				Cytogenetics			
				MZOO(C) 403B Human and Medical Genetics			4
				MZOO(C)404B Cell Division, Differentiation and Cellular Parasitology			4
				MZOO(P)403C Host Parasite Relationship			4
				MZOO(P)404C Parasitology (Plant nematodes and Zoonosis)			4
				Fisheries			
				MZOO(F)403D Aquatic Resources and their Conservation			4
				MZOO(F)404 D Aquaculture			4
				Elective Paper(Choose any one)			
				MZOO(E)405A Industrial Zoology			4
				MZOO(E)405B Dissertation			5
				Practical XIMZOO P:401 Endocrinology, Animal Behavior & Wild Life			2
				Practical XII MZOO P:402A/B/C/D Based on Specialization			2
				Practical XIII MZOO P:403 Practical based on industrial zoology			2

Fee Structure

1st Sem (with Reg.) 27740

1st Sem (with Cont.) 26420

2nd Semester 26100

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

M.Sc. Physics

Physics deals with matter and energy and their interaction in the field of mechanics, electricity, magnetism, radiation, atomic structure, nuclear phenomenon, etc. The aim of the department has been to provide up to date instructions to our students to meet the requirement of trained manpower in physics for teaching, research, engineering and other vocations. This well balanced course emphasizes on acquiring the knowledge regarding the measurements and mathematical analysis, computer programming, spectroscopy and advanced electronics etc. which will help the students in their higher studies and in the field of research..

Eligibility Criteria

The candidate should have passed B.Sc./ B.Sc. (Hons.) with Physics as an elective subject obtaining at least 50% marks. The admission will be made purely on merit basis.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester I			Semester -III		
Course Code	Name of Papers	Credits	Course Code	Name of Papers	Credits
P 1.1.1	Mathematical Physics-I	4	P 2.3.1	Condensed Matter Physics-I	4
P 1.1.2	Classical Mechanics	4	P 2.3.2	Laser and Fiber Optics	4
P 1.1.3	Quantum Mechanics	4	P 2.3.3	Advanced classical Mechanics and Electrodynamics	4
P 1.1.4	Nuclear & Particle Physics	4		Elective Paper (Chose any one)	4
Elective Papers (Choose any one)			P 2.3.4	(i) Computational Methods and Simulations (ii) Advanced Electronics (iii) Atomic and Molecular pectroscopy (iv) Material Science	
P 1.1.5	(i) Electronics-I (ii) Remote Sensing (iii) Microwave and its propagation		P 2.3.5	Laboratory Practice: (Nuclear & Solid State Physics Lab)	4.5
P 1.1.6	Laboratory Practice (I) Electronics (ii) Laser-Optics Lab	4.5	P 2.3.6	Computer Laboratory	1.5
Semester-II			Semester-IV		
P 1.2.1	Mathematical Physics-II	4	P 2.4.1	Condensed Matter Physics-II	4
P 1.2.2	Nuclear Physics	4	P 2.4.2	Advanced Quantum Mechanics	4
P 1.2.3	Statistical Mechanics	4	P.2.4.3	Elective Paper (Choose any one)	4+4
P 1.2.4	Classical Electrodynamics	4	P2.4.4	(i) Experimental Techniques in Physics (ii) Radiation Physics (iii) High Energy Physics (iv)Theoretical Nuclear Physics	
Elective Papers (Choose any one)			P 2.2.5	Laboratory Practice: (Nuclear & Solid State Physics Lab)/ /Project work	4.5
P 1.2.4	(i) Electronics-II (ii) Physics of Electronic Devices & Fabrication of integrated Circuits and Systems (iii) Science and Technology of Solar Hydrogen and Other Renewable Energies		P 2.2.6	Computer Laboratory	1.5
P 1.2.5	Laboratory Practice (I) Electronics (ii) Laser-Optics Lab	4.5			



Fee Structure

1st Sem (with Reg.) 27740

1st Sem (with Cont.) 26420

2nd Semester 26100

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

ਐਮ.ਏ. (ਆਨਰਜ਼) ਪੰਜਾਬੀ

ਕਾਲਜ ਵਿਖੇ ਚਲ ਰਹੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਦਾ ਆਰੰਭ, ਕਾਲਜ ਦੇ ਸਥਾਪਨਾ ਦਿਵਸ (1957 ਈ.) ਦੇ ਨਾਲ ਹੀ ਹੋ ਗਿਆ। ਆਪਣੇ ਆਰੰਭ-ਦਿਵਸ ਤੋਂ ਲੈ ਕੇ ਹੁਣ ਤੱਕ ਪੰਜਾਬੀ ਵਿਭਾਗ ਸਮਾਜਿਕ ਵਿਕਾਸ ਦੇ ਪਰਿਪੇਖ ਵਿਚ ਮਾਤ ਭਾਸ਼ਾ ਦੇ ਮਹੱਤਵ ਨੂੰ ਸਮਰਪਿਤ ਹੁੰਦਾ ਹੋਇਆ ਅਗਰਸਰ ਹੈ ਇਸ ਵਿਭਾਗ ਦਾ ਉਦੇਸ਼ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਅਧਿਆਪਨ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੀ ਪ੍ਰਾਚੀਨ ਅਤੇ ਮਹਾਨ ਸਭਿਆਚਾਰਕ ਸਾਹਿਤਕ ਵਿਰਾਸਤ ਦੀ ਵਿਲੱਖਣ ਹੋਂਦ ਦੇ ਸੰਦਰਭ ਵਿਚ ਪੰਜਾਬ, ਪੰਜਾਬੀਅਤ ਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨਾਲ ਜੋੜਨਾ ਹੈ। ਇਸ ਵਿਭਾਗ ਵਲੋਂ ਸਾਲ 2006-07 ਵਿਚ ਐਮ.ਏ. ਪੰਜਾਬੀ ਸ਼ੁਰੂ ਕੀਤੀ ਗਈ ਜਿਸ ਦਾ ਮੰਤਵ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੀ ਮਾਤ-ਭਾਸ਼ਾ ਵਿਚ ਉੱਚੇਰੀ ਸਿੱਖਿਆ ਪ੍ਰਾਪਤ ਕਰਨ ਦਾ ਮੌਕਾ ਪ੍ਰਦਾਨ ਕਰਨਾ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਅੰਤਰਗਤ ਮੌਜੂਦ ਵਿਸ਼ਵਵਿਆਪੀ ਖੋਜ ਸੰਭਾਵਨਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ। ਇਸਦੇ ਨਾਲ ਹੀ ਅਜੋਕੇ ਤਕਨਾਲੋਜੀ ਯੁੱਗ ਵਿਚ ਰੁਚਗਾਰ ਦੀਆਂ ਜਰੂਰਤਾਂ ਨੂੰ ਮੁੱਖ ਰੱਖ ਕੇ ਇਸ ਕੋਰਸ ਵਿਚ ਐਮ.ਏ. ਪੰਜਾਬੀ ਆਨਰਜ਼, ਕੰਪਿਊਟਰ ਦਾ ਮੁੱਢਲਾ ਅਤੇ ਵਿਹਾਰਕ-ਗਿਆਨ, ਅਨੁਵਾਦ, ਤੁਲਨਾਤਮਕ ਸਾਹਿਤ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ ਨੂੰ ਪਾਠਕ੍ਰਮ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰਨ ਦੀ ਪਹਿਲ ਕਦਮੀ ਕੀਤੀ ਗਈ ਹੈ।

ਵਿਦਿਅਕ ਯੋਗਤਾ : ਅੰਡਰ ਗ੍ਰੈਜੂਏਟ ਪੱਧਰ 'ਤੇ ਘੱਟੋ-ਘੱਟ 50 ਫੀਸਦੀ ਨੰਬਰ ਪ੍ਰਾਪਤ

STUDY SCHEME

ਨੋਟ : ਵਿਦਿਆਰਥੀ ਕੁੱਲ ਪੰਜ papers (ਤਿੰਨ Core Papers ਅਤੇ ਕੋਈ ਦੋ Elective Papers) ਪੜ੍ਹਨਗੇ। ਆਨਰਜ਼ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਉਪਰੋਕਤ ਪੰਜ ਪੇਪਰਾਂ ਦੇ ਨਾਲ ਆਨਰਜ਼ ਦਾ ਇੱਕ Core Paper ਅਤੇ ਇੱਕ Elective Paper ਪੜ੍ਹਨਾ ਹੋਵੇਗਾ। ਐਮ.ਏ. ਦੇ 100 Credits ਅਤੇ ਐਮ.ਏ. ਆਨਰਜ਼ ਦੇ 140 Credits ਹੋਣਗੇ।

Duration of Course: 2 Years (4 Semesters) Course Schedule

SEMESTER-1			SEMESTER-3		
Papers Code	Name of Course	Credits	Papers Code	Name of Course	Credits
PBI 101	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ	5	PBI 301	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ-I	5
PBI 102	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ	5	PBI 302	ਗੁਰਮਤਿ ਕਾਵਿ-I	5
PBI 103	ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ	5	PBI 303	ਪੰਜਾਬੀ ਵਾਰਤਕ-I	5
Elective Papers			Elective Papers		
PBI 104	ਪੰਜਾਬੀ ਨਾਟਕ	5	PBI 304	ਸੂਫੀ ਕਾਵਿ ਅਤੇ ਬੀਰ ਕਾਵਿ	5
PBI 105	ਆਧੁਨਿਕ ਬਿਰਤਾਂਤਕ ਕਾਵਿ	5	PBI 305	ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ	5
PBI 106	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ/ਨਾਵਲ	5	PBI 306	ਪੰਜਾਬੀ ਦ੍ਰਿਸ਼ ਮੀਡੀਆ ਤੇ ਪਟਕਥਾ ਲੇਖਣ-I	5
PBI 107	ਸਾਹਿਤਕ ਅਨੁਵਾਦ (I.D. Course)	5	PBI 307	ਪੰਜਾਬੀ ਪ੍ਰਿੰਟ ਮੀਡੀਆ-I (I.D. Course)	5
Honors Papers			Honors Papers		
PBI 108	ਵਿਸ਼ਵ ਨਾਟਕ (Core paper)	5	PBI 308	ਵਿਸ਼ਵ ਕਾਵਿ (Core Paper)	5
PBI 109	ਵਿਸ਼ਵ ਗਲਪ (Elective paper)	5	PBI 309	ਪਾਕਿਸਤਾਨੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (Elective Paper)	5
PBI 110	ਤੁਲਨਾਤਮਕ ਸਾਹਿਤ (Elective paper)	5	PBI 310	ਆਧੁਨਿਕ ਪੱਛਮੀ ਕਾਵਿ ਸ਼ਾਸਤਰ (Elective Paper)	5
SEMESTER-2			SEMESTER-4		
Core Papers			Core Papers		
PBI 201	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ	5	PBI 401	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ-II	5
PBI 202	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ	5	PBI 402	ਗੁਰਮਤਿ ਕਾਵਿ-II	5
PBI 203	ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ	5	PBI 403	ਪੰਜਾਬੀ ਵਾਰਤਕ-II	5
Elective Papers			Elective Papers		
PBI 204	ਪੰਜਾਬੀ ਨਾਟਕ	5	PBI 404	ਕਿੱਸਾ ਕਾਵਿ	5
PBI 205	ਆਧੁਨਿਕ ਬਿਰਤਾਂਤਕ ਕਾਵਿ	5	PBI 405	ਲੋਕਧਾਰਾ ਅਤੇ ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ	5
PBI 206	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ/ਕਹਾਣੀ	5	PBI 406	ਪੰਜਾਬੀ ਦ੍ਰਿਸ਼ ਮੀਡੀਆ ਅਤੇ ਪਟਕਥਾ ਲੇਖਣ-II	5
PBI 207	ਕੰਪਿਊਟਰ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ (I.D. Course)	5	PBI 407	ਪੰਜਾਬੀ ਪ੍ਰਿੰਟ ਮੀਡੀਆ-II (I.D. Course)	5
Honors Papers			Honors Papers		
PBI 208	ਵਿਸ਼ਵ ਨਾਟਕ (Core paper)	5	PBI 408	ਵਿਸ਼ਵ ਵਾਰਤਕ (Core Paper)	5
PBI 209	ਵਿਸ਼ਵ ਗਲਪ (Elective paper)	5	PBI 409	ਪਰਵਾਸੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (Elective Paper)	5
PBI 210	ਤੁਲਨਾਤਮਕ ਸਾਹਿਤ (Elective paper)	5	PBI 410	ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ (Elective Paper)	5

Fee Structure

1 st Sem (with Reg.)	16190
1 st Sem (with Cont.)	14870
2 nd Semester	10050

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



M.A. English

The World has shrunk to a global village and the English Language helps 'Citizens of the World' to transgress the Physical boundaries. Department of English endeavours to open up panorama of creative imagination by providing an opportunity to the inquisitive minds to delve into the rich and vast mine of English Literature. It exposes the students to varied cultures, people, their traditions and customs. Apart from helping the students to attain Languages skills and literary genius, the course also attempts to teach them the philosophy of life. The course motivates them to read effectively, reflect deeply and to express themselves creatively. Our academic programme focuses on the professional needs, be it teaching or jobs in the corporate world. It aims to enhance their personality, their command over the language and enables them to face the worldly challenges.

Eligibility Criteria

At least 50% marks at under-graduate label.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I		Credits
Course Code	Title of Papers	
Paper 101	The Elizabethan and Jacobean Periods in English Literature 1560-1640	4+1=5
Paper 102	The Restoration Period in English Literature 1640-1700	4+1=5
Paper 103	The Augustan Period in English Literature 1700-1798	4+1=5
ELECTIVES		
Paper 104 (A)	Women's Writing in English	4+1=5
Paper 104 (B)	An Introductory Course in Linguistics Inter Disciplinary Course	4+1=5
Paper 105	Literature and Psychology	4+1=5
Paper 106	Seminar	2
Semester-II		Credits
Paper 201	Romantic Period in English Literature 1798-1840	4+1=5
Paper 202	Victorian Period in English Literature 1840-1900	4+1=5
Paper 203	Modernist Period in English Literature 1900-1950	4+1=5
ELECTIVES		
Paper 204(A)	Indian Literature in English Translation	4+1=5
Paper 204(B)	New Literatures in English Inter Disciplinary Course	4+1=5
Paper 205	Literature and History	4+1
Paper 206	Seminar	2
Semester III		Credits
Paper 301	English Prose	4+1=5
Paper 302	Literary Criticism	4+1=5
Paper 303	Indian Writing in English	4+1=5
Electives		
Paper 304 (A)	American Literature : Novel and Poetry	4+1=5
Paper 304 (B)	English Language Teaching	4+1=5
Inter Disciplinary Course		
Paper 305	Philosophy and Literature	4+1=5
Paper 306	Seminar	02
Semester - IV		Credits
Paper 401	World Fiction in English	4+1=5
Paper 402	Literary Theory	4+1=5
Paper 403	World Literature in Translation	4+1=5
ELECTIVES		
Paper 404(A)	American Literature : Drama and Non-fictional Prose	4+1=5
Paper 404 (B)	English Language Teaching	4+1=5
Inter Disciplinary Course		
Paper 405	Literature and History	4+1=5
Paper 406	Seminar	2



Fee Structure

1st Sem (with Reg.) 17190

1st Sem (with Cont.) 15870

2nd Semester 14050

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

M.A. Political Science

A Master of Arts in Political Science allows someone to really make their mark in this world through public service, influencing legislation, or shaping public policies. This degree prepares students for jobs overseas, working for the state department or other communication based jobs with theoretical and hands-on training. Many students are interested in receiving an MA in Political Science because they have a strong desire to change the world around them. They want to be involved in politics and the government, and they want to shape laws and policy.

Future prospectives-1. In UPSC, PPSC and Other Competitive exams only Political Science covers 50% Syllabus. 2. Teaching in Universities, Colleges and Schools. 3. Politics 4. State, National and International Research organizations. 5. Ambassadors, Diplomatic Organizations and Foreign Affairs. 6. Public Relation Department. 7. Law and Policy making. 8. Intelligence Organizations. 9. Social Organization and NGO's. 10. Human rights activist. 11. Electronic/Print Media. 12. Political Analyst and Many more.

Eligibility criteria: Graduation in Any Stream with atleast 50% marks.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I			Semester-IV		
Course Code	Name of Paper	Credits	Course Code	Name of Paper	Credit
MAPOL-101	Indian Political Thought	5(4L+1T)	MAPOL-401	Theory and Practice of Public Administration	5(4L+1T)
MAPOL-102	Western Political Thought	5(4L+1T)	MAPOL-402	Comparative Politics	5(4L+1T)
MAPOL-103	Indian Government and Politics	5(4L+1T)	MAPOL-403	Punjab Politics	5(4L+1T)
Elective papers			Elective Papers:		
Paper-IV:	Any one of the following Papers		Paper-IV:	Any one of the following papers	
MAPOL-104A	International Politics	5(4L+1T)	MAPOL-404-a	Electoral Politics in India	5(4L+1T)
MAPOL-104B	Any other paper served as an elective by other Department of Faculty of Social Sciences in Semester-I of M.A. Course.	5(4L+1T)	MAPOL-404-b	Research Methodology	5(4L+1T)
Semester-II			MAPOL-404-c	Contemporary Debates in Political Theory	5(4L+1T)
MAPOL-201	Modern Indian Political Thought	5(4L+1T)	MAPOL-404-d	Foreign Policies of US, Russia, China and Japan	5(4L+1T)
MAPOL-202	Contemporary Issues in Global Politics	5(4L+1T)	MAPOL-404-e	Human Rights in International Relations	5(4L+1T)
MAPOL-203	Liberal Political Theory	5(4L+1T)	MAPOL-404-f	International law	5(4L+1T)
Elective Papers			MAPOL-404-g	Politics of Third World	5(4L+1T)
Paper-IV:	Any one of the following papers		MAPOL-404-h	Globalization and its Impact	5(4L+1T)
MAPOL-204A	A. Democracy In India	5(4L+1T)	MAPOL-404-i	Any other paper served as an elective Subject by other departments of Faculty of Social Sciences in Semester-IV of M.A. Course	5(4L+1T)
MAPOL-204B	Any other paper served as an elective by other Department of Faculty of Social Sciences in Semester-II of M.A. Course.	5(4L+1T)			
Semester-III					
MAPOL-301	Contemporary Political Thought	5(4L+1T)			
MAPOL-302	Modern Political Analysis	5(4L+1T)			
MAPOL-303	Political Ideologies	5(4L+1T)			
Elective Paper					
Paper-IV:	Any one of the following Papers				
MAPOL-304-a	Sikh Political Thought (1469 AD-1708AD)	5(4L+1T)			
MAPOL-304-b	Political Sociology	5(4L+1T)			
MAPOL-304-c	Federalism In India	5(4L+1T)			
MAPOL-304-d	South Asia Political Systems (Pakistan, Sri Lanka, Nepal and Bangladesh)	5(4L+1T)			
MAPOL-304-e	International Organization	5(4L+1T)			
MAPOL-304-f	Theory and Practice of Diplomacy	5(4L+1T)			
MAPOL-304-g	South Asia and world politics	5(4L+1T)			
MAPOL-304-h	Politics of Developing Countries	5(4L+1T)			
MAPOL-304-i	Any other paper served as an elective Subject by other departments of faculty of Social Sciences in Semester-III of M.A. Course.	5(4L+1T)			

Fee Structure

1 st Sem (with Reg.)	17190
1 st Sem (with Cont.)	15870
2 nd Semester	14050

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



M.A. in Journalism & Mass Communication (JMC)

In the recent years unprecedented growth has been witnessed in the world of communication. To a great extent mass media is a modern reality which covers all aspects of human life. Moreover, a great change can be observed in the concept of people working in mass media. Mass communication is not limited to journalism alone. Careers in Mass Communication are not only high paying but also bring in a great deal of job satisfaction and expression of creativity. A professional course in mass communication opens doors for a career in films & TV, publishing, public relations, journalism, editing, direction, filmmaking, scriptwriting, production, etc. In nutshell, Mass Communication widens up the horizon of career options for a person. Depending upon personal interest and inclination a mass communication professional can choose a job. Attractive and high paying jobs as journalist, actor, director, editor, screenwriter, RJ, producer, News Reader, Script Writer are available to the talented and trained individuals.

Post-graduate degree in journalism/mass communication is required to pursue a career in this field. Specialized training or experience, fieldwork or internship increases one's opportunities in the field.

This Course is highly employment oriented, thus, some of the students from the department got employment even after completing the first year of course. Most of the former students of the department are highly placed in various media houses.

Eligibility criteria-

The candidates should be a graduate in any discipline with 50% marks. Admission will be purely on merit basis.

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I		Credits
Code	Title of Paper	
MAJMC 101	Introduction to mass Communication	5
MAJMC 102	Growth and Development of Print Media	5
MAJMC 103	Reporting for Print Media	5
(Elective Course) Select any One		5
MAJMC 104 A	Photo Journalism	5
MAJMC 104 B	Applications of Computer for Mass Media	5
MAJMC 104C	Documentary/ short film Making	4
MAJMC 105	Practical	4
Semester-II		
MAJMC 201	Advertising	5
MAJMC 202	Editing and Editorial Writing II	5
MAJMC 203	Radio Production	5
(Elective Course) Select any one		5
MAJMC 204 A	Media Management	5
MAJMC 204B	Event Management	5
MAJMC 204C	Current Affairs	5
MAJMC 205	Practical	4
Semester-III		
MAJMC 301	Mass Communication Research	5
MAJMC 302	TV Production	5
MAJMC 303	Corporate Communication & PR	5
(Elective Course) Select any One		5
MAJMC 304A	Development Communication	5
MAJMC 304B	Media Psychology	5
MAJMC 305	Project	4
Semester-IV		
MAJMC 401	New Media	5
MAJMC 402	Film Production & Studies	5
MAJMC 403	Intercultural & International Communication	5
(Elective course) Select any one		5
MAJMC 404A	Media & Society	5
MAJMC 404B	India Economy	5
MAJMC 405	Dissertation	6
MAJMC 406	Product	2



Fee Structure

1st Sem (with Reg.) 18305

1st Sem (with Cont.) 16985

2nd Semester 15800

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

M.A. Music (Vocal)

ਸੰਗੀਤ ਨੂੰ ਭਾਰਤੀ ਸੰਸਕ੍ਰਿਤੀ ਵਿੱਚ ਸਰਵੋਤਮ ਸਥਾਨ ਪ੍ਰਾਪਤ ਹੈ। ਜਿਸ ਸਥਾਨ ਦਾ ਸੰਗੀਤ ਜਿਤਨਾ ਉਨਤ ਹੁੰਦਾ ਹੈ ਉਹ ਸਮਾਜ ਉਤਨਾ ਹੀ ਸਭਯ ਮੰਨਿਆ ਜਾਂਦਾ ਹੈ। ਮਾਨਵੀ ਜੀਵਨ ਦਾ ਹਰੇਕ ਪੱਖ ਸੰਗੀਤ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਹੁੰਦਾ ਹੈ ਮਨੁੱਖੀ ਜੀਵਨ ਦੇ ਬਹੁ ਪੱਖੀ ਵਿਕਾਸ ਵਿੱਚ ਸੰਗੀਤ ਦੀ ਮਹੱਤਤਾ ਨੂੰ ਦੇਖਦੇ ਹੋਏ ਕਾਲਜ ਦੇ ਸੰਗੀਤ ਅਤੇ ਗੁਰਮਤਿ ਸੰਗੀਤ ਵਿਭਾਗ ਵਿੱਚ ਸਾਲ 2013-14 ਤੋਂ ਐਮ. ਏ ਸੰਗੀਤ ਗਾਇਨ ਦਾ ਕੋਰਸ ਚਲਾਇਆ ਜਾ ਰਿਹਾ ਹੈ। ਇਸ ਕੋਰਸ ਵਿੱਚ ਵਿਦਿਆਰਥੀ ਭਵਿੱਖ ਵਿੱਚ ਅਧਿਆਪਨ ਕਾਰਜ, ਖੋਜ ਕਾਰਜ, ਕਲਾਕਾਰ, ਸੰਗੀਤ ਨਿਰਦੇਸ਼ਕ, ਸ਼ਾਸਤਰੀ ਅਤੇ ਸੁਗਮ ਸੰਗੀਤ ਗਾਇਕ, ਕੀਰਤਨਕਾਰ ਆਦਿ ਦੇ ਤੌਰੇ ਤੇ ਕਾਰਜ ਕਰ ਸਕਦੇ ਹਨ।

ਵਿਦਿਅਕ ਯੋਗਤਾ : ਅੰਡਰ ਗ੍ਰੈਜੂਏਟ ਪੱਧਰ 'ਤੇ ਘੱਟੋ-ਘੱਟ 50 ਫੀਸਦੀ ਨੰਬਰ ਪ੍ਰਾਪਤ

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester 1			Semester 3		
Name of Course	Code	Credits	Core Course	Code	Credits
1. Scientific and Accoustical Study Of Hindustani Music	MAMUS-101	5	1. Aesthetical Study Of Hindustani Music	MAMUS-301	5
2. History Of Indian Music	MAMUS-102	5	2. Raag and Taal their Physics & Aesthetics	MAMUS-302	5
3. Stage Performance	MAMUS-103	5	3. Stage Performance		5
4. Viva -Voce	MAMUS-104	5	4. Viva -Voce	MAMUS-304	5
Elective Paper			Elective Paper		
1. Elementary knowledge of Sufi Music (Theory+Practical)	MAMUSE-105	5	1 Lok Sangeet: Mudli jankari (Theory+Practical)	MAMUSE-305	5
2. Musicology of Gurmat Sangeet (Theory+Practical)	MAMUSE-105		2 Introduction to Internet (Theory+Practical)	MAMUSE-305	5
3. Introduction to computer and Digital Audio (Theory+Practical)	MAMUSE-105				
Semester 2			Semester 4		
1 Scientific and Acoustical Study Of Hindustani Music	MAMUS-201	5	1 Aesthetical Study of Hindustani Music	MAMUSE-401	5
2 History Of Indian Music	MAMUS-202	5	2 Raag and Taal their Physics and Aesthetics	MAMUSE-402	5
3 Stage Performance	MAMUS-203	5	3 Stage Performance	MAMUSE-403	5
4 Viva -Voce	MAMUS-204	5	4 Viva-Voce	MAMUSE-404	5
Elective Paper			Elective Papers:-		
A Detailed study of Punjabi Sufi Music (Theory+Practical)	MAMUSE-205	5	1 Punjabi Lok Sangeet:Vibhinn Pripekh (Theory+Practical)	MAMUSE-405	5
B History of Gurmat Sangeet (Theory+Practical)	MAMUSE-205		3 Audio Production (Theory+Practical)	MAMUSE-405	

Fee Structure

1st Sem (with Reg.) 18340

1st Sem (with Cont.) 17020

2nd Semester 15800

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



M.A. Fine Art

The teaching program in the department is focused on quality results in both creative and research field which has been achieved by periodic updating of syllabi in accordance with the relevance and advancement of knowledge in the subject.

In India, the opportunities in the field of creative art and culture have witnessed multifold increase. Today, an art student seeks excellence in creative vision as well as perfection in the skills. To provide better access to its learners, the department has introduced M.A. The course will lead to quality research and valuable documentations of both traditional and contemporary art of India and the world and will prepare its learner as professional artists. A society cannot be visualized without its art and culture; it is the identity of a nation and its people. To contribute in the growth of the art and culture of a country is to contribute in the growth of a nation. An artist contributes by playing as a reformer, a savior, and a documenter. The students of the Department are already making their presence felt in the field of art at state and national levels through active participation in workshops, group and solo shows etc.

Specialization :DRAWING AND PAINTING

Eligibility Criteria :The candidate should be graduate in any discipline with 50% marks.

Admission will be purely on merit basis

Jobs Prospects :Freelancing as an independent artist. Art-designer in electronic media, print media, animation and computer aided designing, illustration, graphics etc..

Art director in TV and Cinema, Art-consultant in advertising, photography, photojournalism, Teaching etc.

Duration of Course: 2 Years (4 Semesters) Course Schedule

SEMESTER I			SEMESTER III		
Course Code	Title of Paper	Credits	Course Code	Title of Paper	Credits
MAFA-101	History of Indian Art	5	MAFA-301	Art and Cultural History of Europe	5
MAFA-102	Aesthetics and Principles of Art Appreciation	5	MAFA-302	Modern Movements In Art	5
MAFA-103	Landscape Painting	5	MAFA-303	Creative Composition	5
Elective			Elective		
MAFA-104	Portrait Painting or Composition	5	MAFA-304	Painting From Life or Creative Landscape Composition	5
Inter Disciplinary			Inter Disciplinary		
MAFA-105	Fundamental lab on word processing	3	MAFA-305	Software Lab Multimedia Application	3
MAFA-106	Seminar/Project work	2	MAFA-306	Seminar/Project work	2
SEMESTER II			SEMESTER IV		
MAFA-201	History of Indian Art upto 1850AD	5	MAFA-401	Art and Cultural History of Europe	5
MAFA-202	Aesthetics and Principles of Art Appreciation	5	MAFA-402	Modern Movements In Art	5
MAFA-203	Composition	5	MAFA-403	Creative Composition	5
Elective			Elective		
MAFA-204	Portrait Painting or Creative Landscape	5	MAFA-404	Painting From Life or Creative Landscape Composition	5
Inter Disciplinary			Inter Disciplinary		
MAFA-205	Art Psychology	5	MAFA-405	Software Lab Adobe Photoshop	3
MAFA-206	Seminar/Project work	2	MAFA-406	Seminar/Project work	2



Fee Structure

1st Sem (with Reg.) 18340

1st Sem (with Cont.) 17020

2nd Semester 15800

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M.A. Psychology

Psychology, as a science seeks to understand behaviour and mental processes and as a profession applies empirical knowledge to improve the lives of people. The core goal of psychology is to actualize the potential and optimize the functioning of an individual. Being a scientific discipline, it employs scientific procedure to penetrate deep into human behaviour. The ever growing field of psychology incorporates a plethora of sub-fields such as clinical psychology, organizational Behaviour, Media Psychology, Child Psychopathology, Counselling Psychology, Research Methodology, Personality Psychology Social Psychology etc. The Psychology Department is well equipped with latest tools to aid the study. The scope of psychology is ever widening as mental health issues are on the peak. The psychology post-graduate has ample opportunities- Child psychologist, Play Therapist, Counsellor, Child protection officer, Police psychologist, Forensic psychologist, HR Consultants, marriage and Family Therapist, Research Assistant etc

Eligibility criteria

The Candidate should be graduate in any discipline with 50% marks.

Admission will be purely on merit basis

Course Duration: 2 years (4 Semesters)

Duration of Course: 2 Years (4 Semesters) Course Schedule

Semester-I			Semester-III		
Course Code	Name of Paper	Credit	Course Code	Name of Paper	Credit
MAPSY 101	Systems and theories of Psychology	5	MAPSY 301	Personality Theories	5
MAPSY 102	Social Psychology	5	MAPSY 302	Psychometrics	5
MAPSY 103	Experimental Psychology	5	MAPSY 305	Practicals (Field training, practicals & Computers)	5
MAPSY 104	Research Methods and Statistics in Psychology	5	Elective Papers (Select any one)		5
MAPSY 105	Practical (Familiarization with Psychological Instruments, Field Studies & Computers)	5	MAPSY 303(i)	Life Span Development	
			MAPSY 303(ii)	Health Psychology	
			MAPSY 303(iii)	Positive Psychology	
			Elective Papers (Select any one)		5
			MAPSY 304(i)	Industrial Psychology	
			MAPSY 304(ii)	Clinical Psychology: Child Psychopathology	
			MAPSY 304(iii)	Intelligence & Creativity	
Semester-II			Semester-IV		
MAPSY 201	Cognitive Psychology	5	MAPSY 401	Personality Assessment	5
MAPSY 202	Physiological Psychology	5	MAPSY 402	Research Methodology	5
MAPSY 203	Experimental Designs in Psychology	5	MAPSY 405	Practicals (Personality and ability testing & Computers)	5
MAPSY 205	Practical (Cognitive Testing & Computers)	5	Elective Papers (Select any one)		5
			MAPSY 403(i)	Counseling Psychology	
			MAPSY 403(ii)	Psychology of Criminal Behaviour	
			MAPSY 403(iii)	Sports Psychology	
			Elective Paper (Select any one)		5
			MAPSY 404(i)	Media Psychology	
			MAPSY 404(ii)	Organizational Behaviour	
			MAPSY 404(iii)	Clinical Psychology: Adult Psychopathology	
			MAPSY 404(iv)	Behavioral Economics	



Fee Structure

1st Sem (with Reg.) 18340

1st Sem (with Cont.) 17020

2nd Semester 15800

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B.Sc. (Hons.) Agriculture

B. Sc. (Hons.) Agriculture is the acronym for the Bachelor of Science in Agriculture. The 10+2 Science stream (Medical & Non-Medical and Agriculture) qualified students, who have an interest in the sector of agriculture, may pursue this course as B.Sc. (Hons.) Agriculture. Since India is an agrarian country, this field will never run out of job opportunities. Bachelor of Science in Agriculture is a four years undergraduate degree program consisting of courses such as Agronomy, Horticulture, Plant Pathology, Entomology, Agricultural Economics, Extension Education, Genetics and Plant Breeding, Soil Science, Food Technology and Animal Husbandry.

Our course curriculum is designed on the basis of Indian Council of Agricultural Research (ICAR), in which last year with skill based education which includes Rural Agricultural Work Experience (RAWE) and practical crop production for skill development of the students in which they interact with farmers, Scientist and entrepreneurs through village attachment, experiential learning by industrial attachment, Krishi Vigyan Kendra (KVK) and visits to different Agricultural Universities of India.

Several government and private job opportunities may attract the graduates. Talking about government jobs, State Agriculture Departments recruits Graduates to fill up Officer level jobs like ADO, HDO, BDO, AOs, FOs, JE (Hort.) etc.. Government Banks also recruit graduates to fill up Officer level jobs and private sector like pesticide, insecticide, fertilizer and seed companies are also open for students.

Eligibility Criteria: The candidate should have passed 10+2 Science stream (Medical & Non-Medical) with at least 50% marks.

Duration of Course: 4 Years (8 Semesters) Course Schedule

Semester-I					
Agron -101	Introductory Agriculture	3(2+1)	Path -508	Mushroom Cultivation	4(3+1)
Agron -102	Introductory Agrometeorology	3(2+1)	Agron -509	Weed management	4(3+1)
Micro -103	Elementary Microbiology	4(3+1)	Semester-VI		
Soils -104	Introduction to Soil Science	4(3+1)	Hort-601	Spices and Plantation Crops	4(3+1)
Econ -105	Principles of Agricultural Economics	3(3+0)	Hort-602	Post Harvest Technology of Horticultural Crops	4(3+1)
Bot -106	Basic Botany	4(3+1)	Path-603	Diseases of Fruit and Vegetable Crops	4(3+1)
Math-106	Basic Maths-I	4(4+0)	Econ-604	Agricultural Marketing	4(3+1)
Eng -107	English Communication Skills	3(3+0)	Hort-605	Floriculture and Landscaping	4(3+1)
Pbi-108	Punjabi Compulsory/ Basic Punjabi	3(3+0)	Ento-606	Agricultural Pests and their Management	4(3+1)
Semester-II					
Agron -201	Water Management and Micro Irrigation	3(2+1)	Agron-607	Farming System and Sustainable Agriculture	3(2+1)
Extn -202	Dimensions of Agriculture Extension	4(3+1)	Agron-608	Silviculture and Agro-forestry	4(3+1)
Gpb -203	Principles of Genetics	4(3+1)	Hort-609	Protected Cultivation of Horticulture Crops	4(3+1)
Soils -204	Soil Chemistry, Soil Fertility and Nutrient management	4(3+1)	Bot-701	Principles of Plant Biotechnology	3(2+1)
Hort -205	Vegetable Production Technology	4(3+1)	Econ-702	Fundamentals of farm Business Management	3(2+1)
Comp -206	Introduction to Computer Application	4(3+1)	ELECTIVE COURSES		
Zol -207	Basic Zoology	3(2+1)	Agronomy		
Math -207	Basic Maths-II	4(4+0)	Agron.701	Principles of Agronomy	3(2+1)
EVS-208	Environmental Studies	2(2+0)	PCP.702	Practical Crop Production	3(1+2)
Pbi-209	Punjabi Compulsory	3(3+0)	Soil .702	Organic Farming and Soil Health	3(2+1)
Semester-III					
Agro -301	Principles of Agronomy- I (Kharif Crops)	4(3+1)	Agron.703	Modern Concept in Crop Production	3(3+0)
Bot -302	Crop Physiology	4(3+1)	Agron.704	Dry land Farming and Watershed Management	3(2+1)
Ent -303	Insect Morphology and Systematics	4(3+1)	Soil Science & Agricultural Chemistry		
Extn-304	Extension Methodologies and Communication Skills for Transfer of Technology	3(2+1)	Soil.701	Soil and Plant Analysis	3(2+1)
Agron -305	Farm Power and Machinery	4(3+1)	Soil .702	Organic Farming and Soil Health	3(2+1)
Soils -306	Manures and Fertilizers	4(3+1)	Soil .703	Management of Problematic Soil and Water	3(2+1)
Hort -307	Production Technology of Fruit Crops	4(3+1)	Soil .704	Introduction to Soil	3(2+1)
Soils -308	Soil Physics and Erosion Management	4(3+1)	PCP.702	Practical Crop Production	3(1+2)
Path -309	Introductory Plant Pathology	4(3+1)	Semester-IV		
Semester-IV					
Agron -401	Principles of Agronomy-II (Rabi Crops)	4(3+1)	Horticulture		
Econ -402	Production Economics, Farm Management and Agricultural Finance	4(3+1)	Hort.701	Introductory Horticulture	3(2+1)
Ento -403	Insect Ecology and Integrated Pest Management	4(3+1)	Hort.702	Commercial Fruit Production	3(2+1)
Zol -404	Livestock Production and Management	4(3+1)	Hort.703	Commercial Vegetable Production	3(2+1)
Bot -405	Principles of Seed Technology	4(3+1)	Hort.704	Commercial Floriculture Production	3(2+1)
Extn -406	Fundamentals of Rural Sociology and Educational Psychology	3(3+0)	PCP.702	Practical Crop Production	3(1+2)
Path-407	Diseases of Field Crops and their Management	4(3+1)	Semester-VIII		
Soils -408	Organic farming	4(3+1)	Rural Agricultural Work Experience (RAWE)		
Soils -409	Fundamentals of Soil and Water Conservation Engineering	4(3+1)	RAWE Model		
Semester -V					
Zol -501	Dairying	4(3+1)	Orientation		
Stat -502	Basic Statistics	3(3+0)	Village attachment		
Gpb -503	Plant Breeding	4(3+1)	Agri-clinics / Plant Health Clinics /Experiential leaning / Industrial Attachment/KVK/Visit to Agriculture University		
Zol -505	Economic Zoology and Fish culture	4(3+1)	Educational Tours		
Agron -506	Rainfed agriculture	4(3+1)	Project report preparation and examination		
Hort -507	Medicinal and aromatic plants	4(3+1)			

Fee Structure

1st Sem (with Reg.) 25590

2nd Semester 22350

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

B.Sc. (Hons.) Biotechnology

Biotechnology is a broad discipline in which biological systems (organism, cell, organelles or biomolecule) are exploited to develop products and technologies for the welfare of human beings. The field of biotechnology has contributed multi-directionally in addressing the various medical and environmental challenges facing the mankind. There is wide spread use of living systems for the development of process and technology for the betterment of mankind. A lot of significant developments in biotechnology sector have witnessed emerging trends in biopharma, agriculture, environmental and medical biotechnology for the development of society. According to the analysis of Indian Biotechnology industry is expected to reach Rs. 4,40,000 Crore in 2020. So for growth trained and skilled manpower is required. To fulfill the need of industry and research & development sector College is successfully running under graduate courses B.Sc. (Hons.) The course shall be spread over three academic years (B.Sc. Part-I, II and III) and six semesters. Each part shall consist of two semesters

Eligibility Criteria:

The students who have passed +2 examinations from a statutory University/ Board or any other examination equivalent in science stream (Medical/Non Medical) with 45% marks are eligible for the admission.

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I			Semester-V		
Course Code	Name of Papers	Credits	Course Code	Name of Papers	Credits
BSHBT(C1-101)	Biochemistry and Metabolism	4	BSHBT(C11-501)	Bioprocess Technology	4
BSHBT(C1-102)	Cell Biology	4	BSHBT(C12-501)	Recombinant DNA Technology	4
BSHBT PBI 2001-2/2A(AECC1-103)	Punjabi/Basic Punjabi	4	BSHBT(DSE 1-503)	Discipline Specific Elective	4
BSHBT(GE1-104)**General Elective			BSHBT(DSE 2-504)	Discipline Specific Elective	4
Chemistry/Botany/Zoology		4	BSHBT(GE-5)**	General Elective:	
				Chemistry/Botany/Zoology	4
Semester-II			Semester-VI		
BSHBT(C3-201)	Plant Physiology	4	BSHBT(C13-601)	Bioanalytical tools	4
BSHBT(C4-202)	General Microbiology	4	BSHBT(C14-602)	Genomics and Proteomics	4
BSHBT ENG 1002	AECC (204A) English	4	BSHBT(DSE3-603)	Discipline Specific Elective	4
	Communication Skill		BSHBT(DSE4-604)	Discipline Specific Elective	4
BSHBT EVS 3001(AECC2 204B)			BSHBT(GE6-605) **	General Elective	4
	Environment and road safety awareness	2		Chemistry/Botany/Zoology	
BSHBT (GE-2 205) **General Elective:		4			
	Chemistry/Botany/Zoology				
BSHBT 4001(Q. 206)Drug Abuse : Problems , Management		2			
	and preventions.				
Semester-III					
BSHBT(C5-301)	Genetics	4			
BSHBT(C6-302)	Fundamentals of Fermentation	4			
BSHBT(C7-303)	Plant Biotechnology	4			
BSHBT(SEC1-304)	Industrial Fermentation/Moleculer				
	Diagnostic	2			
BSHBT(GE 3-305) **General Elective:		4			
	Chemistry/Botany/Zoology				
Semester-IV					
BSHBT (C8-401)	Molecular Biology	4			
BSHBT (C9-402)	Immunology	4			
BSHBT (C10-403)	Biophysics	4			
BSHBT(SEC-2-404)	Enzymology/				
	Basics in Forensic Science.	4			
BSHBT(GE4-405)**General Elective:		4			
	Chemistry/Botany/Zoology				

**General Elective-students can select one paper from option Chemistry/Botany/Zoology as one elective option.



Fee Structure

1st Sem (with Reg.) 18840

2nd Semester 16600

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Sc. (Hons.) Botany

Bachelor of Science in Botany (Hons.) is a three year under graduate program. Botany the Study of plant life, an integral part of Biology, aims to understand the behavior, structure and evolution of plants, using a wide range of approaches, from genes, to molecular and cellular biology, through physiological processes and anatomy, to whole plants, populations and their ecology. Botany as a subject is related to the study of plants. When planning a career in Botany, the job profile can include study of plants, research, working with industries, teaching, self-employment, and being a part of many more field. Students of Botany have great promising career in fields like Forest departments, Horticulture, Pollution control board, Floriculture and landscaping, Environment, Nursery and gardening, Agriculture and Mushroom Culture technology. The Main Aim is to pursue a mantra of holistic development of the student, inculcating scientific temper, providing an enriched academic environment that promotes intellectual curiosity leading to the thirst for scientific knowledge, ensuing practical and analytical approach. Botany is best subject option for the aspirants of prestigious posts such as Indian Forest Services (IFS) and Indian Administrative Services (IAS).

ELIGIBILITY CRITERIA

The Candidate Should have passed +2 Medical with at least 50% marks. The admission will be made purely on Merit basis. Syllabus is designed strictly according to UGC regulation and Choice Based Credit System

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester I			Semester IV		
Code	Title of Paper	Credits	Code	Title of Paper	Credits
Core course I:	Phycology and microbiology	4+2	Core Course VIII	Molecular Biology	4+2
Core course II :	Biomolecules and cell Biology	4+2	Core Course IX	Ecology	4+2
Ability enhancement	Compulsory course:		Core Course X	Plant Systematics	4+2
	Environment and Road Safety		Skill Enhancement	Nursery and Gardening	2
Generic Elective I:	Plant Ecology and Taxonomy	4+2	Generic Elective IV	Biodiversity (Microbes, Algae, Fungi and Archegoniate)	4+2
	Language/MIL/Punjabi				
Semester II			Semester V		
Core course III:	Mycology and Phytopathology	4+2	Core course XI	Reproductive Biology of Angiosperms	4+2
Core course IV :	Archegoniate	4+2	Core course XII	Plant Physiology	4+2
Generic Elective II:	Economic Botany and Biotechnology	4+2	DSE I	Research Methodology	4+2
	Ability enhancement		DSE II	Plant Breeding	4+2
Technical Writing and	Communication Skills English		Semester VI		
Qualifying	Drug Abuse		Core course XIII	Plant Metabolism	4+2
			Core course XIV	Plant Biotechnology	4+2
Semester III			DSE II	Bioinformatics	4+2
Core Course V	Morphology and Anatomy of Angiosperms	4+2	DSE IV	Project/Dissertation	4+2
Core Course VI	Economic Botany	4+2			
Core Course VII	Genetics	4+2			
Skill Enhancement	Mushroom cultivation	2			
Generic Elective-III	Plant Anatomy and Embryology	4+2			



Fee Structure

1st Sem (with Reg.) 18840

2nd Semester 16600

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Sc. (Hons.) Mathematics

The Course of B.Sc. Honours Mathematics is valuable one that provides opportunities to the candidates o taking some of the subjects of master's degree. B.Sc. (Hons.) Mathematics degree serves as a basic for further higher studies in this field such as M.Sc., Ph.D. and M.Phil. Degree in Mathematics, the successful completion o which makes one eligible for the post of a lecturer in any university college. After Completing B.Sc. (Hons. Mathematics, one can do post graduation in Mathematics/Applied Mathematics/ Statistics and many job opportunities open up in statistics, mathematical, modelling, cryptography, Computer science etc.

Course Duration: 3 Year (6 Semester)

Eligibility Criteria: The candidate should have passed 10+2 with Mathematics as elective subject obtaining at least 50% marks. The admission will be purely on merit basis

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I		
Course Code	Name of Paper	Credits
BSHMATCC- 101	Matrices and Theory of Equations	5+1
BSHMATCC- 102	Calculus –I	4
BSHMATCC- 102 (A)	Calculus-I (Lab)	2
EVS-3001	Environmental Science	2
PBI 2001-2	Punjabi	4
PBI 2001-2 A	Basic Punjabi	4
Choose any one of the following		
BPHGE 1	Physics-I	4
BPHGE 1(P)	Lab	2
UGCS 1901	Computer Fundamentals	4
Software Lab based on Office Automation Tool		
BSHCHE-GE I	Chemistry	4
BSHCHE-GE I Lab	Chemistry	2
BSHMATGEI 105 E(i)	Statistical Methods-I	4
BSHMATGEI05 (A)E(i)	Statistical Methods-I	2
Semester-II		
BSHMATCC- 201	Co-ordinate Geometry	5+1
BSHMATCC- 202	Calculus-II	4
BSHMATCC- 202(A)	Calculus-II (Lab)	2
ENG 1002 AECC	English Communication Skills	4
Choose any one of the following		
BPHGE 2	Physics-II	4
BPHGE 2(P)	Lab	2
UGCS 1902	Computer Programming using C	4
Lab based on Computer Programming using		
BSHCHE-GE II	Chemistry	4
BSHCHE-GE II Lab	Chemistry	2
BSHMATGE(S)-205	Statistical Methods-II	4
BSHMATGE(S)-205(A)	Statistical Methods-II	2
Semester-III		
BSHMATCC- 301	Number Theory –I	5+1
BSHMATCC- 302	Analysis-I	5+1
BSHMATCC- 303	Ordinary Differential Equations	5+1
BSHMATSEC-304	Graph Theory	2
DA-4001	Drug Abuse Qualifying	
Choose any one of the following		
BPHGE 3	Physics-III4	
BPHGE3(P)	Lab	2
UGCS1903	Data Structure	4
Lab based on Data Structure		
BSHMATGE-305E(i)	Applied Statistics	4
BSHMATGE -305(A)E(i)	Practical of Applied Statistics	2

Semester-IV		
Course Code	Name of Paper	Credits
BSHMATCC-401	Analysis-II	5+1
BSHMATCC -402	Group Theory	5+1
BSHMATCC – 403	Numerical Methods	5+1
BSHMATSEC-404	Vector Spaces	2
Choose any one of the following		
BPHGE 4	Physics-IV	4
BPHGE4(P)	Lab	2
UGCS1904	Data Based Management System	4
Lab Based on Data Based Management System		
BSHMATGE-405E(i)	Linear Programming	4
BSHMATGE(S)- 405 (A) E(i)	Practical of Linear Programming 2	
Semester V		
BSHMATCC- 501	Advanced Group Theory and Rings	5+ 1
BSHMATCC- 502	Complex Analysis-I	5+ 1
Choose any two of the following		
BSHMATDSE- 503	Number Theory-II	5+ 1
BSHMATDSE- 504	Probability and Statistics	5+ 1
BSHMATDSE- 505	Some Special Functions	5+ 1

Semester-VI		
Course Code	Name of Paper	Credits
BSHMATCC- 601	Calculus of several variables and Improper Integrals	5+1
BSHMATCC- 602	Partial Differential equation and Its applications	5+1
Choose any two of the following		
BSHMATDSE- 603	Linear Algebra	5+1
BSHMATDSE- 604	Discrete Mathematics	5+1
BSHMATDSE- 605	Mechanics	5+1



Fee Structure

1st Sem (with Reg.) 16140

2nd Semester 14200

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Sc. (Hons.) Physics

Physics is branch of Science which explains natural Phenomena in the Universe. It the Universe. It is often considered to be the most fundamental science. It provided a basis for all other sciences. It is concerned with the properties of matter and energy and relationships between them. It is based on mathematics and traditionally includes mechanics, optics, electricity and magnetism, acoustics and heat. Modern physics, based on quantum theory, includes atomic, nuclear, particle and solid state studies. Physics also makes significant contributions through advances in new technologies such as television, computers, domestic appliances, and nuclear weapons. This course will make students capable of exploring available opportunities in the area of Physics, industry and research. The degree of B.Sc. (Honours) physics (CBCS) consists of total 142 credits.

Eligibility Criteria: The candidate should have passed 10+2 Non Medical with at least 50% marks. Candidates who are awarded grades shall be required to produce conversion formula for converting the scored grades into percentage of marks. The medium of instructions and examinations is in English.

Admission Procedure: The admission will be purely on merit basis.

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I			Semester-V		
Course Code	Name of Paper	Credits	Course Code	Name of Paper	Credits
Ability Enhancement	Compulsory Course-I		Core Course-V	Mathematical Physics II	4
English/MIL	communications/ Environmental Sciences	2	Core Course-V	Practical/Tutorial Physics Lab/Tutorial	2
Core Course-I	Mathematical Physics-I	4	Core Course-VI	Digital Systems and Applications	4
Core Course-I	Practical/Tutorial Mathematical Physics-I	2	Core Course-VI	Practical/Tutorial Physics Lab/Tutorial	2
Core Course-II	Mechanics	4	Discipline Specific Elective DSE I		4
Core Course-II	Practical/Tutorial Mechanics	2	Discipline Specific Elective DSE II Lab/Tutorial		2
Generic Elective-I	GE-I	4/5	Discipline Specific Elective DSE II		4
Compulsory Course	Drug abuse		Discipline Specific Elective-Practical/Tutorial DSEII Lab/Tutorial		2
Semester II			Semester-VI		
Ability Enhancement	Compulsory Course-II		Core Course-V	Mathematical Physics III	4
English/MIL	communications/Environmental Science	2	Core Course-V	Practical/Tutorial Physics Lab/Tutorial	2
Core Course-III	Electricity and Magnetism	4	Core Course-VI	Analog System and Applications	4
Core Course-IV	Practical/Tutorial Electricity and Magnetism	2	Core Course-VI	Practical/Tutorial Physics Lab/Tutorial	2
Core Course-IV	Waves and Optics	4	Discipline Specific Elective DSE-III		4
Core Course-V	Practical/Tutorial Waves and optics	2	Discipline Specific Elective Practical/Tutorial DSE-III Lab/Tutorial		2
Generic Elective-II	GE-II	4/5	Discipline Specific Elective DSE IV		4
Generic Elective-II	Practical/Tutorial GE-II	2/1	Discipline Specific Elective Practical/Tutorial DSE IV Lab/Tutorial		2
Semester-III					
Core Course -V	Lasers	4			
Core Course-V	Practical/Tutorial Physics Lab/Tutorial	2			
Core Course-VI	Solid State Physics-I	4			
Core Course-VI	Practical/Tutorial Physics Lab/Tutorial	2			
Core Course-VII	Statistical Physics and Thermodynamics	4			
Core Course-VII	Practical/Tutorial Physics Lab/Tutorial	2			
Skill Enhancement	Course -I Sec-I	2			
Generic Elective-III	GE-III	4/5			
Generic Elective-III	Practical/Tutorial GE-III	2/1			
Semester IV					
Core Course-VIII	Solid State Physics-II	4			
Core Course-VIII	Practical/Tutorial Physics Lab Tutorial	2			
Core Course-IX	Quantum Mechanics	4			
Core Course-IX	Practical/ Tutorial Physics Lab/Tutorial	2			
Core Course-X	Spectroscopy	4			
Core Course-X	Practical/Tutorial Physics Lab/Tutorial	2			
Skill Enhancement	Course-II SEC-II	2			
Generic Elective-IV	GE-IV	4/5			
Generic Elective-IV	Practical/Tutorial GE-IV	2/1			

Fee Structure

1st Sem (with Reg.) 18840

2nd Semester 16600

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.



B.Sc. (Hons.) Zoology

Graduation in Zoology is an academic as well as professional program which focuses on the studies related to animals. It mainly includes the scientific study of all aspects of animals, their structure, physiology, classification, function, ecology and evolution. The course content is designed to accommodate the widening horizons of zoology and emphasis is on practical exercises so that students are exposed to hand on experiences of the latest bio techniques. The college makes every attempt to provide a wide array of extra-curricular activities and are encouraged to participate in stimulation activities. After completing the course candidates have tremendous opportunities for higher studies in basic zoology or with its applied branches like animal biotechnology, entomology, parasitology, immunology, microbiology, pathology, endocrinology, limnology, environment studies, animal behavior, anthropology, forensics and animal genetics etc. The graduates in Zoology have various employment opportunities in India as well as abroad. They can apply for job in veterinary firms, research projects, wild life services, pharmaceutical industries, environmental consultancies, aqua culture and animal nutrition companies, science museums and can also pursue their career in teaching profession. Besides they can apply for various technical jobs offered through Government agencies like SSC, State PSC etc. Since Zoology is the vast field of life Sciences, the option of zoology as an elective subject for competitive examinations conducted for many administrative services like Indian Civil Services, Indian Forest Services is highly rewarding.

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester I		Credits	Semester IV		Credits
Code	Title of Paper		Code	Title of Paper	
CC-I	Non Chordates I: Protista to Pseudocoelomates	4+2	CC VIII	Comparative Anatomy of Vertebrates	4+2
CC-II	Principles of Ecology	4+2	CC IX	Animal Physiology: Life Sustaining Systems	4+2
GE-I	Generic-I	4+2	CC X	Biochemistry of Metabolic Processes	4+2
AECC-I/MIL	Punjabi	2	Generic elective-IV (Choose any one)		2
AECC-II	EVS	2	SEC II	Apiculture Medical Diagnostics Scientific Writing	
Semester II		Credits	Semester V		Credits
Code	Title of Paper		Code	Title of Paper	
CC-III	Non Chordates II Coelomates	4+2	CC-XI	Fundamentals of Molecular Biology	4+2
CC-IV	Cell Biology	4+2	CC -XII	Principles of Genetics	4+2
GE-II	Generic elective-II	4+2	DSE	(Choose any two)	4+2
AECC-III	English	2	• Fundamentals of Entomology		
Drug Abuse (Qualifying Paper)			• Immunology		
Semester III		Credits	• Research Methodology		
Code	Title of Paper		• Parasitology		
CCV	Diversity of Chordata	4+2	• Wild Life Conservation and Management		
CCVI	Animal Physiology: Controlling and Co-ordinating systems	4+2	Semester VI		
CCVII	Fundamentals of Biochemistry	4+2	CC-XIII	Developmental Biology	4+2
Generic elective-II			CC-XIV	Evolutionary Biology	4+2
SEC I	(Choose any one)	2	DSE	(Choose any two)	4+2
Opt-I	Aquarium Fish Keeping		• Economic Entomology and Pest Management		
Opt-II	Biotechniques		• Fish and Fisheries		
Opt-III	Vermicompost Technology		• Animal Biotechnology		
			• Animal Behavior and Chronobiology		
			• *Dissertation		



Fee Structure

1st Sem (with Reg.) 18840

2nd Semester 16600 (20th Nov. 15th Dec.)

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Sc. (Hons.) Forensic Science

The Universal Declaration of Human Rights directs the member nations to create such conditions under which the ideals of free human beings, enjoying civil and political freedom from fear and want, can be achieved. In a country like India, where majority of population is uneducated, social set up is heterogeneous, public-police relations are not very cordial, poverty is rampant and unemployment widespread, it is not surprising that crime rate is increasing exponentially. If we have to create conditions conducive to harmonious development, we must mitigate the crime rate. This can best be achieved by relying on the support of forensic science system. Unfortunately, in our country, forensic science is not viewed as a core investigative skill in crime detection. In fact, there is a lack of understanding of the forensic process itself. It is for this reason that less than 10% of the police cases are, at present, being referred for forensic examination. Less than 5% are solved by the application of forensic science. The rest are solved by third degree method – a practice which the human rights organizations will not allow in days to come. It is with this aim that we wish to initiate a B.Sc. (Hons) Course in Forensic Science to emphasize the importance of scientific methods in crime detection and disseminate information on the advancements in the field of forensic science. To full fill the requirement college has started the B.Sc. (Hons) in Forensic Science . This course shall be spread in three years (6th semester).

The candidates who have passed 10+2 examination in Science stream (Medical & Non-Medical) are eligible. Minimum eligibility requirement for the admission in First semester is 45% marks in the 10+2 examination

Course duration 3 years (6th Semster)

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I		
Code	Title of Paper	Credits
101	Introduction to Forensic Science	4
102	Crime and Society	4
103	English communication Skill	2
104	General Elective course	4
Semester-II		
201	Criminal Law	4
202	Forensic Psychology	4
203	Punjabi	2
204	Environment and road safety	2
205	General Elective course	4

Note: Subjects can be revised as per the instructions of BOS



Fee Structure

1st Sem (with Reg.) 18840

2nd Semester 16600

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Bachelor of Business Administration (BBA)

The Bachelor of Business Administration (BBA) is a unique multi disciplinary programme designed for ambitious students who want to acquire the skills and knowledge needed to shape their career in the field of Business Management and Corporate Sector. The BBA Programme focuses on skill and knowledge required to maximize the potential of students so that they can exploit Opportunities in the management profession. The Programme covers a wide range of topics such as business management, planning, marketing, finance, entrepreneurship and business communication etc. The program helps the students to enhance their understanding of business fundamentals through applied management concepts and research. Summer training and industrial training are essential part of BBA Programme. The main objective of these trainings is to provide on the job experience to the students to give them exposure to corporate environment.

Eligibility Criteria : 10+2 Any Stream

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I		Title of Paper
Code		
AECC I	EVS-3001	Environment and Road Safety Awareness
AECC II	PBI-2001	PBI-2001(A) Punjabi Compulsory or Basic Punjabi
Core-I	BBA-102	Business Environment
Core II	BBA-103	Theory and Practices of Management
GE	BBA-104	Any one from the List of Generic Electives
SEC-I	BBA-105	Workshop on Computer Applications
AECC I	PBI-2002	
Semester-II		Title of Paper
PBI-2002(A)		Punjabi Compulsory or Basic Punjabi
Core I	BBA-202	Business Economics-I
Core II	BBA-203	Business Accounting
GE	BBA-204	Any one from the List of Generic Electives
AECC II	ENG1001	Business Communication
SEC-II	BBA-206	Viva-Voce
• DA-4001 - Drug abuse problem, management and prevention (Qualifying Paper)		
Semester-III		Title of Paper
Core I	BBA-301	Business Economics-II
Core II	BBA-302	Principles of Marketing Management
Core III	BBA-303	Principles of Human Resource Management
GE	BBA-304	Any one from the List of Generic Electives
SEC-I	BBA-305	Workshop on Personality Development
SEC-II	BBA-306	Seminar on Business Environment
Semester-IV		Title of Paper
Core I	BBA-401	Business Research Methods
Core II	BBA-402	Strategic Management
Core III	BBA-403	Organisational Behaviour
GE	BBA-404	Any one from the List of Generic Electives
DSE	BBA-405	Any one from the List of Discipline Specific Electives
SEC-I	BBA-406	Workshop on internet and E- Commerce
SEC-II	BBA-407	Seminar on Time Management
Semester-V		Title of Paper
Core I	BBA-501	Financial Management
Core II	BBA-502	Business Law
DSE I	BBA-503	Any one from the List of Discipline Specific Electives
DSE II	BBA-504	Any one from the List of Discipline Specific Electives
DSE III	BBA-505	Any one from the List of Discipline Specific Electives
SEC-I	BBA-506	Seminar & Report on Summer Training
Semester-VI		Title of Paper
Core I	BBA-601	Financial Institution and Markets
Core II	BBA-602	E-Business
DSE I	BBA-603	Any one from the List of Discipline Specific Electives
DSE II	BBA-604	Project Report and Seminar on Project Report
SEC-I	BBA-605	Viva-Voce on Project Report



Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15550

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Sc. Artificial Intelligence and Data Science

This Under Graduate degree course combines two important areas of computing : Data science and Artificial Intelligence. Data Science concerns with statistical techniques and Artificial Intelligence concerns with Algorithmic techniques. To Develop any Intelligent system, one need to have expertise in both the areas. These two areas are in high demand in the I.T. industry. Data Science and Artificial Intelligence jobs are amongst the best paid in the IT sector. This course prepares the students into qualified data science and Artificial Intelligence specialists in this fast growing IT sector. This Under Graduate degree course combines two important areas of computing: data science and artificial intelligence. Data Science concerns with statistical techniques and Artificial Intelligence concerns with Algorithmic techniques. To Develop any Intelligent system, one need to have expertise in both the areas. These two areas are in high demand in the I.T. industry. Data Science and Artificial Intelligence jobs are amongst the best paid in the IT sector. This course prepares the students into qualified data science and Artificial Intelligence specialists in this fast growing IT sector.

Eligibility Criteria: 10+2 examination with 50% marks (45% marks for SC/ST and differently-abled persons) in any stream with Mathematic/Statistics as compulsory subject

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I

Course Code	Type Of Paper	Name of Subject
PBI 2001	AECC	Punjabi Compulsory/
PBI 2001A		Punjabi (Mudla Gyan)
BSCHAI-102	CC	Computer Oriented Numerical & Statistical Methods
BSCHAI -103	CC	Fundamentals of Information Technology
BSCHAI -104	CC	Programming using C Language
BSCHAI-104(P)		Software Lab – I
BSCHAI -105	SEC	Software Lab – II (Open OFFICE)

Semester-II

ENGI003 AECC	English(Communication Skills)	
BSCHAI-202	GE	GE- I
BSCHAI -203	CC	Object Oriented Programming using 'C++'
BSCHAI-203(P)		Software Lab – III
BSCHAI -204	CC	Introduction to Artificial Intelligence and Data Science
BSCHAI -204(P)		Software Lab – IV
EVS 3001	AECC	Environment and Road Safety Awareness

*General Elective-I:

BSCHAI-202GE1	Mathematics
BSCHAI-202GE2	Basic Electronics

Note: Subjects can be changed as per recommendation of board of study



Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Bachelor of Computer Application (BCA)

Fast growing Information Technology and communication systems have become critical components of almost every organization's strategic plan. Organizations which want to take advantage of the new information technologies and communication systems require expert professionals, who can apply computer science principles to solve problems produced by the interface between business and technology. BCA Course is an undergraduate program where students are exposed to various areas of computer applications including the latest developments in the industry. BCA graduates can start up their career in either Government sector or private sector since there are a lot of employment opportunities in both these sectors. This course develops you to pursue your career as Computer Programmer, System Analyst, Testing Engineer, Technical Writer, System Administrator, Database Administrator, Website Developer, Mobile Application Developer etc.

Eligibility Criteria: 10+2 in any stream.

Duration of Course: 3 Years (6 Semesters) Course Schedule

Semester-I			Semester-V		
Code	Type Of Paper	Name of Subject	Code	Name of Subject	
ENG1002	AECC	English(Communication Skills)	BCA-501	*Elective	
BCA-102	CC	Computer System Architecture	BCA-502	*Foundation Course	
BCA-103	CC	Fundamentals of Information Technology	BCA-503	Operating System	
BCA-104	CC	Web Designing using HTML and DHTML	BCA-504	Software Engineering	
BCA-104(P)		Software Lab – I	BCA-505	Web Development using ASP .NET	
BCA-105	SEC	Software Lab – II (Open OFFICE)	BCA-506	Software Lab – IX(based on paper BCA-501)	
		Semester-II	BCA-507	Software Lab –X (based on paper BCA-505)	
PBI 2001	AECC	Punjabi Compulsory/ Punjabi(Mudla Gyan)		*Elective I: Any one of the following papers:	
PBI 2001 A				1. BCA-501 E1 Relational Database Management System	
BCA-202 GE	GE-I	Programming Fundamentals using 'C'		2. BCA-501 E2 Digital Marketing	
BCA-203 CC		Software Lab – III		**Foundation I:	
BCA-203(P)		Web Designing using Advanced CSS and scripting languages		1. BCA-502 F1 Artificial Intelligence	
BCA-204 CC		Software Lab – IV		2. BCA-502 F2 System Software	
BCA-204(P)		Environment and Road Safety Awareness		Semester-VI	
EVS 3001 AECC		Semester-III		*Elective -I	
		*Elective	BCA-601	*Foundation Course	
		*Foundation Course	BCA-602	Computer Graphics	
BCA-301		Computer Networks	BCA-603	Web Development using PHP	
BCA-302		Programming Using C++	BCA-604	Project	
BCA-303		Data Structures	BCA-605	Software Lab – X (Based on paper BCA- 603)	
BCA-304		Software Lab –V (based on paper BCA-304: C++)	BCA-606	Software Lab – XI (based on paper BCA-604)	
BCA-305		Software Lab –VI (based on paper BCA- 305: Data Structures)	BCA-607	*Elective I: Any one of the following papers:	
BCA-307				BCA-601 E1 Information Security and Cyber Laws	
		*Elective I: Any one of the following papers:		BCA-601 E2 System Analysis and Design	
BCA-301 E1		Linux Administration		**Foundation I:	
BCA-301 E2		Multimedia		BCA-602 F1 Content Management System	
**Foundation I: Any one of the following papers:				BCA-602 F2 Date Warehouse	
BCA-302 F1		E-Commerce			
BCA-302 F2		Fundamentals of Accounting			
		Semester-IV			
BCA-401		*Elective			
BCA-402		*Foundation Course			
BCA-403		Programming using Python			
BCA-404		Programming in JAVA			
BCA-405		Environment and Road Safety Awareness			
BCA-406		Quantitative and Logical Aptitude			
BCA-407		Software Lab –VII (based on paper BCA-404: JAVA)			
BCA-408		Software Lab –VIII(based on BCA-403)			
		*Elective I: Any one of the following papers:			
1.	BCA-401 E1	Digital Electronics			
2.	BCA-401 E2	Microprocessors			
		**Foundation I: Any one of the following papers:			
1.	BCA-402 F1	Mathematics			
2.	BCA-402 F2	Statistical Methods			

Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15550

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Com. (Accounting and Finance)

The field of Accounting and Finance is offering a lot of opportunities for commerce students. It would be an added advantage if students get specialized course meant for this field. P.G. Department of Commerce is offering B.Com (Accounting & Finance) since 2010-11

Eligibility Criteria

Course Duration-3 years (6 Semesters)

- Atleast 40% marks in aggregate in case of student who has passed 10+2 with commerce group or
- Atleast 45% marks in aggregate in case of student who has passed 10+2 in humanities group with at least two out of following subjects
Commerce/Accounts/ Math/ Economics/ Management or
- Atleast 50% marks in aggregate in case of student who have passed 10+2 but not covered under (a) and (b) above: Or
- Student who opt for any one of the following vocational subjects should have passed 10+2 examination from Punjab School Education board or any other examination recognized as equivalent thereto with at least 50% marks:
 - Office managements and Secretarial practice
 - Principles and practices of insurance
 - Tax Procedure and practice

Paper Code	Name of Paper	Credit
Semester-I		
EVS 3001	Environment and Road Safety Awareness	2
FA 102	Financial Accounting	5
BL 103	Business Law	5
ME 104	Micro Economics	5
PBI (BCHF) -2001 /2001-A	Punjabi / Basic Punjabi	5
Semester-II		
CAS 201	Computerised Accounting System	4
CL 202	Corporate Law	5
BAF 203	Management Principles	5
ME 204	Macro Economics	5
ENG 1001	Business Communication	4
• Qualifying Paper : DA 4001: Drug Abuse: Problems, Management and Preventions 50 Marks		
Semester-III		
BAF 301	Corporate Accounting	5
ITLP 302	Income Tax Laws And Practices	5
BAF 303	Financial Management	5
EC 304	E-Commerce	5
BAF 305	Seminar (Based on Summer Training)	3
Semester-IV		
BAF 401	Accounting Theory	5
BAF 402	Indirect Tax Laws	5
BAF 403	Indian Financial System	5
BAF 404	Accounting for Management	5
BAF 405	Business Mathematics and Statistics	5
BAF 406	Viva-voce (Based on Summer Training report and whole Syllabus of Semester III & IV)	2
Semester-V		
BAF 501	Cost Accounting	5
BAF 502	Corporate Tax Planning	5
BAF 503	Financial Services	5
BAF 504	Research Methodology & Statistical Techniques	5
BAF 505	Project Planning and Control	5
Semester-VI		
ACG 601	Auditing and Corporate Governance	5
BAF 602	Security Analysis and Portfolio Management	5
BAF 603	Corporate Financial Accounting	5
BAF 604	Strategic Cost Accounting	5
BAF 605	Company Law	5



Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15500

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

B.Com (Hons.)

Post Graduate department of commerce is running Bachelor of Commerce (Hons) Successfully since 2015-16. Pedagogy used in this course involves use of case studies, seminars and presentations to equip the students with practical knowledge.

Eligibility Criteria

Course Duration-3 years (6 Semesters)

- Atleast 40% marks in aggregate in case of student who has passed 10+2 with commerce group or
- Atleast 45% marks in aggregate in case of student who has passed 10+2 in humanities group with at least two out of following subjects Commerce/Accounts/ Math/ Economics/ Management or
- Atleast 50% marks in aggregate in case of student who have passed 10+2 but not covered under (a) and (b) above: Or
- Student who opt for any one of the following vocational subjects should have passed 10+2 examination from Punjab School Education board or any other examination recognized as equivalent thereto with at least 50% marks:
 - Office managements and Secretarial practice
 - Principles and practices of insurance
 - Tax Procedure and practice

Semester-I

Paper Code	Name of Paper	Credit
EVS 3001	Environment and Road Safety Awareness	2
FA- 102	Financial Accounting	5
BL- 103	Business Law	5
ME 104	Micro Economics	5
PBI (BCHF) 2001 / 2001A	Punjabi/Basic Punjabi	5

Semester-II

CAS- 201	Computerised Accounting System	4
CL- 202	Corporate Law	5
BCH-203	Corporate Accounting	5
ME 204	Macro Economics	5
ENG 1001	Business Communication	4
• Qualifying Paper : DA 4001: Drug Abuse: Problems, Management and Preventions 50 Marks		

Semester-III

BCH- 301	Human Resource Management	5
ITLP- 302	Income Tax Law and Practice	5
BCH- 303	Management Principles and Applications	5
EC- 304	E-Commerce	4
BCH- 305	Business Statistics	5

Semester-IV

UGCS 1925	Computer Applications in Business	5
BCH- 402	Business Mathematics	5
CA- 403	Cost Accounting	5
BCH- 404	Indian Economy	5
BCH-405	Entrepreneurship	4

Semester-V

BCH-501	Principles of Marketing	6
BCH-502	Fundamentals of Financial Management	6
BCH-503	DSE-1	5
BCH-504	DSE-2	5
BCH-505	DSE-3	5

Discipline Specific Elective I, II and III will be Selected from following Group-B

- Management Accounting
- Corporate Tax Planning
- Advertising
- Banking and Insurance
- Computerised Accounting System
- Financial Markets, Institutions and Financial Services

Semester-VI

ACG-601	Auditing and Corporate Governance	6
BCH-602	Indirect Tax Law	6
BCH-603	DSE-4	5
BCH-604	DSE-5	5
BCH-605	DSE-6	5

Discipline Specific Elective 4, 5 and 6 will be Selected from following Group A

- Fundamentals of Investment
- Consumer Affairs and Customer Care
- Business Tax Procedures and Management
- International Business
- Industrial Relations and Labour Laws
- Business Research Methods

Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.Com

Post graduate Department of Commerce is running Bachelor of Commerce successfully since 1990-91. Pedagogy used in this course involves use of case studies, seminars and presentations to equip the students with practical knowledge.

Eligibility Criteria

Course Duration-3 years (6 Semesters)

- Atleast 40% marks in aggregate in case of student who has passed 10+2 with commerce group or
- Atleast 45% marks in aggregate in case of student who has passed 10+2 in humanities group with at least two out of following subjects Commerce/Accounts/ Math/ Economics/ Management or
- Atleast 50% marks in aggregate in case of student who have passed 10+2 but not covered under (a) and (b) above: Or
- Student who opt for any one of the following vocational subjects should have passed 10+2 examination from Punjab School Education board or any other examination recognized as equivalent thereto with at least 50% marks:
 - Office managements and Secretarial practice
 - Principles and practices of insurance
 - Tax Procedure and practice

Semester-I

EVS 3001	Environment & Road Safety Awareness	2
FA 102	Financial Accounting	5
BC 103	Business Organisation and Management	5
PBI 2001 / PBI 2001A	Punjabi / Basic Punjabi	5
ENG-1004	English	5

Semester-II

ENG 1002	English (Communication Skills)	4
BC 202	Business Law	5
BC 203	Business Mathematics & statistics	5
PBI 2002 / PBI 2002 - A	Punjabi / Basic Punjabi	5
• Qualifying Paper : DA 4001: Drug Abuse: Problems, Management and Preventions 50 Marks		

Semester-III

BC 301	Company Law	5
ITLP 302	Income Tax Law And Practice	5
BC 303 / BC 303-A	Punjabi / Basic Punjabi	5
UGCS 1925	Computer Applications in Business	4

Semester-IV

ENG 1008	Business Communication (English)	5
BC 402	Corporate Accounting	5
CA 403	Cost Accounting	5
BC 404	E-Commerce	4
BC 405 / BC 405 - A	Punjabi / Basic Punjabi	5

Semester-V

BC501	Any one the following	5
	(a) Human Resource Management	
BCH501	(b) Principles of Marketing	
	(c) Auditing and Corporate Governance	
	(d) Indian Financial System	
BC502	Any one of the following	5
	(a) Fundamentals of Financial Management	
	(b) International Business	
	(c) Office Management and Secretarial Practice	
	(d) Money & Banking	

BC 503	Principles of Micro Economics	5
BC504	Entrepreneurship	4
BC 505 / BC 505 -A	Punjabi/Basic Punjabi	5

Semester-VI

BC601	Any one of the following	5
	(a) Corporate Tax Planning	
	(b) Banking and Insurance	
	(c) Management Accounting	
BC 602	Any one of the following	5
	(a) Indirect Tax Law	
	(b) Fundamentals of Investment	
	(c) Accounting Theory	
BC603	Business Tax Procedures and Management	4
BC 604	Indian Economy	5
BC 605 / BC 605-A	Punjabi / Basic Punjabi	5

Fee Structure

1st Sem (with Reg.) 15550

2nd Semester 11354

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.A. (Hons.) Social Sciences

This Programme is designed to explore different perspectives in the Social Sciences and to develop a realistic view to compete at the global level. It will enhance overall knowledge and help the students to fetch jobs in the public and the private domain. The Programme spread over three academic years (B.A. Hons. Social Sciences Part- I, II and III) and each part consist of two semesters. Syllabus is designed according to the Choice Based Credit System (CBCS) as per UGC guidelines.

Scope and Career options:

- To understand the broader context and diversity of social sciences.
- The Programme will help the students to develop a realistic view, which shall make them become competitive globally.
- The Programme will help the students to develop skills for competitive exams. (UPSC, PPSC and SSC etc).
- The students can compete easily for different jobs like public, private services, banking, Insurance, Non Governmental Organizations (NGOs), MNCs etc.

Eligibility Criteria: The admission is open for a student who passed the senior secondary examination (10+2) with at least 50% marks. The admission will be purely on merit basis.

Semester-I

Course Code	Name of Paper	Credit
BAHSS-101	English (Communicative English) I	4
BAHSS-102	Punjabi Compulsory I	4
BAHSS-102A	*Punjabi Compulsory (Mudla Gyan/ Elementary Punjabi)	4
BAHSS-103	General Studies I	4
BAHSS-104	Environment and Road Safety Awareness	4
BAHSS-105	Workshop on Computer Applications and Technology	2

Optional Papers

(Students shall opt for any three subjects)

BAHSS-106	Political Science	4
BAHSS-107	History	4
BAHSS-108	Public Administration	4
BAHSS-109	Economics	4
BAHSS-110	Sociology	4
BAHSS-111	Geography	4

*Only for other State and Foreign Students in lieu of BAHSS 102

Semester-II

Course Code	Name of Paper	Credit
BAHSS-201	English (Communicative English) II	4
BAHSS-202	Punjabi Compulsory II	4
BAHSS-202A	*Punjabi Compulsory (Mudla Gyan/ Elementary Punjabi)	4
BAHSS-203	General Studies II	4
BAHSS-204	**Drug Abuse: Problem, Management and Preventions	4
BAHSS-205	Workshop on Reasoning Skills and Analytical Ability	2

Optional Papers

(Students shall opt for three subjects as taken in the semester I)

BAHSS-206	Political Science	4
BAHSS-207	History	4
BAHSS-208	Public Administration	4
BAHSS-209	Economics	4
BAHSS-210	Sociology	4
BAHSS-211	Geography	4

*Only for other State and Foreign Students in lieu of BAHSS 102

** Qualify paper for under graduate degree



Fee Structure

1st Sem (with Reg.) 17690

2nd Semester 15500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.A. (Hons.) English

Literature expresses the values and aspirations, the certainties, uncertainties of the societies in which it was created. To Study English Honours, is to take up these questions in a rigorous and systematic way, relating them to a literary culture of exceptional richness and diversity, extending over a thousand year and more. The Course will give the students a deeper understanding of the workings literary texts and their place in societies past and present. During the course, students will study English, Irish, African, Canadian, Australian and American literature, as well as modules in prose, verse, drama and even film. The three-year Honours undergraduate degree will allow students to read and reflect on a wide variety of literary works, selected from genres, historical eras and other ranges. Honours students may make an informed choice of modules from a wide menu.

Course Duration 3 years (6 Semesters)

ELIGIBILITY

For admission in English Honours the candidate must have passed the higher Secondary School Certificate (10+2) Examination from a recognized board with minimum 50% marks in aggregate.

Semester-I		
Course Code	Name of Paper	Credit
BHE 101	Indian Classical Literature	5+1
BHE 102	European Classical Literature	5+1
BHE 103	Language Technology	4
BHE 104	Academic Writing and Composition 501	

Semester-II		
Course Code	Name of Paper	Credit
BHE 201	Indian Writing in English	5+1
BHE 202	British Poetry and Drama 14 to 17th Century	5+1
BHE 203	MIL Punjabi/Elementary Punjab	4
BHE 204	Media and Communication skills	6

Semester-III		
CORE V American Literature		5+1 (Tutorial)=6
CORE VI Popular Literature		5+1 (Tutorial)=6
CORE VII British Poetry and Drama: 17th and 18th Centuries		5+1 (Tutorial)=6
Gen III Text and Performance		5+1 (Tutorial)=6
SECI English Language Teaching		2

Semester IV		
CORE VII British Literature: 18th Century		5+1 (Tutorial)=6
CORE IX British Romantic Literature		5+1 (Tutorial)=6
CORE X British Literature: 19th Century		5+1 (Tutorial)=6
GEIV Language and Linguistics		5+1 (Tutorial)=6
SECII Soft Skills		2

Semester-V	
CORE XI Women's Writing	5+1 (Tutorial)=6
CORE XII British Literature: The Early 20th Century	5+1 (Tutorial)=6
DCE-I Literature of the Indian Diaspora	5+1 (Tutorial)=6
DCE-II Literary Criticism`	5+1 (Tutorial)=6

Semester-VI	
CORE XIII Modern European Drama	5+1 (Tutorial)=6
CORE XIV Postcolonial Literatures	5+1 (Tutorial)=6
DCE-III Partition Literature	5+1 (Tutorial)=6
DCE-IV Autobiography	5+1 (Tutorial)=6

Fee Structure

1st Sem (with Reg.) 15790

2nd Semester 11550

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.



B.A. (Hons.) Economics

This course is designed to provide education in economic analysis, policy and quantitative methods, applied to problems of agriculture, industry, banking and trade etc. The course is spread over three academic years (B.A. Hons. Part-I, II and III) and each part shall consist of two semesters.

Scope and Career Options:

This degree course enables the students to go in various commerce and banking related jobs.

One can go for higher degree programme in respective subject such as M.A./ M.Sc. Economics.

The Indian Administrative Services, Indian Economic Services, Indian Statistical Service and Reserve Bank of India are excellent options to those who want to join Government Services after the course.

There exist vast career-oriented opportunities in NITI Aayog, Ministry of Economic Affairs, National Sample Survey etc. which required specialization in the field of Economics.

Eligibility Criteria: The admission is open to a student who passed the senior secondary examination (10+2) with at least 50 % marks. the admission will be made purely on merit basis. Syllabus of this course is designed as per Choice Based Credit System (CBCS).

Course Code	Semester-I Name of Paper
BAHECO-101 C 1	Introductory Micro Economics
BAHECO-102 C 2	Indian Economy- I
AECC 1	Environmental Sciences
BAHECO-1051 GE 1	Fundamentals of Sociology
	or
BAHECO-1052 GE 1	Human Resource Management
	Semester-II
BAHECO-201 C 3	Introductory Macro Economics
BAHECO-202 C 4	Indian Economy-II
AECC 2	Punjabi/Basic Punjabi
BAHECO-2051 GE 2	Social Process and Social Institutions
	or
BAHECO-2052 GE 2	Marketing Management
	Semester-III
BEH- 301 C 5	Intermediate Micro Economics- I
BEH- 302 C 6	Intermediate Macro Economics- I
BEH- 303 C7	Statistical Methods for Economics
BEH- 304 SEC 1	Technical Writing and Communication Skills
BEH- 305 GE 3	Economic History of India (1857-1947)
	Semester-VI
BEH- 401 C 8	Intermediate Micro Economics II
BEH- 402 C 9	Intermediate Macro Economics II
BEH- 403 C 10	Introductory Econometrics
BEH- 404 SEC 2	Computer Fundamentals
BEH- 405 GE 4	Environmental Economics
	Semester-V
BEH-501 C11	Mathematical Methods for Economics-I
BEH-502 C12	Development Economics-I
BEH-503 DSE 1	Economics of Health and Education
BEH-504 DSE 2	International Economics
BEH-505 DSE 3	Economics of Agriculture
	Semester-VI
BEH-601 C13	Mathematical Methods for Economics-II
BEH-602 C14	Development Economics-II
BEH-603 DSE 4	Economics of Industry
BEH-604 DSE 5	Project



Fee Structure

1st Sem (with Reg.) 15790
2nd Semester 11550

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B.A. Journalism & Mass Communication BA (JMC)

In the recent Years unprecedented growth has been witnessed in the world of communication. To a great extent mass media is a modern reality which covers all aspects of human life. Moreover, a great change can be observed in the concept of people working in mass media. Mass Communication is not limited to journalism alone. Careers in mass Communication are not only high paying but also bring in a great deal of job satisfaction and expression of creativity. A professional course in mass communication opens doors for a career in films & TV, publishing, public relations, journalism, editing, direction, filmmaking, scriptwriting, production, etc. In nutshell, Mass Communication widens up the horizon of career options for a person. Depending upon personal interest and inclination a mass communication professional can choose a job. Attractive and high paying jobs as journalist, actor, director, editor, screenwriter, RJ, producer, VJ are available to the talented and trained individuals.

Bachelor's degree in journalism/mass communication is required to pursue a career in this field. Specialized training or experience, fieldwork or internship increases one's opportunities in the field. This course is highly employment oriented, thus, some of the students from the department got employment in even after completing the first year of MA (JMC). Most of the former students of the department are highly placed in various media houses.

Eligibility Criteria: The Candidate should be a 10+2 in any discipline with 45% marks. Admission will be made purely on merit basis.

Duration of Course: 3 years (6 Semesters)

Semester-I				Semester IV			
Code	Title of Paper	Course	Credit	Code	Title of Paper	Course	Credit
ENG 1002	English (Communication Skills)	AECC	4	BAJMC 401	New Media	Core	5
BAJMC 101	Introduction To Journalism	CC	5	BAJMC 402	Development Communication	Core	5
BAJMC 102	Introduction to Media & Communication	CC	6	BAJMC 403	Media Ethics & Laws	Core	5
BAJMC 103	Media & Cultural Studies	CC	5	BAJMC 404	Documentary Production	SEC	4
Select any one from Elective Course				Select any one (Elective Course)			
BAJMC 104 A	Indian Administration		5	BAJMC 405A	Indian Economy	Elective	
BAJMC 104 B	Media & Society		5	BAJMC 405B	Indian Political System II	Elective	
				BAJMC 406	Project	Core	2
Semster-II				Semester V			
PBI 2001-2	Punjabi Lazmi	AECC	4	BAJMC 501	Global Media	Core	5
PBI 2001 A	(Mudla Gyan)			BAJMC 502	Communication Research & Methods	Core	5
BAJMC 201	Reporting & Editing for Print	CC	6	BAJMC 503	Photojournalism	Core	5
EVS 3001	Environment & Road Safety Awareness	AECC	2	Select any One (Elective Course)			
BAJMC 202	Applications of Computer For Mass Media	SEC	4	BAJMC 504A	India: General Knowledge & Current Affairs	Elective	
Select Any One From				BAJMC 504B	Media, Gender & Human Rights	Elective	
BAJMC 203A	Media Psychology		5	BAJMC 505	Practical	Core	4
BAJMC-203B	Punjab- General Knowledge & Current Affairs			Semester-VI			
				BAJMC 601	Introduction to Cinema	Core	5
				BAJMC 602	Cyber Journalism	Core	5
				BAJMC 603	TV News Production	Core	5
				Select any one (Elective Course)			
				BAJMC 604A	International: General Knowledge Current Affair	Elective	
				BAJMC 604B	Media Industry & Management	Elective	
				BAJMC 605	Audio Visual Project	Core	4
BAJMC 301	Introduction to Broadcast media	Core	5				
BAJMC 302	Print Media	Core	5				
BAJMC 303	Writing for Media	AECC	4				
BAJMC 304	Advertising and PR	Core	5				
Select any one (Elective Course)			5				
BAJMC 305A	Event Management	Elective					
BAJMC 305B	Indian Polity	Elective					
BAJMC 306	Practical	Core	2				

Fee Structure

1st Sem (with Reg.) 15790

2nd Semester 11550

Fees/Funds can be revised as per instructions/directions of college management/Punjab University/Punjab Govt.

B. Vocational (Software Development)

It has been a long felt necessity to align higher education with the emerging need of the economy and incorporate the requirements of various industries. The University Grants Commission (UGC) has launched a scheme on skills Development based on higher education leading to Bachelor of Vocation (B.Voc.) Degree with multiple exits such as Diploma, I Advanced Diploma. This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge. The graduates could expect to work as software programme, application Programmers, software analysts, software developers and software testers in multinational companies and Indian companies. The graduates could also seek employment as IT specialists with mobile Network Providers, networking companies. Internet service providers and data base management companies. The Syllabus of B.Voc is based on Choice Based Credit System (CBCS).

Semester-I			Semester-IV		
Paper Code	Type of Paper	Name of Subject	Paper Code	Type of Paper	Name of Subject
PBI(V)2001	General Educational	Punjabi Compulsory /	BVSD-401	A.E.C.C	* Elective- IV
PBI(V)2001A		Punjabi (Mudra Gyan)	BVSD -402	GE	**Foundation-IV
BVSD-102	General Educational	Programming Fundamentals	BVSD -403	Core	Software Testing- Concepts and Tools
BVSD-103	General Educational	Fundamentals of Information Technology	BVSD -404	Core	Mathematics
BVSD-104	Skill	Web Designing using HTML and DHTML	BVSD -405	Core	Programming with Java
BVSD-105	Skill	Software Lab (Office Automation)	BVSD -406	Core	Software Lab –VII(Based on paper BVSD-403)
BVSD-106	Skill	Software Lab (based on paper BVSD-104)	BVSD -407	Core	Software Lab –VIII (Based on paper BVSD-405)
			*Elective IV: Any one of the following papers:		
			BVSD-401 E1		Computer Networks
			BVSD-401 E2		System Software
			**Foundation IV: Any one of the following papers:		
ENG1003	General Educational	English and Business Communication	BVSD-402 F1		Communication skills-IV
BVSD-202	General Educational	General Elective - I	BVSD-402 F2		Content Management System
BVSD-203	Skill	Programming using 'C'	Semester-V		
BVSD-204	Skill	Computer System Architecture	BVSD-501	A.E.C.C	* Elective-V
BVSD-205	Skill	Software Lab – III (Based on paper BVSD - 203)	BVSD -502	GE	**Foundation-V
BVSD-206	Skill	Industrial Training-I	BVSD -503	Core	Web Development using PHP
EVS-3001 Compulsory		Environment and Road Safety Awareness	BVSD -504	Core	Computer Graphics
*General Elective-I:			BVSD -505	Core	.NET Technology
1	BVSD-202GE1	Mathematics	BVSD -506	Core	Software Lab –VII(Based on BVSD-503)
2	BVSD-202GE2	Statistical Methods	BVSD -507	Core	Software Lab –VIII (Based on BVSD-505)
			*Elective V: Any one of the following papers:		
			BVSD-501 E1		Relational Database Management System
			BVSD-501 E2		CSA
			**Foundation V: Any one of the following papers:		
BVSD-301	A.E.C.C	* Elective- III	BVSD-502 F1		Presentation Skills and Personality Development
BVSD -302	GE	**Foundation-III	BVSD-502 F2		Workshop on Oracle
BVSD -303	Core	Web Designing using HTML & DHTML	Semester-VI		
BVSD -304	Core	Environmental Studies	BVSD-601		Project
BVSD -305	Cor	Data Structures			
BVSD-306	Core	Quantitative and Logical aptitude			
BVSD -307	Core	Software Lab –V(Based on paper 303)			
BVSD -308	Core	Software Lab –VI(Based on paper BVSD-305)			
*Elective III: Any one of the following papers:					
1.	BVSD-301 E1	Software Engineering			
2.	BVSD-301 E2	Management Information System			
**Foundation III: Any one of the following papers:					
1.	BVSD-302 F1	Communication skills-III			
2.	BVSD-302 F2	Fundamentals of Hardware and Networking			

Eligibility Criteria: 10+2 in any Stream Course Duration 1-3 Years (Multiple Exits)

- After Completion of First year- Diploma in Software Development
- After completion of Second year-Advanced Diploma in Software Development
- After completion of Third Year-B.Vocational Degree in Software Development

Fee Structure

1st Sem (with Reg.) 16440
2nd Semester 13800

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

B. Vocational (Retail Management)

The retail industry is highly dynamic and innovative. This Course offers a balance between theory and practice that is innovative and engaging. This course is designed for students, wishing to develop a career in retail management, and anyone interested in working in the retail Sector, or simply wanting to know more about the world of retailing. The program is the right course for aspirants who would like to become retail professionals at supervisory levels, managerial levels and for those who want to own or to manage a retail business. This program will introduce participants to various aspects of professional retailing. The curriculum has been designed so as to offer multiple exits at the end of each year.

Category	Paper Code	Title of Paper
Semester I		
General	PBI (V) 2001-2	Punjabi Or
	PBI (V) 2001-2 (A)	Basic Punjabi
General	BVRM-102	Workshop on Computer Applications
AEC/ General	EVS-3001	Environment & Road Safety Awareness
Skill	BVRM- 103	Retail & Store Management
Skill	BVRM- 104	Retail Consumer Behaviour
Skill	BVRM-105	Customer Relationship Management
Semester II		
General	ENG - 1003	English & Business Communication
General	BVRM- 202	Fundamentals of Accounting
Skill	BVRM- 203	Store Display & Visual Merchandising
Skill	BVRM- 204	Sales Management
Skill	BVRM-205	Organization and Team Dynamics
Semester III		
General	BVRM- 301	Principles and Practices of Management
General	BVRM- 302	Business Ethics
Skill	BVRM- 303	Marketing Management
Skill	BVRM- 304	Entrepreneurship Development
Skill	BVRM- 305	Supply Chain Management
Semester IV		
General skills	BVRM- 401	Personality Development & Negotiation
General	BVRM- 402	Economics for Retail Managers
Skill	BVRM- 403	Leadership Principles
Skill	BVRM- 404	Project Management
Skill	BVRM- 405	Business Research Methods
Semester V		
General	BVRM- 501	Business Laws for Retail Industry
General	BVRM- 502	Total Quality Management
Skill	BVRM- 503	Mall Management
Skill	BVRM- 504	Human Resource Management in Retail
Skill	BVRM-505	Merchandising Management
Skill	BVRM-506	Project Report & Seminar on Internship
Semester VI		
General	BVRM- 601	Industrial Training Project
SEC 2	BVRM- 602	Project Report
SEC 3	BVRM- 603	Seminar on Project Report
General	BVRM- 604	VIVA-VOCE



Eligibility Criteria: 10+2 in any Stream Course Duration 1-3 Years (Multiple Exits)

- After Completion of First year- Diploma in Retail Management
- After completion of Second year-Advanced Diploma in Retail Management
- After completion of Third Year-B.Vocational Degree in Retail management.

Fee Structure

1st Sem (with Reg.) 16400
2nd Semester 13800

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Note: Syllabus is subject to change according to the guidelines of Punjabi University, Patiala

B. Vocational (Food Processing)

The University Grants Commission (UGC) has set the ball rolling for the introduction of a three year bachelor of vocation (B.Voc) degree course at recognized colleges and universities across the country. Aim with raising employability of graduates that meets the industry's requirement for ready-to-work students. Skillful orientation alongwith academic excellence in the field of food processing is itself a unique startup in this region where the benefits will be earned through surrounded dairy and food processing industries. Multiple-exit provision-a diploma at the end of the first year, advanced diploma after two years and three year degree organizes the qualifications based on levels of knowledge, skill and aptitude. This would enable the competitive graduates to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming self entrepreneurs through dissemination of acquired knowledge.

Eligibility:- 10+2 with 50% for Arts, Commerce and Sciences (Medical/Non Medical)

Semester-I		Credits	Semester-IV		Credits
CODE	SUBJECTS		CODE	SUBJECTS	
EVS-3001	*Environment and road safety Awareness	2	BVFP-411	*Food Safety and Regulations	3
ENG-1003	*English and Business Communication	5	BVFP-412	Nutraceutical and Functional Foods	4
BVFP-111	*Introductory Food Microbiology	3	BVFP-413	Sugar and Confectionary Technology	2
BVFP-112	Introductory Food Chemistry	4	BVFP-414	*Fundamentals of Computers	4
BVFP-113	Basics of Food Processing	3	BVFP-415	Egg, Meat and Fish Technology	4
BVFP-114	Basics of Dairy Processing	3	BVFP-416	*Practical Paper XIII pertaining to BVFP-411	3
BVFP-115	*Practical Paper-I pertaining to BVFP-111	2	BVFP-417	Practical Paper XIV pertaining to BVFP-412	2
BVFP-116	Practical Paper-II pertaining to BVFP-112	3	BVFP-418	Practical Paper XV pertaining to BVFP-413	3
BVFP-117	Practical Paper-III pertaining to BVFP-113	2	BVFP-419	*Practical Paper XVI pertaining to BVFP-414	2
BVFP-118	Practical Paper-IV pertaining to BVFP-114	3	BVFP-420	Practical Paper XVI pertaining to BVFP-415	3
BVFP-119	Industrial visit		BVFP-421	Industrial Visit	
Semester-II			Semester-V		
PBI(V) 2001 or PBI(V) 2001A	*Punjabi Compulsory * Basic Punjabi (Mudhla Gyan)	5	BVFP-511	*Marketing and Retail Management	3
BVFP-211	Fundamentals of Food Packaging	4	BVFP-512	Technology of Milk and Milk Products	2
BVFP-212	Fruits and Vegetables Processing	4	BVFP-513	Food Engineering	4
BVFP-213	Introduction to Spices and Plantation crops	4	BVFP-514	*Food Industry Waste Management	4
BVFP-214	*Introduction to Food and Nutrition	4	BVFP-515	*Instrumentation Techniques in Food Analysis	4
BVFP-215	Practical Paper V pertaining to BVFP-211	3	BVFP-516	Practical paper XVI pertaining to BVFP-512	3
BVFP-216	Practical Paper VI pertaining to BVFP-212	3	BVFP-517	Practical Paper XVIII pertaining to BVFP-513	3
BVFP-217	*Practical Paper VII pertaining to BVFP-214	3	BVFP-518	*Practical Paper XIX pertaining to BVFP-514	4
BVFP-218	Industrial Visit		BVFP-519	Practical Paper XX pertaining to BVFP-515	3
			BVFP-520	Industrial Visit	
Semester-III			Semester-VI		
DA-4001	Drug Abuse: Problem, Management and Prevention Qualifying		BVFP-611	Industrial training + *Training report and seminar 30	
BVFP-311	*Holistic Development I	5			
BVFP-312	Introduction to Cereal and Legume Processing	3			
BVFP-313	Food Additive 3				
BVFP-314	Bakery and Snacks Technology	3			
BVFP-315	*Beverage Technology	4			
BVFP-316	Practical paper VIII pertaining to BVFP-312	3			
BVFP-317	Practical paper IX pertaining to BVFP-313	3			
BVFP-318	Practical Paper X pertaining to BVFP-314	3			
BVFP-319	*Practical Paper XI :pertaining to BVFP-315	3			
BVFP-320	Industrial Visit				



Eligibility Criteria: 10+2 in any Stream Course Duration 1-3 Years (Multiple Exits)

- After Completion of First year- Diploma in Food Processing.
- After completion of Second year-Advanced Diploma in Food Processing.
- After completion of Third Year-B.Vocational Degree in Food Processing.

Fee Structure

1st Sem (with Reg.) 10600
2nd Semester 10600

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Course duration 3 Years (6 Semesters)

B. Vocational (Nursery Management)

B.Voc. Nursery Management is a UGC sponsored NSQF course by Government of India which has multiple exit options as certificate after six months, Diploma after one year, Advanced diploma after two years and B.Voc. Degree after three years which is much beneficial for the students at different stages. The 10+2 Science (Medical & Non-medical)/Commerce/Arts qualified students who have interest in nursery management of agriculture crops may pursue the course of B.Voc. Nursery Management. As in India there are many crops whose nursery is prepared, the scope of this field will never run out of job. The B.Voc. Nursery management programme consist different courses such as horticultural crops, medicinal and aromatic plants, spices and plantation and forest crops. In each semester Nursery and Industrial Training (NIT) is for skill development of students in which they interact with farmers, scientist and entrepreneurs. Due to lack of quality planting materials of horticultural and forest plants like fruits, vegetables, flowers, medicinal, aromatic and plantation crops due to which farmers have not diversified their crops which will reduce the degradation of natural resources like soil, water and nutrients in the state. There is significant demand for employee in the nursery management technology and there is a huge demand of skilled professionals for grafting, budding, Layering, potting, repotting and other nursery operations in several governments and private job opportunities may attract the graduates after successful completion of the course. When talking about government jobs state horticulture departments recruits graduates to fill up post like horticulture supervisor, nursery assistant, laboratory assistant, orchard guide, orchard care taker and orchard nursery producer.

Eligibility Criteria: The Candidate should have passed 10+2 with Medical, Non- medical, Commerce and Arts with at least 50% marks.

Semester-I		
Course Code	Title of paper	Credits
B.VNM-101	Introductory Agriculture	5 (3+2)
B.VNM-102	Fundamentals of Horticulture	6 (3+3)
B.VNM-103	Nursery Tools and Implements	6 (3+3)
B.VNM-104	Nursery and Industrial Training (NIT)	4 (0+4)
B.VNM-105	Basic Botany	5 (3+2)
B.VNM-106	Punjabi Compulsory/ Basic Punjabi	4 (0+4)

Semester-II		
B.VNM-201	Fundamentals of Agrometeorology	5 (3+2)
B.VNM-202	Fundamentals of Nursery Management	6 (3+3)
B.VNM-203	Seed Propagation	6 (3+3)
B.VNM-204	Vegetative propagation of fruit crops	6 (3+3)
B.VNM-205	Nursery and Industrial Training (NIT)	4 (0+4)
B.VNM-206	Drug Abuse: Problem management and Prevention	5 (5+0)

Semester-III		
B.VNM-301	Water management and micro irrigation in nursery	6 (3+3)
B.VNM-302	Nursery management in vegetable crops	6 (3+3)
B.VNM-303	Nursery management in floriculture	6 (3+3)
B.VNM-304	Soil management in nursery	6 (3+3)
B.VNM-305	Nursery and Industrial Training (NIT)	4 (0+4)
B.VNM-306	Weed management in nursery	6 (3+3)

Semester-IV		
B.VNM-401	Insect and pest management in vegetable nursery crops	5 (3+2)
B.VNM-402	Extension education	5 (3+2)
B.VNM-403	Protected cultivation of nursery crops	5 (3+2)
B.VNM-404	Disease management in nursery crops	5 (3+2)
B.VNM-405	Nursery management of forest crops	5 (3+2)
B.VNM-406	Nursery and Industrial Training (NIT)	4 (0+4)

Semester-V		
B.VNM-501	Manure and fertilizers	5 (3+2)
B.VNM-502	Organic farming	5 (3+2)
B.VNM-503	Medicinal and aromatic plants	5 (3+2)
B.VNM-504	Principles of agricultural economics	4 (4+0)
B.VNM-505	Disease management of spices and plantation crops	5 (3+2)
B.VNM-506	Nursery and industrial Training (NIT)	4 (0+4)

Eligibility Criteria: 10+2 in any stream
Course Duration: 1-3 years (Multiple Exits)

- After completion of First year-Diploma in Nursery Management
- After Completion of Second year-Advance Diploma in Nursery Management
- After Completion of Third year -B-Vocational Degree in Nursery Management.

Semester-VI		
B.VNM-601	Micro propagation	5 (3+2)
B.VNM-602	Environmental science	5 (3+3)
B.VNM-603	Spices and plantation crops	5 (3+2)
B.VNM-604	Disease management of medicinal and aromatic plants	5 (3+2)
B.VNM-605	Entrepreneurship Development	4 (0+4)
B.VNM-606	Nursery and Industrial Training (NIT)	4 (0+4)



Fee Structure

1st Sem (with Reg.) 8600
2nd Semester 8600

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Post Graduate Diploma in Computer Application

The programme is designed to enrich the programming and analytical ability of students. Students will be trained in the latest trends of Application Development, Programming Languages and Database Management. PGDCA equips students with skills required for high and applications in IT and to meet the manpower requirement of fast developing software industry. The course also fulfils the requirement of various State and Central Government jobs in terms of number of computer learning/training hours. Choice Based Credit System (CBCS) has been implemented in PGDCA from academic session 2016-17 as per guidelines of UGC.

Eligibility Criteria: Graduation in any stream

Course duration 1 year (2 Semesters)

SEMESTER - I

Code	Title of Paper
PGDCA-101	Introduction to Information Technology
PGDCA-102	Programming Fundamentals Using "C" Language
PGDCA-103	Operating System
PGDCA-104	Software Lab – I Office Automation and Productivity Tools
PGDCA-105	Software Lab – II based On PGDCA-102

SEMESTER - II

Code	Title of Paper
PGDCA-201	Fundamentals of Computer Network, Internet and Scripting Languages
PGDCA-202	Object Oriented Programming Using C++
PGDCA-203	Data Base Management System
PGDCA-204	Software Lab-III based on PGDCA-201
PGDCA-205	Software Lab - IV based on PGDCA-202



Fee Structure

1st Sem (with Reg.)	15990
1st Sem (with Con.)	14670
2nd Semester	12500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Post Graduate Diploma in Counselling PSYCHOLOGY

Post Graduate Diploma in Counselling is a one year programme. The specific purpose of this Post Graduate Diploma is to meet the growing demand for counsellors in schools, rehabilitation centres, clinics/hospitals, special education centres, centres for people with challenges, geriatric centres, remedial study centres, vocational/Career guidance programmes, welfare organizations, nursing profession, hotels/hospitality industry (tourism & travel), adoption agencies, remand homes, marriage/family help centres, helpline services — Suicide prevention/child helpline, etc., centres for widows/abused women/divorcees, HIV/AIDS patients counselling centres, NGOs/International agencies, support groups for alcoholics/drugs and other substance users, jails/correction centres, tribal welfare organizations, community-based mental health programmes, police training centres, ethnic and human relations programmes, and legislative/environmental agencies.

Eligibility: A Bachelor's Degree, in any discipline, of a minimum of 3 years duration or its equivalent from a recognised University. Course

Duration: 1 year (2 Semesters)

SEMESTER-I

PGDCP 101	Introduction to Counselling Psychology	5
PGDCP 102	Approaches to counseling	5
PGDCP 103	Psychological assessment in counseling	5
PGDCP 104	Practicum & FieldWork-I	5

SEMESTER-II

PGDCP 201	Counselling Applications	5
PGDCP 202	Ethical & Legal Issues in Counselling Practice	5
PGDCP 203	Counselling Children and Adolescents with Different Abilities	5
PGDCP 204	Practicum & FieldWork-II	5



Fee Structure

1st Sem (with Reg.)	15990
1st Sem (with Con.)	14670
2nd Semester	12500

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.

Diploma in Dairy Science

(Under Community College Scheme)

Dairy science is a science that deals with the study of milk, its processing and its products. It is a part of food technology and processing industry that involves processing, packaging, distribution and transportation of various milk and milk products using the science of biochemistry, Microbiology and engineering. Course deals to provide basic knowledge to the student about dairy processing from production of milk to its processing and marketing. Course intends to develop young entrepreneurs for self employment. Also to develop technician level human resources for dairy industry and to upgrade the technical proficiency of workers/ technicians working in dairy sector.

Eligibility Criteria:

10+2 in any stream with 50 % marks

Duration of Course: 1 Years
Certificate Course-6 months

Semester I

Title of paper	Credits
• Dairy farm practices	4+2
• Milk procurement, processing and packaging	4+2
• Dairy chemistry and microbiology	4+2
• Traditional dairy products	4+2
• Dairy plant management	4+2

Semester II

Title of paper	Credits
• Milk products technology	4+2
• Dairy operations, equipments and utilities	4+2
• Milk by products	4+2
• Dairy entrepreneurship and marketing	4+2
• Fundamentals of computer	4+2

Fee Structure

1st Sem (with Reg.) 10000

2nd Semester 6000

Fees/Funds can be revised as per instructions/directions of college management/Punjabi University/Punjab Govt.



Extention Activities

College Magazine

To motivate the students and to explore their inner talent the college has its own magazine "Fatehgarh". This magazine is published every year. This includes different sections on Punjabi, Hindi, English, Social Sciences, Management, Commerce, Computer, Science, Environment, Photography. every section is having a Teacher Editor and students publish their articles under their guidance .

Mata Gujri Study Circle & Guru Gobind Singh Study Circle

Mata Gujri Study Circle & Guru Gobind Singh Study Circle has been established in college to bring moral and religious values in the students .the various activities of this include:

1. The opening and closing of the academic session is done according to the sikh religious traditions.
2. Every year a seminar on Gurbani is being organised.
3. Every year an inter college competition is being organised on religious issues.
4. Participation in Shaheedi Jor Mel at Sri Fatehgarh Sahib.
5. Tours are planned for various religious and historical places.

Cultural Activities

Training is given to the students for participation in various zonal and inter zonal youth festivals. Training for Gidha, Bhangra, western songs, mimicry, debates, allocutions, quiz is given by specialist persons. The participants are honoured with rewards and certificates.

NSS

Four Different units for boys and girls are their in the college. Students will have to fill separate form for taking NSS.

NCC

NCC (Army wing) has been established in the college. Proper training is given to the boys and girls for the examination of B and C certificates.

Book Bank

Book bank has been established in college library for needy and intelligent students. The books has been issued to the students for the year from this bank for their course. Pass out students can give their books to this bank. The needy students can contact librarian for getting the books from this bank.

College Youth Club

The college is having authorised youth club from Punjab Youth Services. The main aim of this club is to develop moral and social character of the students.

Youth Red Cross Unit

To aware the students for Society Welfare, Blood Donation, War Against Drugs and to save environment. Red Cross Unit has been established in college by Punjab Red Cross Society, Chandigarh. Volunteers of College Red Cross Unit participate in various Society Welfare Camps. The Training of First Aid also provided to the volunteers of Red Cross unit.

Women Cell

To help the girls students of the college, Women Cell is established in college. The girls students can contact Prof. Namita Berry (9815670540) in case of any emergency.

Bus Pass Facility

The Students can contact the following teachers for getting their bus pass form signed.

1. **Dr. Rashid Rashid** (Punjabi Department)
2. **Dr. Jagdish Singh** (Bio-Technology Department)
3. **Dr. Tajinder Singh** (Physics Department)
4. **Mr. Mohammad Anwar** (Commerce Department)
5. **S. Ratnesh Pal Singh** (Deptt. of Management Studies)
6. **Dr. Maninder Kainth** (English Department)

CAREER GUIDANCE AND PLACEMENT CELL

We have a prolific and proactive placement cell to impart field training to the students and establish interface with industry for the placement of final year students of entire college. The cell works in the coordination with the students giving them requisite direction, resources and grooms them to secure their industrial training and dreams jobs. To address the demand of modern education, prominent academicians and industrialist constantly enlighten the students through guest lecture in the changing economic scenario burgeoning demand for professionals, the college is constantly striving to assimilate the needs of industry and the students. The placement cell addresses a wide range of career concerns of the students and has been involved in the coordination and administration of various career planning and Training & placement programs and offers important and timely career planning assistance and also facilitates the jobs search offers for the students. The placement cell team make consistent efforts to contact different corporate houses to attract them for campus interviews of the students. The goal of Training and placement cell is to provide employment opportunities to students in leading organization.



DISCIPLINE & DRESS CODE

All the students must attend the college in proper dress. Boys must come in trousers and shirts tucked in. Half pants, T-Shirts & Caps are not permitted in the college. Rather, it will be treated as an act of indiscipline. The girl students should wear decent dress. For Sikh boys, the wearing of turban is compulsory. Wearing of Patkas in the college is considered as an act of indiscipline. Wearing of Kameej Pajama is not allowed in the Institute premises. Trimming of beard and hair by Sikh boys is also considered as an act of indiscipline. Wearing Blazer is mandatory for all the students in the winter season. Wearing of I-Card in the Campus is compulsory for all the students.

Note:

- 1. Dress Code will be prescribed by the college & it will be notified through notice board.**
2. Dress Code will be compulsory for all organized academic activities, cultural functions for all students of Professional / Vocational & P.G. Courses e.g. Industrial visits, Seminars, Presentations, Guest Lectures, Viva-Voce/Practical Examination, Campus Interviews and other College functions like annual Prize Distribution Function, Annual Convocation etc. On normal teaching days, dress code will be enforced on two days of the week e.g. Monday and Thursday. If a student fails to follow the dress code, he/she will be debarred from the activities/function and will be fined Rs. 100/- for disobedience/failure to follow the dress code.

REGULATIONS ON CURBING THE MENACE OF RAGGING

It is brought into the notice of Parents/Guardians/Students that ragging is a criminal offence. In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging, including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students. All the students and Parents/Guardians are required to submit a declaration at the time of admission. The declaration is to be signed by the student and the parent / guardian. The complete notification regarding prevention and prohibition of Ragging is available at college website www.matagujricollege.org

Anti Ragging Cell

- | | | |
|-------------------------|------------------------|-----------------------------|
| 1. Dr. Harveen Kaur (C) | 4. Ms. Rashmi Arora | 7. Dr. Sukhjeet Kaur |
| 2. Dr. Rashid Rasheed | 5. Dr. Kamalpreet Kaur | 8. Ms. Pardeep Kaur Sandhju |
| 3. Ms. Satpreet Kaur | 6. Dr. Jagdish Singh | 9. Dr. Dalip Singh |

ਵਜ਼ੀਫੇ ਤੇ ਹੋਰ ਸਹੂਲਤਾਂ

ਕਾਲਜ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਰਾਜ, ਯੂਨੀਵਰਸਿਟੀ ਅਤੇ ਕਾਲਜ ਪੱਧਰ 'ਤੇ ਹਰ ਤਰ੍ਹਾਂ ਦੇ ਵਜ਼ੀਫੇ ਦਿੱਤੇ ਜਾਂਦੇ ਹਨ। ਅਨੁਸੂਚਿਤ ਸ਼੍ਰੇਣੀਆਂ, ਪੱਛੜੀਆਂ ਜਾਤੀਆਂ ਅਤੇ ਘੱਟ ਗਿਣਤੀ ਧਰਮਾਂ ਲਈ ਸਰਕਾਰੀ ਵਜ਼ੀਫਿਆਂ ਤੋਂ ਇਲਾਵਾ ਗ਼ਰੀਬ ਅਤੇ ਹੋਣਹਾਰ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਯੋਗਤਾ ਵਜ਼ੀਫੇ ਜਾਂ ਕੇਂਦਰ ਸਰਕਾਰ ਵੱਲੋਂ ਕੌਮੀ ਵਜ਼ੀਫੇ ਵੀ ਦਿੱਤੇ ਜਾਂਦੇ ਹਨ। ਵਿਦਿਆਰਥੀ ਸਹਾਇਤਾ ਫੰਡ ਵਿੱਚੋਂ ਲੋੜਵੰਦ ਤੇ ਯੋਗ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੁਸਤਕਾਂ ਦੇ ਰੂਪ ਵਿੱਚ/ਫੀਸ ਮੁਆਫ਼ੀ ਜਾਂ ਮਾਲੀ ਸਹਾਇਤਾ ਦੇ ਰੂਪ ਵਿੱਚ ਮਦਦ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ। ਸਰਕਾਰ ਦੀਆਂ ਵਜ਼ੀਫਾ ਸਕੀਮਾਂ ਕਾਲਜ ਵਿੱਚ ਪੜ੍ਹਦੇ ਵਿਦਿਆਰਥੀਆਂ 'ਤੇ ਲਾਗੂ ਹੁੰਦੀਆਂ ਹਨ। ਸਕਾਲਰਸ਼ਿਪਾਂ ਦਾ ਲਾਭ ਲੈਣ ਲਈ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੇ ਆਧਾਰ ਕਾਰਡ ਬਣਵਾ ਲੈਣੇ ਚਾਹੀਦੇ ਹਨ।

ੳ) ਆਮ ਵਜ਼ੀਫੇ

- 1 ਅਨੁਸੂਚਿਤ ਜਾਤੀਆਂ ਅਤੇ ਕਬੀਲਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਵਿਦਿਆਰਥੀਆਂ ਲਈ।
- 2 ਪੱਛੜੀਆਂ ਸ਼੍ਰੇਣੀਆਂ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਲਈ।
- 3 ਘੱਟ ਗਿਣਤੀ ਮੰਤਰਾਲਾ, ਭਾਰਤ ਸਰਕਾਰ ਵਲੋਂ ਘੱਟ ਗਿਣਤੀ ਵਿਦਿਆਰਥੀਆਂ (ਸਿੱਖ, ਮੁਸਲਮਾਨ, ਇਸਾਈ, ਪਾਰਸੀ, ਬੋਧੀ) ਲਈ ਹਰ ਸਾਲ ਵਜ਼ੀਫੇ ਪ੍ਰਦਾਨ ਕੀਤੇ ਜਾਂਦੇ ਹਨ।
- 4 ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀਆਂ ਲਈ।
- 5 ਨੈਸ਼ਨਲ ਲੋਨ ਸਕਾਲਰਸ਼ਿਪ।
- 6 ਸਾਬਕਾ ਫੌਜੀਆਂ ਦੇ ਬੱਚਿਆਂ ਲਈ।
- 7 ਪੰਜਾਬ ਸਰਕਾਰ ਵੱਲੋਂ ਗ਼ਰੀਬੀ ਰੇਖਾ ਤੋਂ ਹੇਠਾਂ ਰਹਿਣ ਵਾਲੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਉਨ੍ਹਾਂ ਦੇ ਪਰਿਵਾਰ ਨੂੰ ਜਾਰੀ ਸਨਾਖਤੀ ਕਾਰਡ ਦੇ ਅਧਾਰ 'ਤੇ ਵਜ਼ੀਫਾ ਦੇਣ ਦਾ ਪ੍ਰਬੰਧ ਹੈ।
- 8 Single Girl Child Scholarship.

ਜਰੂਰੀ ਸੂਚਨਾ : ਵਿਦਿਆਰਥੀ ਸਰਕਾਰ ਵੱਲੋਂ ਮਿਲਣ ਵਾਲੀ ਸਕਾਲਰਸ਼ਿਪ ਕੇਵਲ ਇੱਕ ਹੀ ਸਕੀਮ ਅਧੀਨ ਅਪਲਾਈ ਕਰ ਸਕਦਾ ਹੈ। ਇੱਕ ਤੋਂ ਵਧੇਰੇ ਸਰਕਾਰੀ ਸਕਾਲਰਸ਼ਿਪ ਲਈ ਅਰਜ਼ੀ ਭਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਵਿਰੁੱਧ ਸਖਤ ਅਨੁਸ਼ਾਸਨੀ ਕਾਰਵਾਈ ਕੀਤੀ ਜਾਵੇਗੀ।

9. ਲੋੜਵੰਦ ਅਤੇ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀ ਸਹਾਇਤਾ ਫੰਡ
ਟੀਚਿੰਗ ਸਟਾਫ ਵੱਲੋਂ ਲੋੜਵੰਦ ਅਤੇ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਹਾਇਤਾ ਕੀਤੀ ਜਾਂਦੀ ਹੈ।

ਅ) ਖਾਸ ਸੰਸਥਾਵਾਂ/ਵਿਅਕਤੀਆਂ ਵੱਲੋਂ ਦਿੱਤੇ ਜਾਣ ਵਾਲੇ ਵਜ਼ੀਫੇ

1. ਲੋੜਵੰਦ ਅਤੇ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਸਹਾਇਤਾ ਯੋਜਨਾ :

ਇਸ ਮੰਤਵ ਲਈ 40 ਲੱਖ ਰੁਪਏ ਦੀ ਵਿੱਤੀ ਸਹਾਇਤਾ ਲੇਡੀ ਸ਼ਵਿੰਦਰ ਕੌਰ ਸਪੁੱਤਰੀ ਮਰਹੂਮ ਸਰਦਾਰ ਰੁਪਿੰਦਰ ਪਾਲ ਸਿੰਘ ਜੀ ਨੇ ਪ੍ਰਦਾਨ ਕੀਤੀ ਹੈ।



2. ਸਰਬੱਤ ਦਾ ਭਲਾ ਚੈਰੀਟੇਬਲ ਟਰੱਸਟ ਵੱਲੋਂ ਸਨੀ

ਓਬਰਾਏ ਸਕਾਲਰਸ਼ਿਪ : ਸਰਬੱਤ ਦਾ ਭਲਾ ਚੈਰੀਟੇਬਲ ਟਰੱਸਟ ਵੱਲੋਂ 50 ਹੋਣਹਾਰ ਅਤੇ ਗ਼ਰੀਬ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿੱਤੀ ਸਹਾਇਤਾ ਪ੍ਰਦਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ। ਸਰਦਾਰ ਐਸ.ਪੀ.ਸਿੰਘ ਓਬਰਾਏ ਜੀ ਵੱਲੋਂ ਅਜਿਹੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਵੀ ਸਹਾਇਤਾ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਜਿਨ੍ਹਾਂ ਦੇ ਪਿਤਾ ਜੀ ਜਾਂ ਮਾਤਾ ਜੀ ਸਵਰਗਵਾਸ ਹੋ ਚੁੱਕੇ ਹਨ।

3. ਪੰਥ ਰਤਨ ਜੱਥੇਦਾਰ ਗੁਰਚਰਨ ਸਿੰਘ ਟੌਹੜਾ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫੇ:

ਕਾਲਜ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ ਵੱਲੋਂ 10 ਸਿੱਖ (ਸਾਬਤ ਸੂਰਤ ਅਤੇ ਗੁਰਮਤਿ ਰਹਿਤ ਮਰਿਆਦਾ ਵਿਚ ਰਹਿਣ ਵਾਲੇ) ਲੋੜਵੰਦ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ 2100 ਰੁਪਏ ਪ੍ਰਤੀ ਵਿਦਿਆਰਥੀ ਸਲਾਨਾ ਵਜ਼ੀਫੇ ਦਿੱਤੇ ਜਾਂਦੇ ਹਨ।

4. ਮਾਤਾ ਜਗੀਰ ਕੌਰ ਧਾਰਨੀ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (15000 ਰੁਪਏ):

ਇਹ ਵਜ਼ੀਫਾ ਧਾਰਨੀ ਪਰਿਵਾਰ ਵੱਲੋਂ ਬੀ.ਏ. ਭਾਗ ਪਹਿਲਾ, ਦੂਜਾ ਅਤੇ ਤੀਜਾ ਵਿੱਚੋਂ ਫਸਟ ਆਉਣ ਵਾਲੀਆਂ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ 5000 ਰੁਪਏ ਪ੍ਰਤੀ ਵਿਦਿਆਰਥਣ ਦਿੱਤਾ ਜਾਵੇਗਾ।

5. ਸ੍ਰ. ਜਸਕਰਨ ਸਿੰਘ ਬਰਾੜ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (3500 ਰੁਪਏ):

ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਲਵਨੀਤ ਕੌਰ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਐਸ.ਸੀ. ਮੈਡੀਕਲ ਦੇ ਪ੍ਰਥਮ ਆਉਣ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

6. ਸ੍ਰ. ਦੀਦਾਰ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (3100 ਰੁਪਏ):

ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਗੁਰਮੋਹਨ ਸਿੰਘ, ਆਪਣੇ ਪੂਜਨੀਕ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਕਾਲਜ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਸਰਗਰਮੀਆਂ/ਗਤੀਵਿਧੀਆਂ/ਖੇਡਾਂ/ਸਮਾਜ ਭਲਾਈ ਦੇ ਕੰਮ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਸ਼ਲਾਘਾਯੋਗ ਪ੍ਰਾਪਤੀ ਕਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

7. ਮਾਤਾ ਨਰਜਣ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (3100 ਰੁਪਏ):

ਇਹ ਵਜ਼ੀਫਾ ਸ੍ਰ. ਪਰਮਜੀਤ ਸਿੰਘ ਅਤੇ ਸ੍ਰ. ਹਰਿੰਦਰਪਾਲ ਸਿੰਘ ਪਟਿਆਲਾ ਨਿਵਾਸੀ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਕਾਲਜ ਵਿੱਚੋਂ ਬੀ.ਏ.ਭਾਗ ਦੂਜਾ ਪਾਸ ਕਰਕੇ ਬੀ.ਏ. ਭਾਗ ਤੀਜਾ ਵਿੱਚ ਦਾਖਲ ਲੋੜਵੰਦ ਅਤੇ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

8. ਮਾਤਾ ਬਚਨ ਕੌਰ ਟਿਵਾਣਾ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2500 ਰੁਪਏ) :

ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਦਲਜੀਤ ਕੌਰ ਟਿਵਾਣਾ ਵੱਲੋਂ ਆਪਣੀ ਪੂਜਨੀਕ ਸੱਸ ਸਾਹਿਬਾ ਮਾਤਾ ਬਚਨ ਕੌਰ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ. ਦੇ ਹਿੰਦੀ ਵਿਸ਼ੇ ਦੇ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

9. ਸ੍ਰ. ਹਰੀ ਸਿੰਘ ਟਿਵਾਣਾ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2500 ਰੁਪਏ):

ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਹਰਬੰਸ ਸਿੰਘ ਟਿਵਾਣਾ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ. ਭਾਗ ਤੀਜਾ ਦੇ ਇਕਨੌਮਿਕਸ ਦੇ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

10. ਸ. ਸੁਰਿੰਦਰ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2100 ਰੁਪਏ) :

ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਸੁਖਜੀਤ ਕੌਰ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਐਮ.ਏ. (ਪੰਜਾਬੀ) ਭਾਗ-ਪਹਿਲਾ ਦੇ ਹੋਣਹਾਰ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

11. **ਸ. ਜੋਗਿੰਦਰ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਨਵਜੀਤ ਕੌਰ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ. ਦੀ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥਣ ਨੂੰ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਵੇਗਾ।
 12. **ਸਰਦਾਰਨੀ ਇੰਦਰਜੀਤ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਨਵਦੀਪ ਕੌਰ ਵੱਲੋਂ ਆਪਣੇ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥਣ ਨੂੰ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਵੇਗਾ।
 13. **ਮਨਸੋਜਲ ਸਿੰਗਲ ਗਰਲਸਕਾਲਰਸ਼ਿਪ (2100 ਰੁਪਏ):** ਇਹ ਸਕਾਲਰਸ਼ਿਪ ਕਾਲਜ ਦੇ ਪ੍ਰੋ. ਹਰਜੀਤ ਕੌਰ, ਕਮਰਸ ਵਿਭਾਗ ਵੱਲੋਂ ਦਿੱਤੀ ਜਾਵੇਗੀ। ਇਹ ਵਜ਼ੀਫਾ ਕਾਲਜ ਦੀ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 14. **ਸ. ਬਖਸ਼ੀਸ਼ ਸਿੰਘ ਸੰਧੂ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਬਿਕਰਮਜੀਤ ਸਿੰਘ ਸੰਧੂ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਦਾਦਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਕਮਰਸ ਦੇ ਲੋੜਵੰਦ ਅਤੇ ਹੋਣਹਾਰ ਵਿਦਿਆਰਥੀ ਨੂੰ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਵੇਗਾ।
 15. **ਸ੍ਰ. ਤਾਰਾ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2000 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਹਰਸ਼ਵਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਐਮ.ਏ. ਅੰਗਰੇਜ਼ੀ ਦੇ ਕਿਸੇ ਵੀ ਲੋੜਵੰਦ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 16. **ਮਾਤਾ ਸੁਰਜੀਤ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2000 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਹਰਸ਼ਵਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੀ ਪੂਜਨੀਕ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਇੰਗਲਿਸ਼ ਲਿਟਰੇਚਰ ਦੇ ਹੁਸ਼ਿਆਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 17. **ਸ੍ਰ. ਤੇਜਾ ਸਿੰਘ (ਸੁਤੰਤਰਤਾ ਸੈਨਾਨੀ) ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2000 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਹਰਸ਼ਵਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਫੰਕਸ਼ਨਲ ਇੰਗਲਿਸ਼ ਦੇ ਹੁਸ਼ਿਆਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 18. **ਪ੍ਰੋ. ਅਮਰਦੀਪ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (2100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਕਾਲਜ ਦੀ ਲੋੜਵੰਦ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਨਵਜੀਤ ਕੌਰ ਅਤੇ ਪ੍ਰੋ. ਰਮਨਜੀਤ ਕੌਰ ਵੱਲੋਂ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।
 19. **ਸ੍ਰ. ਨਰੈਣ ਸਿੰਘ ਲੋਗਾਨੀ ਮੈਮੋਰੀਅਲ ਧਾਰਮਿਕ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਸਾਬਕਾ ਅਧਿਆਪਕ ਪ੍ਰੋ. ਪ੍ਰੀਤਮ ਸਿੰਘ ਲੋਗਾਨੀ ਵੱਲੋਂ ਸੁਚੱਜੇ ਧਾਰਮਿਕ ਰੁਚੀ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 20. **ਮਾਤਾ ਪ੍ਰੇਮ ਕੌਰ ਲੋਗਾਨੀ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਪ੍ਰੀਤਮ ਸਿੰਘ ਲੋਗਾਨੀ (ਸਾਬਕਾ ਅਧਿਆਪਕ) ਵੱਲੋਂ ਧਾਰਮਿਕ ਰੁਚੀਆਂ ਵਾਲੀ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 21. **ਭਾਈ ਸਾਹਿਬ ਭਾਈ ਹਰਨਾਮ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਗੁਰਦਰਸ਼ਨ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ./ਬੀ.ਐਸ.ਸੀ. ਭਾਗ-ਪਹਿਲਾ ਦੇ ਗਣਿਤ ਵਿੱਚੋਂ ਪਹਿਲਾ ਸਥਾਨ ਹਾਸਲ ਕਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 22. **ਮਾਤਾ ਪੂਰਨ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਗੁਰਦਰਸ਼ਨ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ./ਬੀ.ਐਸ.ਸੀ. ਭਾਗ ਪਹਿਲਾ ਦੇ ਗਣਿਤ ਵਿੱਚੋਂ ਪਹਿਲਾ ਸਥਾਨ ਹਾਸਲ ਕਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 23. **ਬਾਬਾ ਹੰਸਾ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਧਰਮਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਦਾਦਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਸਮਾਜ ਸੇਵਾ ਵਿੱਚ ਯੋਗਦਾਨ ਪਾਉਣ ਵਾਲੇ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਕਮਰਸ ਵਿਭਾਗ ਦੇ ਬੀ.ਕਾਮ ਭਾਗ-ਤੀਜਾ ਦੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 24. **ਮਾਤਾ ਪ੍ਰਸੰਨ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਧਰਮਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਦਾਦੀ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਵਧੀਆ ਕਦਰਾਂ-ਕੀਮਤਾਂ ਦੀ ਧਾਰਨੀ ਲੋੜਵੰਦ ਅਤੇ ਪੜ੍ਹਾਈ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਕਮਰਸ ਵਿਭਾਗ ਦੀ ਐਮ.ਕਾਮ ਭਾਗ-ਦੂਜਾ ਦੀ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਂਦਾ ਹੈ।
 25. **ਸ੍ਰ. ਦਲੀਪ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਰਜਿੰਦਰ ਕੌਰ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਐਮ.ਏ. ਪੰਜਾਬੀ ਭਾਗ ਪਹਿਲਾ ਵਿੱਚ ਹੁਸ਼ਿਆਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ/ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 26. **ਸ੍ਰ. ਜਗਜੀਤ ਸਿੰਘ ਟਿਵਾਣਾ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਜੋਗਰਫੀ ਵਿਭਾਗ ਦੇ ਹੋਣਹਾਰ ਅਤੇ ਪੰਜਾਬ ਦੇ ਵਾਤਾਵਰਣ ਦੀ ਸੰਭਾਲ ਲਈ ਯਤਨਸ਼ੀਲ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਇਹ ਵਜ਼ੀਫਾ ਪ੍ਰੋ. ਅਨੁਪੀਤ ਸਿੰਘ ਟਿਵਾਣਾ ਵੱਲੋਂ ਆਪਣੇ ਪੂਜਨੀਕ ਦਾਦਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 27. **ਸ. ਸ਼ਿੰਗਾਰਾ ਸਿੰਘ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਕਸ਼ਮੀਰ ਸਿੰਘ ਵੱਲੋਂ ਬੀ.ਬੀ.ਏ. ਦੇ ਹੋਣਹਾਰ ਵਿਦਿਆਰਥੀ (ਲੜਕੇ) ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 28. **ਮਾਤਾ ਹਰਬੰਸ ਕੌਰ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਡਾ. ਕਸ਼ਮੀਰ ਸਿੰਘ ਜੀ ਵੱਲੋਂ ਆਪਣੀ ਮਾਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਬੀ.ਏ. ਦੀ ਹੋਣਹਾਰ ਵਿਦਿਆਰਥਣ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 29. **ਹੌਸਲਾ ਵਧਾਉ ਸਕਾਲਰਸ਼ਿਪ (1100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਸ੍ਰ. ਰਮਨਦੀਪ ਸਿੰਘ ਵੱਲੋਂ ਬੀ.ਐਸ.ਸੀ. (ਮੈਡੀਕਲ) ਦੇ ਹੋਣਹਾਰ ਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 30. **ਸ. ਅਮਰ ਸਿੰਘ ਟਿਵਾਣਾ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (1100 ਰੁਪਏ) :** ਇਹ ਵਜ਼ੀਫਾ ਸ. ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਏ. ਦੇ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
 31. **ਸ. ਦਲਬਾਰਾ ਸਿੰਘ ਪੰਜੋਲੀ ਯਾਦਗਾਰੀ ਵਜ਼ੀਫਾ (11000 ਰੁਪਏ):** ਇਹ ਵਜ਼ੀਫਾ ਸ. ਨਰਦੀਪ ਸਿੰਘ ਵੱਲੋਂ ਆਪਣੇ ਪਿਤਾ ਜੀ ਦੀ ਯਾਦ ਵਿੱਚ ਬੀ.ਐਸ.ਸੀ. ਦੇ ਹੋਣਹਾਰ ਅਤੇ ਲੋੜਵੰਦ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਿੱਤਾ ਜਾਵੇਗਾ।
- ਨੋਟ:** ਉਪਰੋਕਤ ਵਜ਼ੀਫੇ ਕਾਲਜ ਦੀ ਵਜ਼ੀਫਾ ਕਮੇਟੀ ਦੀ ਸਿਫਾਰਸ਼ ਦੇ ਆਧਾਰ 'ਤੇ ਦਿੱਤੇ ਜਾਣਗੇ।

List of Regular Teaching Faculty Members

DR. KASHMIR SINGH, DIRECTOR-PRINCIPAL, M.COM, M.PHIL, & PH.D

AGRICULTURE

- | | |
|-----------------------------------|-------------|
| 1. Dr. DILIP SINGH KACHWAYA (HOD) | M.Sc., Ph.D |
| 2. Dr. SANDEEP KUMAR SINGH | M.Sc., Ph.D |
| 3. Dr. SANTOSH KUMAR | M.Sc., Ph.D |
| 4. Dr. NAVEET KAUSHAL | M.Sc., Ph.D |
| 5. Dr. RAVINDRAKUMAR | M.Sc., Ph.D |
| 6. Dr. JUJHAR SINGH | M.Sc., Ph.D |

BIOTECHNOLOGY

- | | |
|-------------------------------|-------------|
| 1. Dr. JAGDISH SINGH (HOD PG) | M.Sc., Ph.D |
| 2. Dr. NITU TREHAN (HOD UG) | M.Sc., Ph.D |
| 3. Dr. SIMMI GOEL | M.Sc., Ph.D |
| 4. Dr. MONIKA | M.Sc., Ph.D |
| 5. Ms. HARMANJOT KAUR | M.Sc. |

BOTANY & ENVIRONMENT

- | | |
|----------------------------|----------------------|
| 1. Ms. LOVENEET KAUR (HOD) | M.Sc., M.Phil. |
| 2. Dr. VIJAY SINGH | M.Sc., M.Phil., Ph.D |

CHEMISTRY

- | | |
|------------------------------|----------------------|
| 1. Dr. KAMALPREET KAUR (HOD) | M.Sc.(Hons), Ph.D |
| 2. Ms. SIMRAT KAUR | M.Sc., M.Phil. |
| 3. Dr. KIRAN | M.Sc., Ph.D |
| 4. Dr. KULDEEP KAUR | M.Sc., M.Phil., Ph.D |
| 5. Ms. SEEMA MAHESHWARI | M.Sc., B.Ed. |
| 6. Dr. AMRITPAL SINGH | M.Sc., Ph.D |
| 7. Dr. MANPREET KAUR | M.Sc., Ph.D |

ENGLISH

- | | |
|---------------------------|----------------------|
| 1. Dr. HARVEEN KAUR (HOD) | M.A, Ph.D |
| 2. Ms. SATPREET KAUR | M.A, M.Phil. |
| 3. Ms. RAJINDER KAUR MANN | M.A, M.Phil. |
| 4. Dr. GAURI HANDA | M.A, Ph.D |
| 5. Dr. NAVPREET KAUR | M.A, Ph.D (On Leave) |
| 6. Dr. MANINDER KAINTH | M.A, Ph.D |
| 7. Ms. SAMRATHA SHORI | M.A. |

ECONOMICS

- | | |
|--------------------------|---------------------|
| 1. Ms. NAVJIT KAUR (HOD) | M.A., M.Phil. |
| 2. Mr. JUPINDER SINGH | M.A., MBA, |
| 3. Mr. JAGPAL SINGH | M.A., M.Phil. |
| 4. Dr. HARSIMRAN SINGH | M.A., M.Phil., Ph.D |

FINE ARTS

- | | |
|--------------------------|-------------------|
| 1. Dr. AVNEET KAUR (HOD) | M.A., M.Ed., Ph.D |
|--------------------------|-------------------|

FOOD TECHNOLOGY

- | | |
|-------------------------|------------------|
| 1. Dr. AJAY SINGH (HOD) | M.Sc., MBA, Ph.D |
|-------------------------|------------------|

GEOGRAPHY

- | | |
|-----------------------------------|--------------|
| 1. Mr. ANUPREET SINGH TIWANA(HOD) | M.Sc., PGDDM |
|-----------------------------------|--------------|

HINDI

- | | |
|--------------------------------|----------------------------|
| 1. Dr. DALJIT KAUR TIWANA(HOD) | M.A., M.Phil., B.ED., Ph.D |
|--------------------------------|----------------------------|

HISTORY

- | | |
|-------------------------------|---------------|
| 1. Mr. HARBHINDER SINGH (HOD) | M.A., M.Phil. |
|-------------------------------|---------------|

JOURNALISM AND MASS COMM.

VACANT

POLITICAL SCIENCE

- | | |
|---------------------------|------------|
| 1. Dr. SATNAM SINGH (HOD) | M.A., Ph.D |
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PHYSICAL EDUCATION

VACANT

PSYCHOLOGY

- | | |
|---------------------------|-------------|
| 1. Dr. HARDEEP KAUR (HOD) | M.Sc., Ph.D |
|---------------------------|-------------|

RELIGION

- | | |
|---------------------------|----------|
| 1. Dr. GURBAJ SINGH (HOD) | M.A Ph.D |
|---------------------------|----------|

SOCIOLOGY

- | | |
|---|---------------------|
| 1. Dr. BALJINDER SINGH (HOD) (on leave) | M.A., M.Phil., Ph.D |
|---|---------------------|

COMMERCE

- | | |
|--|-------------------------|
| 1. Dr. BIKRAMJIT SINGH
(Dean Academics & HOD) | M.Com., B.Ed., Ph.D |
| 2. Mr. MOHAMAD ANWAR | M.Com. |
| 3. Dr. HARJEET KAUR | M.Com., Ph.D |
| 4. Dr. SHAMINDER KAUR | M.Com., Ph.D (on leave) |
| 5. Ms. RAVINDER KAUR | M.Com. |
| 6. Dr. RASHPALJEET KAUR | M.Com., M.Phil., Ph.D |
| 7. Ms. JASPREET KAUR | M.Com, B.Ed., |
| 8. Mr. GAGANDEEP SINGH | M.Com., M.Ed., PGDCA |

COMPUTER SCIENCE

- | | |
|---|----------------------|
| 1. Ms. RASHMI ARORA(DEAN) | MCA |
| 2. Dr. NAVDEEP SINGH | MCA, Ph.D |
| 3. Dr. HARJIT SINGH (HOD UG) | MCA, Ph.D |
| 4. Mr. DAVINDER SINGH | B.Tech., M.Tech. |
| 5. Mr. MUKESH KUMAR (HOD PG) | MCA, M.Tech., M.Phil |
| 6. Ms. HARSIMRAT CHAHAL | MCA |
| 7. Ms. RITU WALIA | MCA, M.Tech., M.Phil |
| 8. Ms. DEVINDER KAUR | MCA |
| 9. Ms. TARANPREET KAUR | MCA, M.Phil |
| 10. Dr. SANGEETA JOSHI | MCA, M.Phil, Ph.D |
| 11. Mr. BIRINDER SINGH | MCA, M.Phil |
| 12. Ms. MANPREET KAUR | MCA, M.Phil |
| 13. Mr. JOGA SINGH | M.Tech. |
| 14. Dr. KANWALDEEP KAUR (SystemAnalist) | MCA, Ph.D. |

MANAGEMENT STUDIES

- | | |
|------------------------------|-----------------------|
| 1. Dr. KAMALPREET KAUR (HOD) | M.Com., Ph.D |
| 2. Ms. SHIVANI BECTOR | MBA |
| 3. Mr. RATNESH PAL SINGH | B.Tech., MBA, M.Phil. |

PUNJABI

- | | |
|----------------------------|---------------------|
| 1. Dr. RAJINDER KAUR (HOD) | M.A, Ph.D |
| 2. Ms. MANMOHAN KAUR | M.A, B Ed., M.Phil. |
| 3. Dr. HARMINDER SINGH | M.A, M.Phil. Ph.D |
| 4. Dr. RASHID RASHEED | M.A, Ph.D |
| 5. Dr. JAGJIWAN SINGH | M.A, M.Phil. Ph.D |
| 6. Dr. SUKHJIT KAUR | M.A, M.Phil. Ph.D |

MATHEMATICS

- | | |
|---------------------------|----------------------|
| 1. Ms. NAMITA BERRY (HOD) | M.Sc., MPhil. |
| 2. Ms. POONAM CHAWLA | M.Sc. |
| 3. Ms. SHIVDEEP KAUR | M.Sc. |
| 4. Dr. RAJINDER PAL | M.Sc., M.Phil, Ph.D. |
| 5. Mr. SHAM BANSAL | M.Sc., M.Tech. |

MICROBIOLOGY

- | | |
|----------------------------|-------------|
| 1. Dr. SAURABH GUPTA (HOD) | M.Sc., Ph.D |
|----------------------------|-------------|

MUSIC (VOC) & GURMAT SANGEET

- | | |
|-------------------------|---------------|
| 1. Ms. SEEMA RANI (HOD) | M.A., M.Phil. |
|-------------------------|---------------|

PHYSICS

- | | |
|-----------------------------|-------------|
| 1. Dr. TEJINDER SINGH (HOD) | M.Sc., Ph.D |
| 2. Dr. NAVJEET KAUR | M.Sc., Ph.D |
| 3. Dr. RAMNEEK KAUR | M.Sc., Ph.D |
| 4. Dr. DEEPIKA JAIN | M.Sc., Ph.D |
| 5. Dr. GURPREET KAUR | M.Sc., Ph.D |

ZOOLOGY

- | | |
|---------------------------|----------------|
| 1. Ms. PARDEEP KAUR (HOD) | M.Sc., M.Phil. |
| 2. Dr. NAINA KHULLAR | M.Sc., Ph.D |

COMPUTER CENTRE

- | | |
|---|-----|
| 1. Mr. LALIT JOSHI (System Administrator) | MCA |
|---|-----|

LIBRARIAN

- | | |
|--------------------|--------------|
| 1. Ms. BABITA RANI | M.A., M.Lib. |
|--------------------|--------------|

Additional Faculty will be recruited before the start of new Academic session as per the requirement of different departments.

Life @ Campus



ਕਾਲਜ ਸ਼ਬਦ

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

(ਦਸਮ ਗ੍ਰੰਥ, ਪੰਨਾ 127)

AVAILABLE ACADEMIC COURSES

Post Graduate Degree Courses

- M.Sc. Zoology
- M.Sc. Agriculture (Horticulture - Fruit Sci.)
- M.Sc. Agriculture (Genetics & Plant Breeding)
- M.Sc. Agriculture (Agronomy)
- M.Sc. Agriculture (Soil Science)
- M.Sc. Agriculture (Horticulture-Vegetable Sci)
- M.Sc. (Hons.) Bio-Technology
- M.Sc. (Hons.) Micro-Biology
- M.Sc. Botany
- M.Sc. (Hons.) Food Technology
- M.Sc. Information Technology
- M.Sc. Information Technology (Lateral Entry)
- M.Sc. Physics
- M.Sc. Chemistry
- M.Sc. Mathematics
- Master of Business Administration (M.B.A.)
- Master of Computer Application (M.C.A.)
- M.Com.
- M.A. Journalism & Mass Comm.
- M.A. Economics, English, Punjabi, Fine Arts
- M.A. Political Science, Music (Vocal), Psychology

Post Graduate Diploma Course

- Post Graduate Diploma in Computer Applications (P.G.D.C.A.)
- Post Graduate Diploma in Counselling Psychology

Community College (Sponsored by UGC)

- Diploma in Dairy Sciences .

Certificate Course

- Certificate Course in Urdu
- Certificate Course in French
- Certificate Course in Computer Application
- Certificate Course in Disaster Management

Under Graduate Degree Courses

- B.Sc. (Hons.) Chemistry, Botany, Mathematics, Physics, Zoology,
- B.Sc. (Hons.) Agriculture
- B.Sc. (Computer, Statistics & Maths)
- B.Sc. (Hons.) Bio-Tech.
- B.Sc. (Hons.) Artificial Intelligence and Data Science
- B. Sc. (Hons.) Forensic Science
- Bachelor of Science (B.Sc.) Medical & Non-Medical
- Bachelor of Business Administration (B.B.A.)
- Bachelor of Computer Application (B.C.A.)
- B.Com (Hons.)
- B.Com (Accounting & Finance)
- B.Com
- B.A. (Journalism and Mass Communication)
- B. A. (Hons.) Social Sciences
- B.A. (Hons.) English, Economics
- B.A. (with 21 Elective Subjects)

Vocational Courses (Sponsored by UGC)

- B. Vocational (Retail Management)
- B. Vocational (Software Development)
- B. Vocational (Nursery Management)
- B. Vocational (Food Processing)

Job Oriented Add On Courses

(At Under Graduate Level)

- Floriculture • Seed Technology

Short Term Skill Development Course

- Computer Fundamentals

Online Diploma Course

- Online Diploma Course in Work From Home
- Online Diploma in Soft Skills
- Online Diploma Course in Digital Employment
- Online Diploma Course in Physical and Mental Well-being.

Mata Gujri College, Sri Fatehgarh Sahib

An Autonomous College

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Affiliated to Punjabi University, Patiala
"Star College Scheme" of DBT, GOI

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Science
78146-21023

Arts
78147-21023

Computer
78148-21023

Management Studies
98761-73019

Agriculture
78149-21023