

Prospectus

for

**M.Sc. (Biochemistry)
&**

M.Sc. (Medical Biotechnology) Course

**Postgraduate Institute of Medical Education
and Research, Chandigarh**

Session, July 2008

Last date for receipt of application : _____

Price:

For General Candidates: Rs. 500.00

For S.C/ST Candidates : Rs. 400.00

Tentative Date for Entrance Test _____

**Postgraduate Institute of Medical Education & Research,
Chandigarh -160 012
Prospectus for M.SC.**

GRAMS:POSTGRADMED
FAX: 0172-2744401,2745078

E-MAIL : pgi@.chd.nic.in
PABX : 2747585

| | Closing Date of Receipt of application : _____ | Issue with application Form No. _____ |
|----|--|---------------------------------------|
| | ADMINISTRATIVE STAFF | TELEPHONE |
| 1. | Director Prof. K.K. Talwar M.D., D.M., FAMS | Off.: 2748363 |
| 2. | Dean Prof. V. Sakhuja MD,DM,MNAMS,FISN,FAMS | Off.: 2748362 |
| 3. | Registrar Mr. Naresh Virdi | Off.: 2755567 |
| 4. | Officer Incharge Examination Cell Dr. Pallab Ray M.D.,DNB | Off.: 2755566 |
| 5. | Administrative Officer (Academic Section) Mr. Shiv Ram Gupta | Off.: 2755569 |

**Price: For General: Rs. 500.00
For S.CJST : Rs. 400.00**

**For further inquiry, Please contact the Administrative Officer at
0172-2755569**



The Government of India in the Ministry of Health set up a Committee known as the "Health Survey and Planning Committee" on 12th June, 1959 to undertake the review of the development that had taken place since the publication of the report of Health Survey and Development Committee (Bhore Committee) in 1946 with a view to formulate further health programmes for the country in the third and subsequent five year plan periods. The Committee recommended the setting up of six Postgraduate Medical Institutions in the country one each at Kolkata, Mumbai, Chennai, Hyderabad, Lucknow and Chandigarh to meet the increasing demand of teachers for the rapidly expanded Medical Colleges, specialities services for Hospitals and need of the Armed Forces.

The Postgraduate Institute of Medical Education and Research, was conceived and planned in 1960 to create in Chandigarh as "Island of Excellence " providing physical and intellectual milieu for young scientists working in multiple disciplines of medicines to advance the frontiers of knowledge, to render human service to sick and suffering, to train Medical and Para Medical Manpower. The Institute was established in 1962 by the erstwhile state of Punjab. It was declared as an Institute of National importance by an Act of Parliament (Act 51 of 1966) with effect from April 1, 1967.



The following are the aims and objectives of the Institute:

- (a) To develop patterns of teaching in undergraduate and Postgraduate Medical Education in all its branches, so as to demonstrate a high standard of medical education.
- (b) To bring together as far as may be, in one place educational facilities of the highest order for the training of personnel in all important branches of health activity; and
- (c) To attain self-sufficiency in Postgraduate Medical Education to meet the country's need for specialists and Medical Teachers.



- (a) Admission to M.Sc. (Biochemistry), & M.Sc. (Medical Biotechnology) Courses conducted at the Institute is made once in a year i.e. from 1st July each year.
- (b) The admission to the courses imparted at the Institute is made on merit on all Indian basis by holding an entrance examination by the Institute, after issuing a country wide admission notice. The admission notice is published in leading English Newspapers of India usually during March/April for July session.



N.B. : Before applying, the candidates are advised to go through the prospectus and the admission notice published in the press carefully.

- (a) Application for admission to the courses' are required to be submitted separately on the prescribed form supplied with. the information Brochure.
- (b) The fact that application form has been supplied on a certain date will not be accepted as an excuse for the late submission of the application. The supply of application form does not ipso facto make the receiver eligible for admission to the selection test.
- (c) The application must be complete in all respects and it should be accompanied with all the required documents. Incomplete applications

will not be entertained and no correspondence will be made in this respect.

- (d) Applications, on forms other than those prescribed for the purpose, will not be entertained. If any candidate gets an application form for course different from the one asked from he/she may submit his/her application on the same before the closing date. The application will be treated as an advance copy. The application on the prescribed form will be obtained later.
- (e) The candidate who applies for more than one subject, must apply on separate application form.



M.Sc. courses are available in the subject of:

1. **Biochemistry**
2. **Medical Biotechnology**



1. M.Sc. (Biochemistry) :

B.Sc. or B.Sc. (Hons.) or B.Sc. (Anatomy), Physiology and Biochemistry taken together) from recognized University or Institute with 55% marks for general category and 50% for candidates belonging to scheduled castes/tribes.

Duration of the Course two academic years

2. M.Sc. (Medical Biotechnology):

B.Sc. with 55% marks in any subject. of Life / Biological Sciences for General Category and 50% marks for the candidates belonging to SC/ST category or MBBS from recognised University/Institute. **The duration course will be two academic years.**

The theory paper will be of one and half hours duration. The question paper of theory examination will carry 100 marks relating to subject of Biotechnology.



Note : 1. Where MBBS is an eligibility requirement candidates who have made more than one attempt during their MBBS career are not eligible. However, those candidates belonging to Schedule Caste /Tribes with upto two attempts in their MBBS will be eligible. A "failure" in the examination "Compartment" or reappear" in the examination, will constitute an attempt. Candidates who have obtained MBBS degree from Medical Colleges which are not recognized by the Medical Council of India are not eligible to apply.

2. The candidates applying for M.Sc. course should have passed B.Sc. or its equivalent examination from the colleges/Institutes recognised by the Panjab University/UGC.

The Selection of candidates for M.Sc. courses will be made on the basis. of a theory paper carrying 100 marks.

- (1) All candidates who fulfill the eligibility qualifications mentioned above shall appear in a theory paper containing objective type of questions. The duration of the theory paper will be one and half hours.

PART-I 60 MARKS Common to all candidates apply for admission to M.Sc. (Biochemistry) and M.Sc. (Medical Biotechnology) as per details given below:

- | | |
|--|------------|
| 1. Chemical Sciences | : 15 Marks |
| 2. Physics/Biophysics | : 15 Marks |
| 3. General Mathematics/Statistics | : 10 Marks |
| 4. Life sciences (Botany, Zoology, Microbiology) | : 20 Marks |

PART-II 40 MARKS

SECTION-A

- | | |
|--------------------------|------------|
| (i) Biochemistry | : 30 Marks |
| (ii) Molecular (Biology) | : 10 Marks |

Section-A will be attempted by the candidates seeking admission to M.Sc. (Biochemistry) course.

SECTION-B

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|-----------------------|------------|
| (i) Molecular Biology | : 20 Marks |
| (ii) Human Genetics | : 20 Marks |

Section-B will be attempted to the candidates seeking admission to M.Sc. Medical Biotechnology course.

Those appearing for both specialities will be given extra half an hour to attempt the second section.

NB : There will be negative marking in the theory paper to the extent of 0.25 marks for each wrong answer.

- (ii) Merit list of candidates based on their examination will be prepared separately for general category candidates; and for those belonging to Schedule Caste / Tribes. The general category candidates who secure at least 50% marks (45% in case of candidates belonging to Scheduled Castes / Tribes) In the theory examination will only qualify for admission. The candidates will be invited for interview strictly in the order of merit based on their marks for the theory examination. The number of candidates to be invited for interview will be five times the total number of seats to be filled in each category provided candidates fulfilling the cut off points mentioned above are available. Candidates will then be interviewed by a Selection Committee appointed by the Institute for the purpose which will select the candidates found suitable for admission. The interview with the Selection Committee is mandatory and will not carry any marks.



The two or more candidates obtain equal marks in the entrance examination, then their Inter-se-merit for admission to the course shall be determined on the basis of the following:

- (1) A Candidate who has made more attempts in passing B.Sc. examination would rank junior to a candidate who has made less attempts.
- (2) If the attempts made in passing B.Sc. Examination are also be the same, then a candidate who has obtained higher marks in the B.Sc. examination will rank senior to a candidate who has obtained less marks.
- (3) If attempts made in passing the said examination and the marks obtained in the examination are also the same, then a candidate senior in age will rank senior to the candidate junior in age.

NB: The admission to the course is initially made on probation for a period of three months. At the end of 3rd month, if the performance of the candidate is not found to be satisfactory, his/her admission may be cancelled.



Seats are reserved for candidates belonging to Scheduled Castes / Tribes in accordance with the decision of the Governing Body of the Institute.

No emoluments/scholarship or any other financial assistance is provided by the Institute to the candidates admitted to M.Sc. Courses.

THE CANDIDATES SELECTED FOR ADMISSION TO M.Sc. COURSES ARE REQUIRED TO MAKE THEIR OWN MANagements FOR STAY DURING THE PERIOD OF THEIR STUDIES.



During the period of studies, 30 days leave for a complete one year will be admissible in addition to weekly "OFF DAYS". No portion of leave can be carried over to the next year.



The candidates are required to submit a Thesis / dissertation in accordance with the rules governing the course.



The following fees etc. will be payable by each candidates.

- | | | |
|--------------------|---|---|
| (a) Registration | : | Rs. 500/- |
| (b) Tuition fee | : | Rs. 350/- per annum (The first instalment of the fees for 6 months is required to be paid at the time of admission The balance is to be paid half yearly in advance. |
| (c) Laboratory fee | : | Rs. 900/- per annum. |
| (d) Security | : | Rs. 1000/- (Refundable) to be deposited by every candidate for the recovery of any breakage loss of the Lab equipment etc. is refundable on completion / discontinuation of the course. |

- (e) Amalgamated Fund : Rs. 60/- month to be paid half yearly.
 (f) Security of Hostel : Rs. 600/- (refundable) to be deposited
 Accommodation (if allotted) with the hostel Manager.

The dues are required to be paid half yearly in advance.

1. Fees and other charges once paid shall not be refunded in any case including that of a candidate leaving the institute before the completion of the term or not joining the course for any reason.
2. Security will be refunded to those who do not join. The refund of the security must be claimed within three years of the date of completion/ discontinuation of the course, failing which the amount will be forfeited.
3. A fine of Rs. 5/- per day upto maximum 15 days will be charged for late payment of dues. After 15 days the name of the defaulter will be removed from the roll. If such a candidate applies for readmission a sum of Rs. 500/- will be charged as re-registration fee in addition to the fine. Such a candidate shall have to repeat the day of his/her training for which he/she remains off the rolls.



Candidates belonging to foreign countries are required to route their applications through the Government of India, Ministry of Health & Family Welfare. Separate merit list of the foreign candidates will be prepared within their group. The selection of foreign candidates will be made on merit based on their performance in the entrance examination.



Selection candidates must join their respective courses of the prescribed date, as indicated in their admission letter. The selection of those who fail to join by the specified date shall automatically stand cancelled. Under exceptional circumstances, a candidate may be allowed to join late upto 31st July on the condition that he/she will have to make up the deficiency by working for the same number of days by which he/she joins late, after the date on which his/her period of training would have otherwise been completed but for his/her late joining. The admission will close on 31st July each year.



Medical Fitness will be a pre-condition for registration for all candidates. The candidates will be medically examined by a Medical Board, constituted by the Institute for this purpose to determine their medical fitness.



- (a) The complete application (i.e. accompanied with all documents etc.) must reach the Registrar of the Institute either by post or by personal delivery at the counter on or before the closing date. Applications may please be sent preferably by registered post for facility of candidates, the closing date receipt of applications has been mentioned on the application form. The counter for receipt of applications to be delivered personally will close at 4.00 P.M. on the closing date and no application will be received thereafter. The Institute will not be responsible if application is delivered to any other quarters. The fact that the application registration No. has been issued to the candidates, does not mean that the application is complete in all respects and has been accepted by the Institute.
- (b) Application received after the closing date are not considered. The Institute takes no responsibility for any delay in the receipt or loss of application/prospectus in transit.
- (c) Incomplete applications are not entertained and no correspondence will be made in this respect. All particulars in the application form must be written carefully and legibly. All claims made in the application must be supported with documentary proof.
- (d) The candidate who applies for more than one subject will be required to apply separate application form.
- (e) Candidates who have obtained MBBS degree from the Medical College/ Institute/University which are not recognized by the Medical Council of India are not eligible to apply.
- (f) Candidates should sign all the documents forming enclosures to the application and also put date.
- (g) The candidates should enclose with their applications three stamped self addressed envelope of size 23x15 cms (Rs. 5/- postage stamp on each envelope). These envelopes will be used for sending roll number, selection letter etc. Therefore, the address on the envelope should be legible, neat and complete.

- (h) No request for a change of the subject/course of the category applied for entertained after the submission of the application to the Institute.
- (i) The decision of the Director of the Institute in the matter of selection of candidates for the various courses shall be final.
- (j) The candidates invited for the selection may have to stay at Chandigarh for 2-3 days. No TA/DA is admissible to them for the purpose.
- (k) Any attempt on the part of candidate to influence directly or indirectly will be treated as disqualification.
- (l) Selection candidates shall have to pay the fees etc. on the same day failing which his/her selection will be treated as cancelled and the seat will be offered to the next on the waiting list in the order of merit.
- (m) Private practice in any form during the course is prohibited.
- (n) The Institute is well equipped and staffed by faculty recruited from all over the country.
- (o) There is a well stocked and upto date library and large number of professional journals and periodicals are subscribed to for use by the faculty and the residents/students.
- (p) The period of training is strictly full time and ordinarily continuous at the Institute.
- (q) The candidates selected for the course shall have to furnish the migration certificate from the university/Institute from which they passed their last examination at the time of their joining alongwith all other certificates in original in support of their qualification, experience etc.
- (r) If the closing date fixed for the receipt of applications by the Institute is declared as a holiday or half holiday by the Chandigarh Administration, then the Immediate next working day shall be the closing date for receipt of application.
- (s) The rules are subject to change in accordance with the decision of the Institute from time to time.
- (t) If any entrance examination/Interview is fixed for any course then there will not be any change in the date and the examination/Interview that will be held as per schedule even if the day is declared as a holiday or half holiday by the Chandigarh Administration.

- (u) If any candidate wants a duplicate Roll No./Admit Card to be issued, then he/she must do so by seeking the Registrar of the Institute on a working day during office hours atleast a day prior to the date fixed for the theory examination for obtaining a duplicate Roll no. the candidate is required to deposit a fee of Rs.50/- and also furnish his/her recent passport size photograph. No duplicate Roll No. / Admit Card is issued at the examination centre. The Centre Superintendent admits only those candidates to the examination whose candidature is confirmed.
- (v) In case of any dispute the same shall be settled within the jurisdiction of Chandigarh.
- (w) The Ragging is banned in the Institute. Ragging is cognisable offence. Stern action against the offenders shall be taken. Any one indulging in ragging will be punished appropriately, including expulsion from the Institute and / or imprisonment upto 3 years and / or fine upto Rs. 2500/-

WARNING

In case any candidate is found to have supplied false information or certificate etc. or is found to have concealed or withheld some information in his/her application form, then he/she shall be **debarred from admission. Any other action that may be considered appropriate by the Director of the Institute may also be taken against him/her which may include criminal prosecution also.**