



50 Years  
Celebrating  
Golden Jubilee

# Prospectus

2017-18

**Multani Mal Modi College, Patiala**

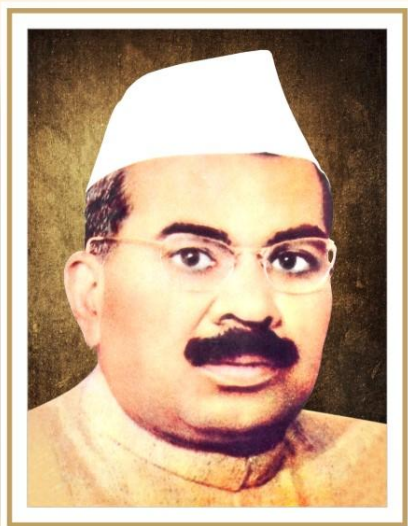
Reaccredited by NAAC with Grade 'A' - 3.26 CGPA  
College with Potential for Excellence – CPE (II) by UGC

# *Our Founding Fathers*



*Rai Bahadur Seth Multani Mal Modi*

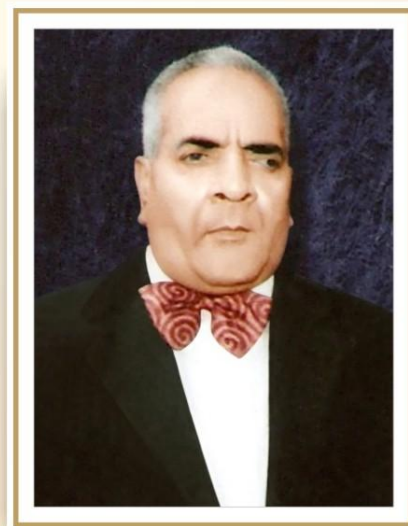
in whose sacred memory the college was founded in 1966



*Padam Bhushan*

*Rai Bahadur Seth Gujar Mal Modi*

A Visionary Entrepreneur & Builder of Modi Industrial Empire



*Seth H R Modi*

Torchbearer of Industrial Legacy



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15	B Com - (Honours)
16	B C A (Bachelor of Computer Applications)
16	B Sc - (Fashion Technology)
17	B Sc - CSM
17	B Sc - (Honours School) in Mathematics
18	B Sc - (Bio-Technology)
18	B.Voc. (Software Development)
18	B.Voc. (Industrial Waste Treatment Technology)
19	M Sc - (Chemistry)
19	M Sc - (Pharmaceutical Chemistry)
20	M Sc - (Bio-Technology)
20	M Sc - (Food & Nutrition)
20	M Sc - (Fashion Design & Technology)
21	M Sc - (Mathematics)
21	M Sc - (Information Technology)
21	M Sc - (Information Technology (Lateral Entry))
22	M Com - (Master of Commerce)
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22	PGDCA - (PG Diploma in Computer Applications)
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Seth Sudarshan Kumar Modi  
Chairman  
Managing Committee  
Multani Mal Modi College, Patiala

*Multani Mal Modi College  
has a proud history of  
providing value based  
quality education to its students  
since its inception in 1967.*

*This prestigious institution is  
fully conscious of the fact  
that education is not merely  
about acquiring knowledge.  
It is more about learning skills,  
building character and  
improving employability.*

## Chairman's Message

It gives me immense pleasure to welcome young learners to this prestigious institution and felicitate them on becoming a part of the MM Modi College family.

Multani Mal Modi College has a proud history of providing value based quality education to its students since its inception in 1967. Our College has a consistent record of excellence in academics, co-curricular and sports activities. It is certainly no exaggeration that Modi College has become a brand name in Northern India in the field of higher education. The re-accreditation by NAAC with Grade 'A' and the status of 'College with Potential for Excellence' CPE-II by the UGC in 2016 bear the testimony to the quality of its professional competence.

This prestigious institution is fully conscious of the fact that education is not merely about acquiring knowledge. It is more about learning skills, building character and improving employability. We never lose sight of these emerging trends and in view of this; the institution offers many courses which are traditional and modern as well as vocational and professional in nature. The focus is to empower the students with distinct attributes for being able to find suitable employment. This college provides a stimulating and challenging environment in which our students learn, develop and dig deep into their true potentialities and become a global student.

I take this opportunity to convey my best wishes and blessings to the young entrants. I hope, with the right and positive approach, you will attain the pinnacle of success and take this institution to new heights of glory.

Seth Sudarshan Kumar Modi





Dr Khushvinder Kumar  
Principal  
Multani Mal Modi College, Patiala

*The jubilee year is not merely to be jubilant but to assess and to reaffirm our vision, mission and objectives.*

*In the Globally competitive world, education system needs to be reoriented regularly, so that we can match strides with the emerging trends in educational arena.*

## Principal's Message

The jubilee year is not merely to be jubilant but to assess and to reaffirm our vision, mission and objectives. We are contented to some extent that still after the completion of 50 years of existence, our commitment to forward-looking vision and providing affordable education to the needy and under privileged is continued.

In the Globally competitive world, education system needs to be reoriented regularly, so that we can match strides with the emerging trends in educational arena. It should inculcate a sense of dynamism and provide an environment where students can participate in the vibrant social and intellectual life of the college. This is not an easy task because it requires state-of-the-art infrastructure as well as highly motivated and dedicated faculty. We are very fortunate in this respect because over the last five decades, we have been engaged in building and augmenting these two resources.

We understand that curriculum, as provided by the universities lays strong theoretical foundation for understanding the intricacies of the subject, but this leaves certain gaps in the preparation of the students to face the real world challenges. New initiatives are taken from time to time to provide good exposure to the students to have feel of the actual world of workplace environment.

I congratulate and welcome you all to the golden jubilee year of establishment of the Multani Mal Modi College (NAAC re-accredited 'A' Grade with CGPA 3.26). I am confident that your whole-hearted commitment to learning and sustained efforts will take you to new levels of wisdom, ultimately helping you to be good human beings capable of serving the society.

Dr Khushvinder Kumar

# College Profile



तमसो मा ज्योतिर्गमय  
"Lead Me from Darkness to Light"

## VISION & MISSION

To be a forward looking institution which provides quality education at affordable price and make the students humane and conscious of contemporary societal concerns.

## OBJECTIVES

- To provide an environment where young minds are enthused to be creative and innovative.
- To provide level playing field for economically disadvantaged, socially neglected and differently abled students.
- To sensitise students to social, economic, cultural and environmental issues.
- To provide opportunities where latent talent of the students can bloom.
- To design programmes for training students to imbibe scientific, logical and critical thinking for encountering challenges.
- To facilitate skill building of the staff for smooth transition from teacher-centred model to student-centred model of education.
- To develop and sustain a caring and supportive climate for promoting individual and collective excellence.
- To build state-of-the-art infrastructure equipped with latest technology in order to enrich the teaching learning experience.
- To align the knowledge delivery system to shifting pedagogical paradigms.

Multani Mal Modi College, adorning the cultural city of Patiala, is synonymous with academic excellence. Located in the heart of the city, the college is a multi-faculty, co-educational institution established by Padam Bhushan, Rai Bahadur Seth Gujjar Mal Modi in the cherished memory of his illustrious father, Rai Bahadur Seth Multani Mal Modi. The foundation stone of the college was laid by Dr. Dharam Vir, ICS, the then Governor of Punjab on Sept. 21, 1966 and the first academic session commenced in July 1967. The National Assessment and Accreditation Council (NAAC) Bangalore has reaccredited it with Grade 'A' and CGPA 3.26 on 4 point scale. University Grants Commission (UGC) has conferred upon us the status CPE-II for the excellent performance of the college in academic and research activities.

The magnanimous and enlightened Managing Committee of the college is headed by its visionary Chairman, Seth Sudarshan Kumar Modi, who is firmly committed to fulfilling the dreams and ideals of his illustrious grandfather. 2017 is being celebrated as Golden Jubilee Year of the College. We are proud to celebrate our other achievements in academic, sports & co-curricular activities also. During this period, it has established itself as a leading Educational Institution of Malwa region offering Graduate and Post-Graduate Courses in the faculty of Arts, Commerce, Science, Computer, Management & Fashion Technology with strength of more than 4700 students. The old students of this college- Modiites - occupy positions of eminence in all walks of life which include academicians, doctors, engineers, administrators, scientists, sportspersons, soldiers, artists, social reformers and politicians. The college strives to fulfil its mission to provide educational opportunities to all the aspiring youth to excel in life by developing academic excellence, fostering values, creating civic responsibility and building global competencies in a dynamic environment.

## Highlights

- A beautiful lush green campus in the heart of the city.
- Computerised library with more than 60,000 books, journals and periodicals.
- Central Instrumentation Laboratory for advanced learning and research.
- Digital Language Laboratory.
- Career Guidance and Placement Cell.
- Remedial Classes and Bridge Courses.
- Coaching for competitive examinations.
- Well-equipped Science/Computer laboratories.
- Departmental societies/clubs to inculcate values to ensure the all round development of the student.
- Student Counseling Centre.
- The student information system support.
- Botanical Garden, Herbarium and Zoology Museum.
- Eco-friendly Campus with Rain Water Harvesting System.



## Courses offered

Courses	Duration	Eligibility
B A	3 Years	10+2
B Com	3 Years	10+2
B Com (Honours)	3 Years	10+2
B Sc (Medical/ Non Medical)	3 Years	10+2 with Science
B Sc (Computer Science)	3 Years	10+2 Non-Medical
B Sc (Bio Technology)	3 Years	10+2 with Science
B Sc (Honours School) in Mathematics	3 Years	10+2 with Mathematics
B Sc (Computer Science, Statistics, Mathematics (CSM))	3 Years	10+2 with Mathematics
B Sc (Fashion Technology)	3 Years	10+2
B Voc in Software Development	3 Years	10+2 or equivalent in any stream
B Voc in Industrial Waste Treatment Technology	3 Years	10+2 or equivalent in any stream
BBA	3 Years	10+2
BCA	3 Years	10+2
PG Diploma in Computer Applications	1 Years	Graduation in any stream
PG Diploma in Dress Designing & Tailoring	1 Years	Graduation in any stream
MA Punjabi	2 Years	Graduation with 50% marks
M Com	2 Years	B Com, BBA
M Sc Bio-Technology	2 Years	B Sc
M Sc Chemistry	2 Years	B Sc with Chemistry
M Sc Fashion Design & Technology	2 Years	Graduation in any Stream
M Sc Information Technology	2 Years	Graduation in any Stream
M Sc Information Technology (Lateral Entry)	1 Years	PGDCA with 50% Marks
M Sc Mathematics	2 Years	B A/B Sc with Mathematics
M Sc Pharmaceutical Chemistry	2 Years	B Sc with Chemistry
M Sc Food & Nutrition	2 Years	B.Sc. (Home Sci./Med./Non-Med./ Biotech./ Biochem./ Microbiology) with atleast 50% marks

### UGC Sponsored Add-on Courses

- Spoken English for Communication Skills
- Journalism and Mass Communication
- Computerized-Accounting

# COLLEGE ADMINISTRATION

**CHAIRMAN, MANAGING COMMITTEE**  
Seth Sudarshan Kumar Modi

**VICE-CHAIRMAN**  
Seth Tarun Kumar Modi

**PRINCIPAL**  
Dr Khushvinder Kumar

## DEANS

**Commerce (General & Honours)**

Prof Nirmal Singh

**Arts**

Prof (Mrs) Poonam Malhotra

**Co-curriculum**

Prof Sharwan Kumar

**Publications**

Prof (Mrs) Baljinder Kaur

**Students' Welfare**

Prof (Mrs) Poonam Malhotra - Girls

Prof V P Sharma - Boys

**Sports**

Dr Gurdeep Singh Sandhu

**Life Sciences**

Dr Ashwani Sharma

**Physical Science**

Dr Rajeev Sharma

**Research**

Dr Sanjay Kumar

## BURSAR

Prof Nirmal Singh

## CO-ORDINATORS

**Technology & Management**

Prof (Mrs) Poonam Malhotra

**B Com (Professional)**

Prof Sharwan Kumar

**Fashion Design & Technology**

Prof (Mrs) Baljinder Kaur

## CONVENER UGC CELL

Prof Sharwan Kumar

## CAREER COUNSELLING CELL

Prof Rohit Sachdeva

Dr Kuldeep Kumar

Prof (Mrs) Parminder Kaur

## REGISTRAR

Dr Ajit Kumar

## DEPUTY REGISTRAR

Prof Ganesh Kumar Sethi

## ASSISTANT REGISTRAR

Dr Kuldeep Kumar

## NCC OFFICERS

Capt V P Sharma - Boys

Prof (Ms) Poonam Sharma - Girls

## NSS PROGRAMME OFFICERS

Dr Rajeev Sharma

Prof (Mrs) Jagdeep Kaur

Prof Harmohan Sharma

## MEDICAL OFFICER

Dr Kewal Krishan

## Contact Details

Prof Nirmal Singh  
Prof (Mrs) Poonam Malhotra  
Prof Sharwan Kumar  
Prof (Mrs) Baljinder Kaur  
Prof V P Sharma  
Dr Gurdeep Singh Sandhu  
Dr Ashwani Sharma  
Dr Rajeev Sharma  
Prof (Mrs) Jagdeep Kaur

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94174 65833  
98769 69762  
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94173 75266  
98141 07714  
94174 35707  
98789 88116

Dr Ajit Kumar  
Prof Ganesh Kumar Sethi  
Prof Harmohan Sharma  
Prof Rohit Sachdeva  
Prof (Ms) Poonam Sharma  
Dr Sanjay Kumar  
Dr Kuldeep Kumar  
Prof (Mrs) Parminder Kaur

98555 44225  
98147 96127  
98881 18855  
81467 00347  
97804 50427  
98883 39791  
98760 89356  
94172 43747





## TEACHING FACULTY

Prof Nirmal Singh, MCom  
 Prof (Mrs) Poonam Malhotra, MA, MPhil  
 Prof Sharwan Kumar, MCom, MPhil  
 Prof (Mrs) Baljinder Kaur, MA, MEd, MPhil  
 Prof (Mrs) Shailendra Kaur, MA, MPhil  
 Prof Ved Parkash Sharma, MA (Gold Medalist), MPhil  
 Prof (Mrs) Jasvir Kaur, MA, MPhil  
 Dr Gurdeep Singh Sandhu, MA, MPhil, NET, PhD  
 Prof (Mrs) Neena Sareen, MCom, MPhil  
 Dr Ashwani Kumar, MSc, NET, PhD  
 Dr Rajeev Sharma, MSc, MPhil, PhD  
 Prof (Mrs) Jagdeep Kaur, NET, MSc  
 Dr (Mrs) Manjit Kaur, MA, MPhil, PhD  
 Dr Neeraj Goyal, MBE, MCom, NET, PhD  
 Prof Vinay Garg, MCA  
 Dr Ajit Kumar, MCA, MPhil, PhD  
 Prof Ganesh Kumar Sethi, MCA, MSc (Maths),  
 NET (Maths & Computer Science)  
 Prof Harmohan Sharma, MCA  
 Dr Sukhdev Singh, MCA, MPhil, PhD  
 Prof Sumeet Kumar, MCA, MPhil  
 Prof Rohit Sachdeva, MCA, MPhil

Prof (Ms) Poonam Sharma, MCA, MPhil  
 Dr Sanjay Kumar, MSc, NET, PhD  
 Dr Kuldeep Kumar, MSc, NET, PhD  
 Sh Nishan Singh, MPed, MPhil, NIS (SO)  
 Prof (Mrs) Parminder Kaur, MCom, MBA, NET, MPhil  
 Dr (Mrs) Deepika Singla, MCom (Gold Medalist), NET, PhD  
 Dr Varun Jain, MSc, MPhil, NET, PhD  
 Prof (Mrs) Chetna Gupta, MSc, NET  
**Faculty on Contract Basis**  
 Dr (Ms) Veerpal Kaur, MA, MPhil, NET, PhD  
 Prof (Mrs) Vaneet Kaur, MA, MPhil, BEd, NET  
 Dr Davinder Singh, MA, MPhil, NET, PhD  
 Dr (Mrs) Amandeep Kaur, MA, MPhil, NET, PhD  
 Prof (Ms) Bhanvi Wadhawan, MSc, NET, PhD  
 Dr Rupinder Sharma, MA, NET, PhD  
 Dr (Mrs) Santosh Bala, MSc, PhD  
 Prof Harneet Singh, MPed, NIS, NET  
 Prof (Ms) Cheena Chawla, MA, MPhil, NET  
 Dr (Mrs) Pooja Rani, MSc, NET, PhD  
 Dr Harjinder Singh, MSc, NET, PhD  
 Dr (Mrs) Kavita, MSc, PhD

## ADMINISTRATIVE AND TECHNICAL STAFF

### General Office

Supdt - Vacant  
 Sh D N Yadav  
 Sh Jaswinder Singh  
 Sh Ajay K Gupta  
 Sh Ajit Singh  
 Sh Nirmal Kumar Ghai (RE)  
 Sh Uttam Singh - (RE)

### Accounts Office

Accountant - Vacant  
 Sh Sanjay Gupta  
 Sh Rakesh K Gupta (RE)  
 Sh Gurbachan Singh Bains (RE)

### Computer Operator

Sh Vinod Sharma, MCA

### Laboratory Staff

Sh Sham Lal Sharma - SLA (Geography)  
 Sh Het Singh - JLA (Zoology)  
 Sh Harbhajan Singh - Physics (RE)  
 SLA (Chemistry) - Vacant  
 JLA (Botany) - Vacant

### Table Instructor

Vacant





# Students' Support Services

## NATIONAL CADET CORPS (NCC)-Unity & Discipline!

The National Cadet Corps is an organization aiming at the development of leadership, character, comradeship, spirit of sportsmanship and the ideal of service among the youth in educational institutions. Unity implies our basic oneness and Discipline is the very bedrock on which any growing nation is founded. The college has an NCC Coy. comprising of 55 cadets. The NCC Coy. for girls has 41 cadets on roll. Training to students (cadets) is given through drills, parades, camps and various outdoor activities under the guidance of NCC Officers.

## NATIONAL SERVICE SCHEME (NSS)-Not me but You!

Launched as a student youth service programme, in the Mahatma Gandhi Centenary year 1969 National Service Scheme (NSS) aims at arousing social consciousness of the youth with an overall objective of personality development of the student through community service.

Regular Activities :

Women Empowerment, Helping Social Welfare Institutions Career Guidance, Blood Donation Camp, Projects on Environment, Tree Plantation, First-aid, Traffic Regulation, AIDS Awareness

### Red Ribbon Express Club

Red Ribbon Express Club has been constituted in the college to spread the message on AIDS Awareness in their immediate environment. The relevant information, educational and communication material is demonstrated and disseminated to the college students.

### Legal Aid Awareness Club

This club aims to make the students aware of their fundamental and legal rights. We take the support and services of eminent lawyers in conducting seminars which highlight the most commonly occurring legal problems in a student's life and solutions for the same.

### Junior /Youth Red Cross

The college boasts of the 50 -member Junior / Youth Red Cross team involved in relevant activities.

## CO-CURRICULAR ACTIVITIES

Co-curricular activities play a very significant role in developing the personality of the students. We provide opportunities to the students to participate in literary, cultural, theatre and fine arts activities. By participating in Youth Festivals and other competitions, the students add a new and meaningful dimension to their personality, thus fulfilling the desired purpose of education and learning.

The annual Talent Hunt Competition facilitates to pick out the talent amongst the young generation of enthusiastic students possessing an artistic bent of mind. The students compete in the areas of Oratory Skills, the varied forms of Music & Dance, and also venture into realms of Fine Arts & Theatre/Dramatics.

## CAREER COUNSELLING AND PLACEMENT CELL

The college has a dynamic and a well established Career Counselling & Placement Cell. The career counselling & placement cell looks after the useful and purposeful Career Guidance Programs (CGP), Soft Skills Programs, Personality Development Programs (PDP) and Project Guidance. After training programs, campus/off-campus interviews are arranged for eligible candidates. The CC&P Cell continuously interacts with the renowned MNCs and reputed companies for creating more employment opportunities.

## COLLEGE MAGAZINE - The Luminary

Annual publication of the college magazine The Luminary is a regular feature of our college. Not only does it provide an authentic and systematic record of the achievements and endeavours of the college in a lucid and attractive manner, but it also gives space and voice to certain deep-seated emotions, ideas, opinions and viewpoints of the students and the teachers.

## FINISHING SCHOOL PROGRAMME

Finishing School Programme is a new initiative. It is the modular programme developed by a group of teachers from various faculties. This programme is an exclusively in-house developed course which acts as a bridge between the college life and the professional life apart from enhancing the employability quotient of the outgoing students.

## GENERAL STUDIES CIRCLE

This platform provides an opportunity to our young inquisitive minds to explore various genres of literature to get acquainted with the latest knowledge of wide variety of subjects. This enables them to sharpen their skills for performing better in their competitive exams as well as in their regular studies. The objective of this Circle is to let the students understand that gaining of knowledge and wisdom is an unending life-long process. These efforts, we hope, will promote reading habits among the students which in the present age of information and technology is vanishing at an alarming speed.

## PHOTOGRAPHY CLUB

We, human beings, are always interested in recalling our happy moments. In fact, we always want to re-live those beautiful moments. Photography is a medium to capture our present with the intention to make it a part of our permanent memory. Our Photography Club provides a platform where our budding artists are trained to capture unforgettable moments in an artistic manner.

## ECO CLUB

Though, Patiala is one of the best liveable cities with the lowest level of pollution, still we Patialvies are deeply concerned with the adverse effects of environmental changes. Deforestation is turning our beautiful forests into nude and ugly landmass. Intolerable level of emission of CO<sub>2</sub> by the industry, progressively increasing rate of growth of population and its immense burden on natural resources have led to global warming. As a consequence of this, our glaciers are melting and the sea level is rising, islands are submerging and increasing the pressure of population on coastal areas. Eco Club of our college keeps our students fully informed about these environmental changes and encourages them to act as eco - ambassadors.

## HERITAGE SOCIETY

Patiala is a royal city and is popularly known as the cultural capital of Punjab. This city can boast of its beautiful Mughal and Rajasthani architecture, world renowned Patiala Gharana and Medal Gallery in Sheesh Mahal, its 18th century fort - Quila Mubarak - palaces and gardens. This city is also famous for Patiala Shahi Pagri, Patiala Salwar, Prandas, Nallas, Phulkari, Patiala Jutti and of course for Patiala-peg. Through this Society our endeavour is to make the young students aware of their rich heritage and draw inspiration to strive to reach those levels of perfection of their elders which made this city world famous. We want that our students should be proud of being Patialvies.







# Rules and Regulations

- The parents and the students are required to go through the prospectus carefully before signing the Admission Form. Once the form is signed the total responsibility of having read the rules and regulations lies upon the parents and the students and they shall be bound by the same.
- Attendance in the HOUSE EXAMINATION, conducted by the college, is compulsory. The college will take strict disciplinary action against the student, who remains absent in the House Examination. Re-exam may be allowed by the Principal in special cases.
- The students are required to fulfil the following eligibility conditions for appearing in the final examination of Punjabi University, Patiala :
  - The student must have attended at least 75% lectures in Theory and Lab, separately for each subject.
  - He/She must have cleared the house exam conditions in each semester.
  - He/She must have cleared all the dues of the college.
- In case they fail to fulfil any of the above said conditions, the students will be detained from appearing in the final examination of Punjabi University, Patiala. It is the responsibility of the students to apprise their parents of all the rules and regulations of the college.
- Any student found guilty of misbehaviour / disobedience shall be rusticated from the college.
- Parents are welcome to enquire about the progress of their wards.
- All the students are required to follow the Academic Calendar of the College.
- As per directions of the Hon'ble High Court, students are not to travel in any unsafe vehicle like truck/tractor in their own interest. They are further advised to observe traffic rules strictly & wear a helmet.
- Reservation for admission is applicable as per Punjab Govt./Punjabi University norms.

**NO RAGGING**

## WARNING AGAINST RAGGING

As per the directions of the  
Hon'ble Supreme Court of India,

Ragging is the criminal offence and is totally banned and anyone found guilty of indulging in ragging and/or abetting ragging is liable to be severely punished.

Students are advised to visit the college website [www.modicollege.com](http://www.modicollege.com) regularly to update themselves with the latest activities organised in the college as well as with the notifications loaded there, on android app & facebook page.

## THE ON-CAMPUS CODE OF CONDUCT

### Do

- Always carry the Identity Card with you. It must be shown to the college staff on demand.
- In case of loss, duplicate identity card may be issued on payment of prescribed fee and a copy of F.I.R. for the loss of identity card.
- Check the notice board daily.
- Switch off the fans and lights while leaving the classrooms.
- Be regular and punctual to the classes.

### Do not

- Indulge in Ragging as it is strictly prohibited.
- Litter the campus.
- Carry eatables in the academic area.
- Scribble on the walls and the college property.
- Use mobile phones in the college.
- Honk the vehicle horn in the campus.
- Keep heavy cash and valuables in bags/wallets.
- Stand and shout in the corridors.

## Cycle/Scooter Stand Rules

- The students must park their vehicles in the Cycle / Scooter Stand. **No body is allowed to park the vehicles on the road. Cars are not allowed.**
- Students should get the number of their vehicles marked from the Cycle/Scooter-stand Incharge and get token for it from the person on duty, daily.
- Do not sit on the parked vehicles.
- The students are advised to get their cycles/scooters/motorcycles insured against theft.

## House Examination

- House Examination for semester system classes will be held twice in each semester.
- A student must get prior permission from the Principal for his/her inability to be present in the House Examination.
- The students, who do not qualify the house examination as per University Rules or remain absent during the house exam., they may be allowed to appear in the Special House Examination with the Principal's permission. **Such students will have to pay re-examination fee as decided by the college authorities.**



# Admission Procedure

- The student should :
  - go through the prospectus carefully.
  - fill in the form neatly and completely in his/her own handwriting.
  - get it signed from his/her parents/guardian.
  - get it checked from the Subject Verification Committee.
  - appear for counseling before the Admission Committee.
- Admission will be given on the basis of merit of qualifying exam as per university rules. Students, who have been on the rolls in the previous year, will lose their claim on late arrival.
- In case of delay in the payment of fees, the form will need re-validation by the Prof-in-Charge of Admission Committee.
- The selected candidates will have to deposit the fees in the college Accounts Office at the time of counseling, otherwise they will lose their claim to the seat.
- No form without the photograph and required documents will be entertained.

## Certificates Required at the time of admission

- The duly filled application form with photographs, should be submitted to the college office as per scheduled date displayed on the notice board.
- The dates of counseling will be displayed on the college notice boards and the applicants are required to read these notices and remain in touch with the college office.
- Attested copies of the following documents should be enclosed with the form:
  - Detail Marks Card of Matriculation, Senior Secondary Certificate and last examination passed.
  - Proof of Date of Birth.
  - Character Certificate from the Head of the institution last attended.
  - Eligibility Certificate from Punjabi University, Patiala, in case of the students from Board/University outside Punjab.
  - Migration/Discharge Certificate in case of students from the Board other than PSEB and the University other than Punjabi University.
  - A student found to have submitted false documents shall be responsible himself/herself and his / her admission shall be cancelled immediately and legal proceedings may follow.

### IMPORTANT

**As per the letter no. 3681-3826/ਕਾਲਜ/ਸ-4 dated 18-4-2012 of Punjabi University, Patiala**

...ਡੀਨ, ਕਾਲਜ ਵਿਕਾਸ ਕੌਂਸਲ ਦੇ ਹੋਏ ਆਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਸੂਚਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਬੋਰਡ ਆਫ਼ ਹਾਇਰ ਸੈਕੰਡਰੀ ਐਜੂਕੇਸ਼ਨ, ਦਿੱਲੀ ਤੋਂ 10+2 ਪਾਸ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਕਿਸੇ ਵੀ ਕਲਾਸ ਵਿੱਚ ਦਾਖਲਾ ਨਾ ਦਿੱਤਾ ਜਾਵੇ ।

**As per the letter no. 5413-5558/ਕਾਲਜ/ਸ-4 dated 23-5-2012 of Punjabi University, Patiala**

...ਡੀਨ, ਕਾਲਜ ਵਿਕਾਸ ਕੌਂਸਲ ਦੇ ਹੋਏ ਆਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਸੂਚਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਕੌਂਸਲ ਆਫ਼ ਸੈਕੰਡਰੀ ਐਜੂਕੇਸ਼ਨ, ਪੀ.ਐਮ.ਸੀ. (ਪੰਜਾਬ) ਕੈਂਪਸ, ਮੋਹਾਲੀ ਕਿਸੇ ਵੀ ਸਰਕਾਰ ਤੋਂ ਮਾਨਤਾ ਪ੍ਰਾਪਤ ਨਹੀਂ ਹੈ । ਇਸ ਲਈ ਇਸ ਸੰਸਥਾ ਤੋਂ 10+2 ਪਾਸ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਕਿਸੇ ਵੀ ਅਗਲੀ ਕਲਾਸ ਵਿੱਚ ਦਾਖਲਾ ਨਹੀਂ ਦਿੱਤਾ ਜਾਵੇਗਾ ।



All female staff members and female students can approach this Cell for the early redressal of their grievances. It is constituted in such a manner that they can raise all gender issues without any inhibition and help the college administration in taking correct decisions without any delay. It ensures that all women and girls do not encounter any difficulty during their stay in the college.



# Academic and Co-academic Calendar

## Academic Calendar

Opening of the College after the Summer Vacation  
 Admission for Degree Classes (without late fee)  
 With late fee of ₹500 and Principal's permission  
 With late fee of ₹1000 and approval of Dean CDC  
 With late fee of ₹1500 and approval of the Vice-Chancellor  
 With late fee of ₹2000 and approval of the Academic Council  
 and the Vice-Chancellor  
 Admission for PG Courses  
 Commencement of the Academic Session

10 July, 2017  
 Up to 17 July, 2017  
 18 July to 29 July, 2017  
 1 August to 10 August, 2017  
 11 August to 19 August, 2017  
  
 21 August to 31 August, 2017  
 As per Punjabi Uni. Schedule  
 17 July, 2017

### University Semester Exams

#### Odd Semester

24 Nov, 2017 onwards

#### Even Semester

05 May, 2018 onwards

### Vacation Schedule

#### Summer Vacation

30 May to 08 July, 2017

#### Autumn Vacation

28 Sep to 09 Oct, 2017

#### Winter Break

26 Dec, 2017 to 6 Jan, 2018

### House Exam Schedule (Semester System)

Odd Semester MSTs-I	1st Week of Sept. 2017
Odd Semester MSTs-II	Last Week of Oct. 2017
Even Semester MSTs-I	1st Week of March 2018
Even Semester MSTs-II	15 April, 2018 onwards

## Co-Academic Calendar

- Workshop on Art and Craft
- Summer Training by Biological Science Dept.
- Workshop on Techniques in Biological Sciences
- Orientation Week (for entry level students)
- Enrolment of players for various sports
- Enrolment of NCC and NSS
- Training workshop on Plant Tissue Culture
- Nutrition Week and Cafeteria
- Talent Hunt - 2017
- Workshop on Waste Management
- NSS Camp
- United National Day
- Extension Lectures
- Science Fair
- Essay Writing Competition
- Books Exhibition
- Modi Jayanti
- Blood Donation Camps
- Tours and Excursions
- Release of the College Magazine
- 'Technoquest' by the Comp. Sc. Dept.
- Workshop by Department of English
- Finishing School Programme Week (for outgoing students)
- Remedial Classes
- National Symposium on Emerging Trends in Biological Sciences
- National Science Conference (RACES)
- Workshop on Direct and Indirect Taxes
- National Science Day Celebrations
- Mother Tongue Day
- Exhibition by the Dept of Fashion Designing
- Conference/Seminar by Commerce Department
- Prize Distribution Function & Convocation

2-12 May, 2017  
 June, 2017  
 July, 2017  
 17-21 July, 2017  
 17 July, 2017 onwards  
 17 July to 14 August, 2017  
 7-8 September, 2017  
 September, 2017  
 16 September, 2017  
 23-30 September, 2017  
 September/December, 2017  
 24 October, 2017  
 1st Week of October 2017  
 14 October, 2017  
 17 October, 2017  
 17 October, 2017  
 21 October, 2017  
 October 2017  
 (and on the requisition of GRMCH, Patiala)  
 October 2017 and March, 2018  
 October, 2017  
 October, 2017  
 November, 2017  
 November, 2017 and April, 2018  
 November, 2017 and April, 2018  
  
 10-11 November, 2017  
 November 2017  
 12-13 February, 2018  
 20 February, 2018  
 21 February, 2018  
 February, 2018  
 March, 2018  
 March, 2018



## University Merit Holders 2015-16



**Rajni**  
1st in MSc-II  
(Pharma Chemistry)



**Neha Rani**  
1st in BSc-III  
(Fashion Technology)



**Kirti**  
1st in BSc-II  
(Fashion Technology)



**Reetika Sachdeva**  
1st in BCom-I



**Mitu Bhatia**  
2nd in MSc-II  
(Pharma Chemistry)



**Sandeep Kaur**  
2nd in BSc-III  
(Fashion Technology)



**Vishal**  
2nd in BSc-II  
(Computer Science)



**Kush Garg**  
2nd in BSc-II  
(MCM)



**Divya**  
2nd in BCom-I



**Amandeep Kaur**  
3rd in MSc-II  
(Bio-Technology)



**Gouri Sharma**  
3rd in MSc-II  
(Pharma Chemistry)



**Rithampreet Kaur**  
3rd in BSc-III  
(Bio-Technology)



**Mehak Taneja**  
3rd in BSc-III  
(Fashion Technology)



**Amandeep Kaur**  
3rd in BSc-III  
(MCM)



**Gorika Thakur**  
3rd in BSc-II  
(MCM)



**Pashmeen Kaur**  
4th in BSc-III  
(Fashion Technology)



**Nancy Verma**  
4th in BSc-II  
(Fashion Technology)



**Ankita Garg**  
4th in BCom-I



**Pushpa**  
4th in BCom-I  
(Hons)



**Shivali**  
5th in MCom-II



**Amritpal Kaur**  
5th in BSc-III  
(Fashion Technology)



**Sachin Singla**  
5th in BSc-II  
(MCM)



**Kashish Garg**  
5th in BCom-I



**Gurvinder Kaur**  
6th in MCom-II



**Chandani Jain**  
6th in BCom-II



**Kanchi Arora**  
7th in BCom-I



**Pahul Pk Sandhu**  
7th in BSc-I  
(Medical)



**Simran Singla**  
8th in BCom-I



**Arshpreet Kaur**  
8th in BSc-I  
(Medical)



**Ajay Kansal**  
9th in BCom-I



**Simranjeet Kaur**  
9th in BCom-I  
(Hons)



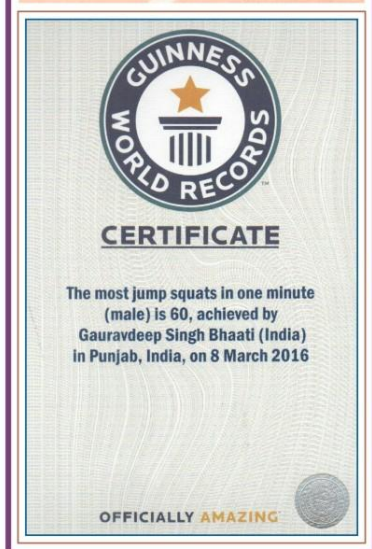
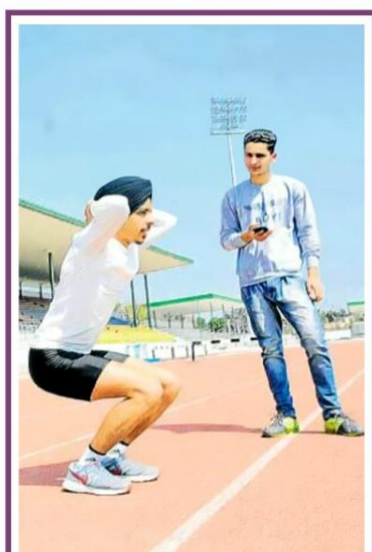
**Shaffy**  
10th in BCom-III  
(Prof)



**Jaspreet Kaur**  
10th in BSc-I  
(Medical)



## Sports Achievements (2016-17)



Madhu Vedwan receiving Gold Medal in Archery (Recurve) at World Ranking Tournament, Taiwan, China.

### Sports Stars at International Sports Arena



Rajbeer Singh



Pankaj Garg



Shivjot Gill



Jyotika Dutta



Reyaj Puri



Mayank Markande



Dr. Jaspal Singh, VC, Punjabi University, Patiala, Felicitating Principal (Dr) Khushvinder Kumar for Overall Champion in Punjabi University Inter-College Tournamnets.

## Punjabi University Inter-College Championships

### Winners

#### Men

Cycling (Road)  
Wusho (Sanshou)  
Canoeing  
Judo  
Boxing  
Basket Ball  
Pistol Shooting  
Body Building  
Power Lifting  
Wrestling (Free Style)  
Wrestling (Greco)  
Cycling (Track)  
Archery (Recurve)  
Yatching  
Cricket  
Football

#### Women

Wusho (Talu)  
Wusho (Sanshou)  
Canoeing  
Fencing (Sabber)  
Boxing  
Pistol Shooting  
Rifle Shooting  
Taekwondo  
Kayaking

#### Mix Team

Archery (Recurve)

### 1st Runners' Up

#### Men

Wusho (Talu)  
Tennis  
Athletics  
Taekwondo

#### Women

Judo  
Squash Racket  
Weight Lifting  
Archery

### 2nd Runners' Up

#### Men

Cricket  
Base Ball

#### Women

Rowing  
Swimming  
Power Lifting

#### Mix Team

Tug of war



# B.B.A.

## Bachelor of Business Administration

Eligibility : 10+2  
Seats: 50

### Semester - I

- Communication Skills in Punjabi/ Elementary Punjabi
- Business Economics-I
- Business Mathematics
- Business Organization & Management Principles-I
- Workshop on Computer Applications
- Seminar

### Semester - II

- Communication Skills in Punjabi/ Elementary Punjabi
- Communication Skills in English
- Business Economics-II
- Business Statistics
- Business Organization & Management Principles-II
- Workshop on Internet and E-Commerce
- Seminar
- Viva-Voce
- Drug Abuse: Problem, Management & Prevention (Qualifying Exam)

### Semester - III

- Principles of Human Resource Management
- Business Accounting
- Principles of Marketing Management
- Business Law
- Workshop on Contemporary Business Issues
- Seminar on Knowledge Management
- Communication Skills in Punjabi/ Elementary Punjabi

### Semester - IV

- Financial Management
- Workshop on Creativity & Innovation
- Seminar on Entrepreneurship
- Viva-Voce
- Advertisement and Sales Management
- Marketing of Services
- Financial Instruments and Services

- Communication Skills in Punjabi/ Elementary Punjabi
- Environmental Studies and Road Safety Awareness ( Qualifying )
- Summer Internship:** Industrial Training of 4-6 weeks

### Semester - V

- Communication Skills in Punjabi/ Elementary Punjabi
- Business Research Methods
- Workshop on Time and Workload Management
- Seminar on Summer Internship
- Rural Marketing
- Investment Management
- Stock Market Operations

### Semester - VI

- Industrial Training Project
- Project Report
- Seminar on the Project Report
- Viva-Voce

# B.Com.

## Honours

Eligibility : 10+2  
Seats: 120

### Semester - I

- Punjabi/Punjabi Compulsory (Elementary Knowledge)
- Communication Skills and Personality Development
- Fundamentals of Financial Accounting
- Business Organisation
- Micro Economics
- Business Laws-I

### Semester - II

- Punjabi/Punjabi Compulsory (Elementary Knowledge)
- Computers for Business
- Computerized Financial Accounting
- Functional Management
- Macro Economics
- Business Laws-II
- Drug Abuse: Problem, Management & Prevention (Qualifying Exam)

NOTE: There will be Summer Training with a Chartered Accountant for 4 to 6 weeks regarding bank dealings, vouching and verification of accounts, Income Tax Returns, Sales Tax/VAT returns. The Seminar in 3rd Semester will be based on S.T. Report.

### Semester - III

- Banking Operations and Procedures
- Corporate Accounting-I
- Income Tax Law-I
- Business Statistics
- Company Law
- Seminar (Based on summer training)

### Semester - IV

- Fundamentals of Insurance
- Corporate Accounting-II
- Income Tax Law-II
- Business Mathematics
- Auditing Practices
- Indian Economy
- Environmental and Road Safety Awareness (Qualifying Exam)

NOTE: There will be Summer Industrial Training of 4 to 6 weeks regarding practical aspects of the accounting of companies, Banks, Insurance companies and other Financial organizations.

### Semester - V

- Management Accounting – I
- Cost Accounting – I
- Indirect Tax
- Fundamentals of Entrepreneurship
- E-Commerce
- Money and Banking

### Semester - VI

- Management Accounting – II
- Cost Accounting – II
- Financial Management
- Corporate Governance and Social Responsibility of Business
- Production and Operations Management
- Financial Institutions and Markets



**Anmol Mehta,** B Com III, has joined KPMG, one of the world's leading providers of Tax and Advisory services, as an Article.



# B.C.A.

## Bachelor of Computer Applications

Eligibility : 10+2  
Seats: 80

### Semester - I

- General English-I
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)
- Fundamentals of Information Technology
- Programming Fundamentals using C
- Software Lab –I (Windows and Office Automation)
- Software Lab – II (Programming Fundamentals using C)

### Semester - II

- General English-II
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)
- Digital Electronics
- Data Structures
- Basic Mathematics
- Software Lab – III (Data Structures)
- Drug Abuse: Problem, Management & Prevention (Qualifying Exam)

### Semester - III

- English Communication Skills – I
- Discrete Mathematics
- Computer System Organizations and Architecture
- Object Oriented Programming using C++

- Fundamentals of Database Management System
- Software Lab – IV (based on paper Object Oriented Programming using C++)
- Software Lab – V (MS Access Lab based on Fundamentals of Database Management System)
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)

### Semester - IV

- English Communication Skills – II
- Computer Networks
- Management Information Systems
- Computer Oriented Numerical and Statistical Methods
- Relational Database Management Systems with Oracle
- Software Lab – VI (Computer Oriented Numerical and Statistical Methods)
- Software Lab – VII (Database Management Systems with Oracle)
- Environmental and Road Safety Awareness (Qualifying Exam)
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)

### Semester - V

- English Literary Skills – I
- System Analysis and Design
- System Software
- Java Programming
- Web Designing using HTML and DHTML
- Software Lab – IX (based on Java Programming)
- Software Lab – X (based on Web Designing using HTML and DHTML)
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)

### Semester - VI

- English Literary Skills – II
- E-Commerce
- Operating Systems
- Software Engineering
- Web Designing using ASP.NET
- Software Lab – XI (More on Java based on Java Programming)
- Software Lab – XII (based on Web Designing using ASP.NET)
- Punjabi (Compulsory) or Punjabi Compulsory (Mudla Gyan)

# B.Sc.

## Fashion Technology

Eligibility: 10+2  
Seats: 40

### Semester - I

- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)
- Elements of Design
- Drafting & Pattern Making-I
- Fundamentals of Computer

#### Practical Papers

- Elements of Design
- Drafting & Pattern Making-I
- Fundamentals of Computer

### Semester - II

- Communication Skills in English
- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)
- Fashion Studies
- Textile Science-I

#### Practical Papers

- Sewing Techniques & Equipment
- Fashion Illustration-I
- Textile Science-I

### Semester - III

- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)
- Textile Science-II
- Indian Textile
- History of Indian Costumes

#### Practical Papers

- Surface Ornamentation
- Fashion Illustration-I
- Garment Construction-I

### Semester - IV

- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)
- Environmental & Road Safety Awareness
- History of World Costumes
- Apparel Manufacturing Technology
- Computer Aided Fashion Design-I

#### Practical Papers

- Fashion Illustration-III
- Computer Aided Fashion Design-I

- Draping and Grading

### Semester - V

- Fashion Marketing
- Organization of Fashion Industry-I
- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)

#### Practical Papers

- Accessory Design & Construction
- Computer Aided Fashion Design-II
- Drafting Pattern Making & Garment Construction-I

### Semester - VI

- Fashion Merchandising
- Personality & Clothing
- Punjabi Compulsory or Punjabi Compulsory (Mudla Gyan)

#### Practical Papers

- Organization of Fashion Industry-II
- Fashion Design Construction (Fashion Show)
- Portfolio



# B.Sc. Computer Science, Statistics & Mathematics

Eligibility: 10+2 any stream with Mathematics  
Seats: 40

## Semester - I

- Punjabi
- Algebra
- Trigonometry & Differential Calculus
- Computer Oriented Statistical Methods - I
- Probability-Theory - I
- Statistics Lab-I (Computer Oriented Statistical Practicals)
- Introduction to IT
- Computer Programming using C
- Software Lab-I (Programming in C and its Applications in Statistics)

## Semester - II

- Punjabi
- Integral Calculus & Differential Equations.
- Geometry
- Computer Oriented Statistical Methods - II
- Probability Theory - II
- Statistics Lab-II (Computer Oriented Statistical Practicals)
- Object Oriented Programming using C++
- Management Information System
- Software Lab-II ( Programming in C++)
- Drug Abuse: Problem, Management & Prevention (Qualifying Exam)

## Semester - III

- Punjabi
- Advanced Calculus
- Differential Equations
- Applied Statistics
- Statistical Inference I
- Statistics Lab-III (Computer Oriented Statistical Practicals)
- Data Structures
- Data Base Management System
- Software Lab-III (Practicals based on DBMS using MS Access and Data Structures)

## Semester - IV

- Punjabi
- Real Analysis
- Topics in Analysis
- Industrial Statistics
- Statistical Inference II
- Statistics Lab-IV (Computer Oriented Statistical Practicals)
- Operating Systems
- Web Technology
- Software Lab-IV
- Environmental and Road Safety Awareness (Qualifying Exam)

## Semester - V

- Communication Skills
- Abstract Algebra
- Discrete Mathematics
- Computer Oriented Numerical Methods
- Sample Surveys
- Statistics Lab-V (Computer Oriented Statistical Practicals)
- Computer Network and Data Communication
- Visual Programming
- Software Lab V (Practicals based on Visual Programming)

## Semester - VI

- Communication Skills
- Mechanics
- Linear Algebra
- Linear Programming
- Design and Analysis of Experiments
- Statistics Lab VI (Computer Oriented Statistical Practicals)
- Oracle
- Software Engineering
- Software Lab Vi (Practicals based on Oracle)

# B.Sc. (Honours School) in Mathematics

Eligibility: 10+2 any stream with Mathematics  
Seats: 40

## Semester - I

- Calculus-I
- Coordinate Geometry
- Introduction to Information Technology
- Computer Programming using C
- Software Lab I (C- Programming)
- Mathematical Foundations of Statistics
- Punjabi-I

## Semester - II

- Calculus-II
- Ordinary Differential Equations
- Computer System Architecture
- Object Oriented Programming using C++
- Software Lab II (C++)
- Linear Programming
- Punjabi-II
- Drug Abuse: Problem, Management & Prevention (Qualifying Exam)

## Semester - III

- Analysis-I
- Linear Algebra
- Number Theory
- Optimization Techniques-I
- Data Structure
- Software Lab-III
- English

## Semester - IV

- Algebra- I
- Analysis-II
- Mathematical Methods
- Optimization Techniques-II
- Computer Graphics
- Software Lab-IV
- Environmental and Road Safety Awareness (Qualifying Exam)

## Semester - V

- Algebra II
- Calculus of several variables and

## Improper Integrals

- Discrete Mathematics and Graph Theory
- Mechanics- I
- Linear Integral Equations

## Semester - VI

- Number Theory
- Mechanics-II
- Partial Differential Equations
- Numerical Analysis
- Tensor Analysis





# B.Sc.

## Bio-Technology

Eligibility: 10+2 (Science)  
Seats: 40

### Semester - I

- Punjabi/Mudla Gyan
- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Cell Biology (T & P)
- Microbiology (T & P)

### Semester - II

- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Cell Biology (T & P)
- Microbiology (T & P)

### Semester - III

- English
- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Biochemistry (T & P)
- Genetics (T & P)

### Semester - IV

- English
- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Biophysics (T & P)
- R-DNA Technology (T & P)
- Environmental Studies and Road Safety

### Semester - V

- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Environment
- Biotechnology (T & P)
- Immunology (T & P)
- Biochemical Engineering

### Semester - VI

- Chemistry (T & P)
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Microbial Technology (T & P)
- Tissue Culture Tech. (T & P)
- Fermentation Tech. (T & P)

# B.Voc.

## (Software Development)

Eligibility: 10+2  
Seats: 50

### Semester - I

- Communication Skills
- Fundamentals of Computer and Software Development
- Computer Programming using C
- Web Designing using HTML and DHTML
- Project-I
- Software Lab - I (Based on C & Web Designing using HTML & DHTML)
- Language Lab - I

### Semester - II

- Functional Punjabi / Elementary Punjabi
- Fundamentals of DBMS
- Fundamentals of Windows & Server Administration 2008

- Data Structures
- Software Lab - II
- Software Lab - III
- Language Lab - II

### Semester - III

- Discrete Mathematics
- Software Engineering
- Programming with Java
- Programming with C++
- Software Lab - IV
- Software Lab - V
- Software Lab - VI

### Semester - IV

- Foreign Language
- Environmental Studies and Road Safety Awareness
- Web Development Using PHP

- and MYSQL
- Content Management System
- Software Lab - VII
- Project - II
- Language Lab - III

### Semester - V

- Presentation Skills and Personality Development
- Management Information System
- Web Development using ASP.Net
- Software Testing Concepts and Tools
- Software Lab - VIII
- Software Lab - IX
- Workshop

### Semester - VI

- Project

# B.Voc.

## (Industrial Waste Treatment Technology)

Eligibility: 10+2  
Seats: 50

### Semester - I

- Communication Skills
- Basics of Chemistry - I
- Analytical Chemistry
- Fundamentals of Environmental Pollution-I
- Practical Course-I
- Field Visits/Project Report/Viva
- Internship and Project Report

### Semester - II

- Functional Punjabi/Elem. Pbi.
- Basics of Chemistry - II
- Fundamentals of Environmental Pollution-II
- Waste Treatment Technology
- Practical Chemistry-II

- Field Visits/Project Report/Viva
- Internship and Project Report

### Semester - III

- Instrumentation and Techniques-I
- Industrial Waste Management
- Instrumentation and Techniques-II
- Basics of Chemistry-II
- Instrumentation & Techniques:Lab
- Basics of Chemistry-II-Lab
- Two Week Training at Industry/Lab

### Semester - IV

- Introduction to Solid Waste Management
- Environmental Studies and Road Safety Awareness
- Sustainable Techniques in Municipal Solid Waste Management - Case Studies

- Basics of Chemistry-IV
- Project Work
- Industrial Waste Mgt. Practical

### Semester - V

- Presentation Skills and Personality Development
- Basics of Chemistry-V
- Bioremediation
- Industrial Pollution
- Practical/ Instrumentation & Techniques
- Lab-Basics of Chemistry
- Training at Industry/Lab

### Semester - VI

- Project



# M.Sc. Chemistry

Eligibility: 50% in Graduation (with Chemistry in all three years)  
Seats: 30

## Semester - I

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- (A) Mathematics for Chemists (for medical students) Or (B) Biology for Chemists (for non-medical students) Practicals
- Inorganic Chemistry
- Analytical Chemistry

## Semester - II

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Computer Fundamentals & Programming with C Practicals
- Organic Chemistry
- Physical Chemistry

## Semester - III

### INORGANIC CHEMISTRY SPECIALIZATION

- Analytical Chemistry
- Ligand Field Theory
- Reaction Mechanism of Transition Metal Complexes
- Inorganic Spectroscopy-I Practicals
- Inorganic Chemistry Practicals-I
- Inorganic Chemistry Practicals-II

### ORGANIC CHEMISTRY SPECIALIZATION

- Analytical Chemistry
- Photochemistry and Pericyclic Reactions
- Chemistry of Natural Products
- Heterocyclic Chemistry Practicals
- Organic Chemistry Practicals - I
- Organic Chemistry Practicals - II

### PHYSICAL CHEMISTRY SPECIALIZATION

- Analytical Chemistry
- Fundamentals of Spectroscopy
- Statistical Thermodynamics
- Fundamentals and Atmospheric Photochemistry Practicals
- Instrumental Physicals Chemistry Practicals-I
- Physical Chemistry Practicals- I

## Semester - IV

### INORGANIC CHEMISTRY SPECIALIZATION

- Environmental Chemistry
- Chemistry of Organometallic Compounds
- Advance Topics in Inorganic Chemistry
- Inorganic Spectroscopy-II Practicals
- Inorganic Chemistry Practical-I

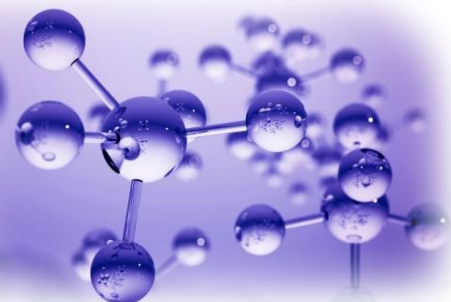
- Inorganic Chemistry Practical - II

### ORGANIC CHEMISTRY SPECIALIZATION

- Environmental Chemistry
- Applications of Organic Molecular Spectroscopy
- Organic Syntheses
- Modern Synthetic Reactions & Rearrangements Practicals
- Organic Chemistry Practical-I
- Organic Chemistry Practical - II

### PHYSICAL CHEMISTRY SPECIALIZATION

- Environmental Chemistry
- X-Ray Diffraction & other Techniques
- Biophysical Chemistry & Advanced Spectroscopy
- Polymers and Surface Chemistry Practicals
- Instrumental Physical Chemistry Practical-II
- Physical Chemistry Practical- II



# M.Sc. Pharmaceutical Chemistry

Eligibility: 50% in Graduation (with Chemistry in all three years)  
Seats: 30

## Semester - I

- Quantitative Analytical Methods
- Biochemistry
- Organic & Heterocyclic Chemistry
- Pharmacology

### Practicals

- Quantitative Analytical Methods & Biochemistry
- Organic & Heterocyclic Chemistry

## Semester - II

- Modern Analytical Methods
- Physical Pharmacy
- Chemistry of Natural Products
- Bioinformatics & Biostatistics

### Practicals

- Modern Analytical Methods & Physical Pharmacy
- Chemistry of Natural Products & Bioinformatics

## Semester - III

- Medicinal Chemistry-I
- New Drug Development & Toxicology-I
- Pharmaceutical Technology-I
- Drug Design & Drug Development-I

### Practicals

- Analysis of Pharmaceuticals
- Formulation of Dosage Forms

## Semester - IV

- Medicinal Chemistry-II
- Drug Design & Drug Development -II
- Pharmaceutical Technology-II
- Synthetic Medicinal Chemistry
- Project Work





# M.Sc.

## Bio-Technology

Eligibility : Graduation In Science  
Seats: 30

### Semester - I

- Principles of Biochemistry
- Molecular Genetics
- Introductory Microbiology
- Immunology

#### Practical

- Paper-I Pertaining to : Principles Of Biochemistry & Molecular Genetics
- Paper-II Pertaining to : Introductory Microbiology & Immunology

### Semester - II

- Genetic Engineering
- Molecular Biophysics
- Fundamentals of Bioprocess Development
- Fundamentals of Fermentation

Technology

#### Practical

- Paper - III Pertaining to : Genetic Engineering & Molecular Biophysics
- Paper - IV Pertaining to : Fundamentals of Bioprocess Development & Fermentation Technology

### Semester - III

- Enzymology
- Microbial and Food Technology
- Environmental Biotechnology
- IPRs, TQM & Biosafety
- Paper-V Pertaining to : Enzymology & Microbial and Food Technology

- Paper-VI Pertaining to: Environmental Biotechnology & IPRs, TQM and Biosafety

### Semester - IV

- Tissue & Cell Culture Technology
- Research Methodology
- Computer & Biostatistics
- Bioinformatics
- Paper-VII Pertains to : Tissue & Cell Culture Technology & Research Methodology
- Paper-VII Pertains to : Computer & Biostatistics & Bioinformatics

# M.Sc.

## Food & Nutrition

Eligibility : B.Sc. (Home Science/Medical/Non-Medical/Biotechnology/Biochemistry/Microbiology) with atleast 50% marks  
Seats: 30

### Semester - I

- Biochemistry-I
- General Microbiology
- Advance Nutrition-I
- Community Nutrition Practical
- Biochemistry-I & General Microbiology
- Advance Nutrition-I & Community Nutrition

### Semester - II

- Biochemistry-II
- Food & Industrial Microbiology
- Advance Nutrition-II

- Food Science

#### Practical

- Biochemistry-II and Food & Industrial Microbiology
- Advance Nutrition-II & Food Science

### Semester - III

- Human Physiology
- Therapeutic Nutrition
- Maternal & Child Nutrition
- Institutional Food Management –I Practical
- Human Physiology & Therapeutic Nutrition
- Maternal & Child Nutrition
- Institutional Food Management –I

### Semester - IV

- Research Methodology & Statistics
- Clinical Nutrition & Diet Counseling
- Problems in Human Nutrition
- Institutional Food Management -II Practical
- Dissertation



# M.Sc.

## Fashion Design & Technology

Eligibility: Graduation  
Seats: 30

### Semester - I

- Textile Study & Design Concept
- Historic Costumes
- Pattern Making & Construction Techniques

#### Practicals

- Textiles Study
- Drafting and Patter Making Techniques

### Semester - II

- Textile Study-II
- Sociological & Psychological Aspects of Clothing

- Communication Skills

#### Practicals

- Fashion Illustration & Surface Ornamentation
- Garment Construction Techniques

### Semester - III

- Fashion Marketing & Merchandising
- Statistics
- Research Methodology Practical
- Fashion Illustration & Surface Ornamentation-II

- Garment Construction

### Semester - IV

- Garment Production Management & Entrepreneurship
- Indian Textiles
- Introduction to Information Technology
- Design Studies
- Computer Application in Fashion Design
- Entrepreneurship



# M.Sc. Mathematics

Eligibility: B.A. / B.Sc. (with Mathematics in all three years)

Seats: 30

## Semester - I

- Mathematical Analysis
- Topology - I
- Algebra - I
- Differential Geometry
- Fundamentals of Computer Science & C Programming
- Software lab (C Programming)

## Semester - II

- Differential Equations
- Functional Analysis
- Algebra - II (Rings & Moduler)
- Complex Analysis
- Topology - II

## Semester - III

### ELECTIVES

(Any five of the following)

- Differentiable Manifolds
- Field Theory
- Differential Equations –II
- Category Theory - I
- Numerical Analysis -I
- Complex Analysis - II
- Classical Mechanics
- Algebraic Topology
- Analytic Number Theory
- Optimization Techniques-I
- Fuzzy Sets and Applications
- Solid Mechanics

## Semester - IV

### ELECTIVES

(Any five of the followings)

- Homology Theory
- Theory of Linear Operators
- Geometry of Differentiable Manifolds
- Category Theory - II
- Optimization Techniques-II
- Homological Algebra
- Finite Elements Methods
- Fluid Mechanics
- Algebraic Coding Theory
- Commutative Algebra
- Operations Research
- Wavelets
- Non Linear Programming
- Numerical Analysis-II
- Mathematics of Finance
- Mathematical Methods

# M.Sc. Information Technology

Eligibility : Graduation in any discipline with 50% marks or PGDCA

Seats: 30

## Semester - I

- Introduction to Information Technology
- Computer Programming using C
- Computer Organization & Architecture
- Mathematical Foundation of Computer Science
- Operating System
- Programming Lab - I

## Semester - II

- Object Oriented Programming Using C++
- Data and File Structures
- Visual Basic
- RDBMS and Oracle
- Programming Lab II
- Programming Lab III

## Semester - III

- Web Technology
- Java Programming
- Software Engineering
- Computer Networks

- Programming Lab IV (Web Technology)
- Programming Lab V (JAVA Programming)

## Semester - IV

- Computer Graphics
- Linux Administration
- Modern Information Systems
- Artificial Intelligence
- Programming Lab VI (Computer Graphics)
- Programming Lab VII (Linux)

# M.Sc. IT (Lateral Entry)

Eligibility : PGDCA with at least 50% marks

Seats: 30

## Semester - III

- Web Technology
- Java Programming
- Software Engineering
- Computer Networks
- Programming Lab IV (Web Technology)
- Programming Lab V (JAVA Programming)

## Semester - IV

- Computer Graphics
- Linux Administration
- Modern Information Systems
- Artificial Intelligence
- Programming Lab VI (Computer Graphics)
- Programming Lab VII (Linux)

**Note :**

**Deficit papers as per  
Punjab University Norms.**



# M.Com.

## Master of Commerce

Eligibility : B Com / BBA  
Seats: 30

### Semester - I

- Management Concepts and Organisational Behaviour
- Accounting for Managerial Decisions
- Business Economics
- E-Commerce
- Financial Management

- Research Methodology and Statistical Technique
- Seminar (Based on Current Issues Relating to Commerce)
- Financial Institutions and Markets

### Semester - III

- Strategic Cost Management
- Corporate Legal Framework
- Direct Tax Laws
- Marketing Management
- Management of Financial Services

### Semester - IV

- Human Resource Management
- Fundamental of Investment
- Banking and Insurance Services
- Corporate Tax Planning
- Comprehensive Viva-voce
- International Finance

### Semester - II

- Advanced Accounting
- Business Environment

# M.A.

## Punjabi

Eligibility : Graduation with 50% marks  
Seats: 30

### ਸਮੈਸਟਰ ਪਹਿਲਾ

- ਪਰਚਾ 1 : ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ  
ਪਰਚਾ 2 : ਆਪਸਨ ਪਹਿਲੀ :  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ  
ਆਪਸਨ ਦੂਜੀ :  
ਆਧੁਨਿਕ ਬਿਰਤਾਂਤਕ ਕਾਵਿ  
ਪਰਚਾ 3 : ਪੰਜਾਬੀ ਨਾਟਕ  
ਪਰਚਾ 4 : ਆਪਸਨ ਪਹਿਲੀ : ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਗਲਪ  
ਆਪਸਨ ਦੂਜੀ : ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ  
ਪਰਚਾ 5 : ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ

### ਸਮੈਸਟਰ ਦੂਜਾ

- ਪਰਚਾ 1 : ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ  
ਪਰਚਾ 2 : ਆਪਸਨ ਪਹਿਲੀ :  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ  
ਆਪਸਨ ਦੂਜੀ :  
ਆਧੁਨਿਕ ਬਿਰਤਾਂਤਕ ਕਾਵਿ  
ਪਰਚਾ 3 : ਪੰਜਾਬੀ ਨਾਟਕ  
ਪਰਚਾ 4 : ਆਪਸਨ ਪਹਿਲੀ : ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਗਲਪ  
ਆਪਸਨ ਦੂਜੀ : ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ  
ਪਰਚਾ 5 : ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤ

### ਸਮੈਸਟਰ ਤੀਜਾ

- ਪਰਚਾ 1 : ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ  
ਪਰਚਾ 2 : ਗੁਰਮਤਿ ਕਾਵਿ  
ਪਰਚਾ 3 : ਪੰਜਾਬੀ ਵਾਰਤਕ  
ਪਰਚਾ 4 : ਸੂਫੀ ਅਤੇ ਵੀਰ ਕਾਵਿ  
ਪਰਚਾ 5 : ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ

### ਸਮੈਸਟਰ ਚੌਥਾ

- ਪਰਚਾ 1 : ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ  
ਪਰਚਾ 2 : ਗੁਰਮਤਿ ਕਾਵਿ  
ਪਰਚਾ 3 : ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ  
ਪਰਚਾ 4 : ਕਿੱਸਾ ਕਾਵਿ  
ਪਰਚਾ 5 : ਲੋਕਧਾਰਾ ਅਤੇ ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ

# PGDCA

Eligibility : Graduation  
Seats: 120

### Semester - I

- Fundamentals of information Technology
- Operating Systems
- Programming Fundamentals through "C" Language
- Computer Organization and Architecture
- Software Lab – I Office Automation

- and Productivity Tools
- Software Lab – II Programming Fundamentals through "C" Language.

### Semester - II

- Data Structures
- Object Oriented Programming with C++
- Database Management System

- with MS ACCESS
- Fundamentals of Computer Networks, Internet and Scripting Languages
- Software Lab–III Data Structures and Programming with C++
- Software Lab–IV MS ACCESS and Scripting Languages.

# PGDDDD&T

Eligibility : Graduation  
Seats: 30

### Semester - I

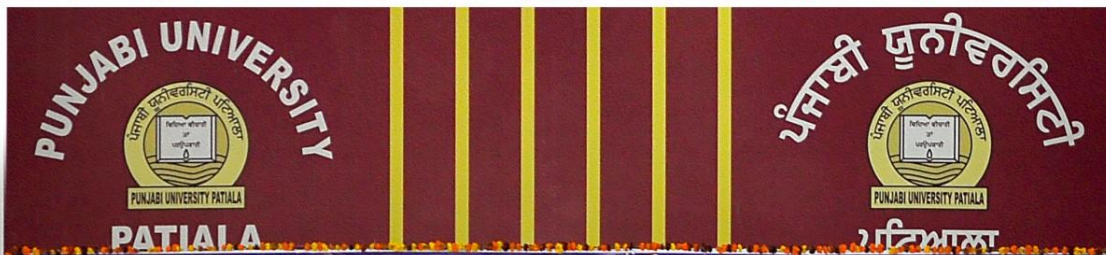
- Pattern Making & Construction Techniques (Theory)
- Style Reading & Pattern Making (Practical)
- Dress Designing (Practical)-I
- Clothing Construction Techniques-I (Practical)
- Class Project & Production Shop-I

### Semester - II

- Dress Designing (Theory)
- Scale Drawing (Practical)
- Dress Designing (Practical)-II
- Clothing Construction Techniques-II (Practical)
- Class Project & Production Shop-II

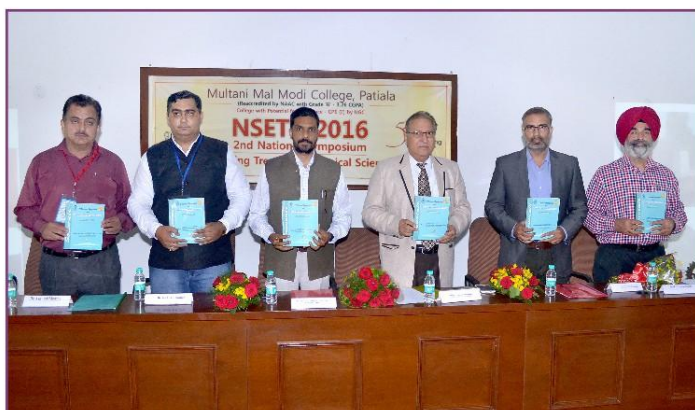


# Precious Moments





# Precious Moments



## Expert Speakers at Modi College



1. Padma Shri Dr Dilip Kaur Tiwana
2. Prof R C Sobti, Vice Chancellor, BBAU Lucknow
3. Dr Rakesh Mohan Sharma, Additional Dean Research, Pbi. Uni., Patiala
4. Dr M L Hasija, Sarbat Da Bhalla Charitable Trust, Patiala
5. Dr Shalini Gupta, Deptt. of Mathematics, Punjabi University, Patiala
6. S Harjinder Singh (IRS)
7. Dr Ashwani Bhalla, SCD Govt. College, Ludhiana
8. Dr Ravi Kumar 'Anu', Deptt. of Hindi, Punjabi University, Patiala
9. Dr Jaspreet Mander, Deptt. of English, Punjabi University, Patiala
10. Dr M S Reddy, Dean Research, Thapar University, Patiala
11. Dr Anil Kumar Puniya, Dean, College of Dairy & Technology, GADVAS University, Ludhiana
12. Dr Swaraj Raj, Deptt. of English, SGGSWU, Fatehgarh Sahib
13. Shiromani Sahitkaar Darshan Dhir
14. Dr Gupal Singh Sandhu, Chairperson, Evening Studies Deptt, Panjab University, Chandigarh
15. Dr Rajinder Pal Singh Brar, Professor & Additional Dean (Colleges), Punjabi University, Patiala



## Fee structure at MM Modi College, Patiala

S. No	Name of Course	First Semester* ₹	Second Semester* ₹
1	BBA-I	20970	15220
2	BBA-II	19970	15220
3	BBA-III	20170	15220
4	BCA-I	21520	15220
5	BCA-II	20520	15220
6	BCA-III	20720	15220
7	BSc-I (Biotechnology)	19220	15220
8	BSc-II (Biotechnology)	18220	15220
9	BSc-III (Biotechnology)	18420	15220
10	BSc-I (Hon's School in Mathematics)	19220	15220
11	BSc-II (Hon's School in Mathematics)	18220	15220
12	BSc-III (Hon's School in Mathematics)	18420	15220
13	BSc-I (CSM)	19220	15220
14	BSc-II (CSM)	18220	15220
15	BSc-III (CSM)	18420	15220
16	BSc-I (Fashion Technology)	19220	15220
17	BSc-II (Fashion Technology)	18220	15220
18	BSc-III (Fashion Technology)	18420	15220
19	BCom-I (Hon's)	16720	11720
20	BCom-II (Hon's)	15720	11720
21	BCom-III (Hon's)	15920	11720
22	PGDCA	16070	12770
23	PGDDD&T	16220	12920
24	MCom-I	17120	11720
25	MCom-II	16320	11720
26	MA-I (Punjabi)	7670	8070
27	MA-II (Punjabi)	6870	8070
28	MSc-I (Mathematics)	17070	11670
29	MSc-II (Mathematics)	16270	11670
30	MSc-I (Information Technology)	24970	15220
31	MSc-II (Information Technology)	24170	15220
32	MSc-(IT) Lateral entry	28740	16790
33	MSc-I (Fashion Design & Technology)	25970	15220
34	MSc-II (Fashion Design & Technology)	25170	15220
35	MSc-I (Chemistry)	27470	15220
36	MSc-II (Chemistry)	26670	15220
37	MSc-I (Pharmaceutical Chemistry)	28620	16370
38	MSc-II (Pharmaceutical Chemistry)	27820	16370
39	MSc-I (Biotechnology)	32220	29220
40	MSc-II (Biotechnology)	31420	29220
41	BVoc-I (Software Development)	13155	9685
42	BVoc-II (Software Development)	12655	9685
43	BVoc-III (Software Development)	12855	9685
44	BVoc-I (Industrial Waste Treatment Technology)	12255	8785
45	BVoc-II (Industrial Waste Treatment Technology)	11755	8785
46	BVoc-III (Industrial Waste Treatment Technology)	11955	8785
47	MSc-I (Food & Nutrition)	28620	16370
48	MSc-II (Food & Nutrition)	27820	16370

**NOTE: \*University Examination Fee is included in the Semester Fee.**

- University charges of ₹ 3429 for UG First year classes and ₹ 1979 for all other classes will be charged at the time of admission.
- University Practical fees for BCom (Hon's) (Ist, IInd, IIIrd), MCom & MSc (Maths) (Ist & IInd) will be charged as per subject opted and as applicable.
- University Registration & Migration/Verification Fee will be charged from the Student who have Migrated from other Universities.
- The fees are subject to be changed as per directions of Punjab Govt./Punjabi University Patiala.
- Project Fee ₹15000.00 will be charged from MSc Pharmaceutical Chemistry-II Year students.

Fee will be accepted through crossed cheque or Demand draft only.  
In the event of dishonour of cheque for fee, the admission stands cancelled

**Refund of fee:** Last date for submission of Application Forms claiming refund of fee is 19 August, 2017. Refund Applications will be processed as per rules applicable

S. No.	Percentage of fee deducted	Date upto which application for refund of fee is received by the college
1	₹ 1000/-	Upto 29 July, 2017
2	20%	Upto 10 August, 2017
3	50%	Upto 19 August, 2017
4	100% (No Refund)	After 19 August, 2017





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
An Autonomous Institution of the University Grants Commission

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Multani Mal Modi College  
Patiala, affiliated to Punjabi University, Punjab as  
Accredited  
with CGPA of 3.26 on four point scale  
at A grade  
valid up to April 30, 2020*

*Date : May 01, 2015*



*Director*  
Director

EC(SC)/06/RAR/071



## Multani Mal Modi College, Patiala

Reaccredited by NAAC with Grade 'A' - 3.26 CGPA  
College with Potential for Excellence – CPE (II) by UGC

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**Website :** www.modicollege.com