

# PROSPECTUS

SESSION 2023-24

## **B.SC. (MEDICAL TECHNOLOGY) RADIOGRAPHY**

(GRADUATE DEGREE COURSE)

UNIVERSITY OF DELHI

FOR

**UNIVERSITY COLLEGE OF  
MEDICAL SCIENCES (UCMS)**

(UNIVERSITY OF DELHI)  
(GURU TEG BAHADUR HOSPITAL)  
DILSHAD GARDEN, DELHI-110095

**G.B. PANT INSTITUTE OF  
POSTGRADUATE MEDICAL  
EDUCATION & RESEARCH (GIPMER)**

JAWAHARLAL NEHRU MARG, 64 KHAMBA, RAJ GHAT,  
NEW DELHI-110002

ENTRANCE TEST DATE

**20<sup>th</sup> May, 2023 (Saturday)**  
**(Time 11:00 A.M. to 12:30 P.M.)**

EXAM VENUE

**UNIVERSITY COLLEGE OF MEDICAL SCIENCES**  
& G.T.B. Hospital (COLLEGE BLOCK)  
Dilshad Garden, Delhi-110095



Price – Rs.1000/-  
(For SC/ST/PWBD: Rs.500/-)

## IMPORTANT DATES

1. Opening Date of Application Form only on **ONLINE** mode through the college website i.e. [www.ucms.ac.in](http://www.ucms.ac.in).

**Saturday, 15<sup>th</sup> April, 2023**

2. **Last date for submission of application form** duly completed in all respect through online mode only, along with application fee of Rs.1000/- (for SC/ST/PWD Rs. 500) through online portal ([www.ucms.ac.in/common/onlinepayment](http://www.ucms.ac.in/common/onlinepayment)) already available in the application form.

**Friday, 5<sup>th</sup> May, 2023 (Upto: 04:00 PM)**

3. Download the Admit Card through College website: i.e. [www.ucms.ac.in](http://www.ucms.ac.in)

**Monday, 15<sup>th</sup> May, 2023**

4. Date of entrance examination for B.Sc. (MT) Radiography.

**Saturday, 20<sup>th</sup> May, 2023**

5. Date for notification of the result by the University of Delhi, to be notified on the College Website.

**[www.ucms.ac.in](http://www.ucms.ac.in)**

6. Date for holding the counseling for admission. To be notified on the College Website

**[www.ucms.ac.in](http://www.ucms.ac.in)**

7. Commencement of the Academic Session **2023-2024**

**To be notified by the College**

8. Closing date of admission.

**To be notified by the College**

**INCOMPLETE APPLICATIONS SHALL BE SUMMARILY REJECTED.**

## PLEASE READ THE PROSPECTUS CAREFULLY BEFORE FILLING IN THE APPLICATION FORM

### INTRODUCTION

Medical Science has made tremendous advances in last two decades. Newer diagnostic and therapeutic modalities like ultrasound, CT scan, MRI, PET scan, etc. are developing at a rapid pace. It is possible to impart this knowledge to the medical students. However, there is acute shortage of supportive technical staff familiar with the newer techniques. X-ray technologist plays an important role in helping the radiologist to make a diagnosis by providing good quality films and helping in various diagnostic and therapeutic procedures. With advances in technology and expansion in medical care, there is increasing requirement of trained radiographers and supervisors to meet the expectations. Hence more and more job opportunities shall be available to the persons trained in X-ray and imaging technology.

With improving standards of medical care and for further upgradation, there is a need for highly qualified imaging professionals in this field all over the country. Further, placements are being solicited by the multinational companies for the bright technologists and highly skilled students as Application experts specializing in different fields in imaging technology. There exists a vast untapped potential in this field. Further, with many upcoming institutions for providing training for radiographers, there shall be increasing requirement for tutors. The B.Sc. course in Medical Technology (Radiography) is aimed at meeting this rising demand as well as at enhancing the quality of care.

### OBJECTIVES

- 1) This is a vocational educational technician course in X-ray technology which will fulfill need of trained manpower in the field of health services.
- 2) This Medical Technology (Radiography) course will ensure & help better patient care & diagnosing the patient in accurate manner & direction to achieve optimum result by the Medical Professionals.
- 3) To enhance the standard of knowledge and experience of the students in the field of Medical Technology (Radiography) and to update them with the newer developments taking place in the field of radio diagnosis.
- 4) The students will be aware and conversant with latest sophisticated modern Imaging modalities such as CT scan etc.
- 5) To make the students aware of various radiations safety measures meant for staff members and general public.

### ADMISSION ELIGIBILITY CRITERIA

**ELIGIBILITY:** A candidate who is an Indian citizen is eligible for admission to the course if he/she fulfils the following requirements:

- 1) **AGE ON ADMISSION:** An Applicant should have attained or will attain the age of 17 (seventeen) years as on or before **31<sup>st</sup> Dec., 2023**. **Candidates attaining 17 years of age on 1<sup>st</sup> Jan. of the subsequent year or later will not be eligible to appear at the competitive Entrance Examination.**
- 2) **The candidates must have passed 12<sup>th</sup> class examination under 10+2 system as a regular student, conducted by the CBSE/Council for the Indian School Certificate Examination/ Jamia Milia Islamia, New Delhi (Candidates who have passed 12<sup>th</sup> from Patrachar Vidhalaya or National Institute of Open Schooling will not be eligible), recognized school conducted regular classes of 11<sup>th</sup> and 12<sup>th</sup> Standard & situated within the National Capital Territory of Delhi only, will be eligible** for admission with the required subjects i.e., **Physics, Chemistry**, (including Organic Chemistry), **Biology** (Botany and Zoology) and **English** (core or elective) securing minimum of **50% marks (40% in case of SC/ST/OBC category candidates)** in aggregate in these subjects. In respect of the candidates with **locomotory disability of lower limbs, the minimum of 45% for Gen-PH and 40% marks for SC-PH/ST-PH/OBC-PH** are required.

- 3) Candidates who have appeared/passed 10+2 Examination with X-ray Technology in vocational scheme conducted by the CBSE, New Delhi, **with minimum 50% marks (40% in case of SC/ST /OBC) will also be eligible for Entrance Examination.**
- 4) **The candidate must have passed Physics, Chemistry, Biology & English examinations both in theory and practical separately.**
- 5) Certificate/Diploma in X-ray Technology of atleast two year duration conducted in Delhi recognized by a Board/University with minimum 50% marks.
- 6) A candidate shall not be eligible for admission to the B.Sc. (Medical Technology) Radiology at the time of counseling on the following condition:
  - i) If he/she does not pass the qualify examination i.e. 12<sup>th</sup> standard with required pass percentage of marks.
  - ii) If he/she is placed under compartment.
  - iii) If he/she is re-appearing for improvement.

The candidates, who are yet to appear in the supplementary examination of the qualifying course at the time of entrance examination, shall not be considered eligible for the competitive examination.

### COMPETITIVE ENTRANCE EXAMINATION

All the candidates who are found provisionally eligible as per details stated under criteria of eligibility shall be required to appear in the entrance examination which shall be conducted by the University of Delhi on **Saturday, 20<sup>th</sup> May, 2023** at UCMS and GTB Hospital, Delhi-110095. However, any candidate provisionally allowed to appear at the Entrance Test and found ineligible at the later stage of admission process shall not be offered the admission. The examination shall be of 90 minutes duration, and shall consist of one paper containing multiple choice questions.

Admit cards will be sent to the candidates **through college website (www.ucms.ac.in) by 15<sup>th</sup> May, 2023** (tentatively). If a candidate does not receive (or unable to download) his/her Entrance Examination Admit Card, they are required to report at Academic Section, Room No. 210, Second Floor, UCMS to get their Admit Card on **18<sup>th</sup> May, 2023**. But at the time of collection of Admit Card, the candidate must produce a valid I.D proof having his/her photograph.

No candidate shall be admitted to the Examination Hall, unless he/she holds admit card issued by the College.

### SYLLABUS FOR THE ENTRANCE TEST:

The general standard of the competitive Entrance examination will be that of 12<sup>th</sup> Class under the 10+2 scheme.

The entrance test will consist of one paper containing objective type (multiple choice questions) in the subjects of Physics, Chemistry, (including Organic Chemistry), Biology (Botany and Zoology).

### THE MEDIUM OF EXAMINATION WILL BE ENGLISH.

**SEATS:** Total No. of seats (for the session: **2023-24**) are: -

SEAT MATRIX FOR THE SESSION: <b>2023-24</b>		
S.No.	Name of the Institute	B.Sc. (MT)Radio.
1	University College of Medical Sciences & GTB Hospital, Delhi-95	<b>19</b>
2	G.B. Pant Institute of Postgraduate Medical Education & Research (GIPMER), Delhi-02	<b>05</b>

**DURATION:** The duration of the course is three academic years.

## **RESERVATION:**

- The **Reservation Roster** for admission in respect of SC/ST/OBC/EWS and PWD candidates shall be followed as per Government of India and University of Delhi.
- (a) Candidates belonging to SC/ST category**
- 22½ % of the total seats are reserved for applicants belonging to Scheduled Caste and Scheduled Tribes (15% for Scheduled Caste and 7½ % for Scheduled Tribes, **interchangeable, if necessary**)
  - The seats reserved for SC/ST shall be filled by the SC/ST candidates only. However, in the case of non-availability of the eligible candidates the reserved seats may be interchanged between the SC & ST. If any seat still remains unfilled, the same shall be left vacant.
  - The SC/ST candidate while applying for admission to the course, should enclose a copy of the certificate along with the application form to the effect that he/she belongs to Scheduled Caste/Scheduled Tribe category from any one of the competent authorities as listed below without which, benefit of reservation for Scheduled Caste/Tribe shall not be given:
    - (a) District Magistrate/ Additional District Magistrate/ Deputy Commissioner/ Collector/ Additional Deputy Commissioner/ Deputy Collector/ 1<sup>st</sup> Class Stipendiary Magistrate/ City Magistrate (not below the rank of 1<sup>st</sup> Class Stipendiary Magistrate/ Executive Magistrate/ Extra Assistant Commissioner).
    - (b) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate.
    - (c) Revenue officer not below the rank of Tehsildar.
    - (d) Sub-Divisional Officer of the area where the candidate and/ or his/ her family normally reside.
    - (e) Administrator/ Secretary to Administrator/ Development Officer (Lakshadweep Islands).
- (b) Candidates belonging to Other Backward Classes (OBC) category:**
- 27% of the total numbers of seats are reserved for applicants belonging to Other Backward Classes (OBC) in Govt. of India List.
  - The certificate must mention non-creamy layer status of the applicant (Non-creamy layer status issued by an authority mentioned in DOPT Office memorandum no. 36012/22/93-Estt. (SCT) dated 15.11.1993).
  - The OBC applicants who belong to the 'Non-Creamy Layer' and whose caste appears in the Central List of the OBCs (notified by the Ministry of Social Justice and Empowerment on the recommendations of the National Commission for Backward Classes available at the website [http://ncbc.nic.in/backward\\_classes/index.html](http://ncbc.nic.in/backward_classes/index.html)), shall be eligible to be considered for admission under the OBC category (Validity period of OBC certificate in respect of 'non-creamy layer' status of the applicants as per DOPT Office memorandum No. 36036/2/2013-Estt. (Res-I) dated 31 March 2016). The validity of the non-creamy layer certificate shall be for the financial year **2023-2024**, issued after **31<sup>st</sup> March, 2023**.
  - If the applicant does not have the OBC non-creamy layer certificate of the latest financial year **2023-2024** at the time of registration, the applicant may attach the previously issued (older) OBC non-creamy layer certificate or the acknowledgement slip of OBC non-creamy layer certificate application. However, at the time of admission, the applicant must produce the recent financial year's (**2023-2024**) OBC non-creamy layer certificate, issued by the same competent authority. This additional certificate must have reference of his/her already issued original caste certificate.

- Provided that, if any seat(s) reserved for the candidates belonging to OBC category remains unfilled due to non-availability of eligible candidate(s), the same shall be filled up by Open Merit List.

The candidate should not belong to the Creamy Layer. The proof of Non-creamy Layer certificate issued by one of the authorities competent to issue OBC Certificate are indicated below:

- District Magistrate/Addl. Magistrate/ Collector/ Dy. Commissioner/ Addl. Deputy Commissioner/ Dy. Collector/ 1<sup>st</sup> Class Stipendiary Magistrate/City Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
- Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
- Revenue Officer not below the rank of Tehsildar.
- Sub-Divisional Officer of the area where the candidate and his/her family normally reside.

**(c) Reservation under Economically Weaker Section (EWS) applicants**

As per the University of Delhi notifications, Reference No. Aca.I/Reservation of EWSs/2020/63 dated 4<sup>th</sup> April, 2020 and Reference No. Aca.I/Reservation of EWSs/2020/101 Dated 15<sup>th</sup> May 2020 issued by Deputy Registrar (Academic), University of Delhi, for the reservation for economically weaker Sections (EWS) Category, the College has reserved 10% seats for admission for the same from this Academic Year, 2023-24. The eligibility of such applicants will be decided on the basis of fulfilling criteria prescribed in the above notifications. For further details applicants can visit:

<http://www.du.ac.in/du/uploads/Notifications/04042020-Notifications-EWS.pdf>  
 &  
<http://www.du.ac.in/du/index.php?mact=News,cntnt01,detail,0&cntnt01articleid=23723&cntnt01returnid=83>

Proforma for Income and Asset Certificate:

<b>Annexure III</b>	
Government of _____ (Name & Address of the authority issuing the certificate)	
<b>INCOME &amp; ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS (EWS)</b>	
Certificate No. _____	Date: _____
<b>VALID FOR THE YEAR</b> _____	
This is to certify that Shri / Smt./ Kumari _____ son/daughter/wife of _____ permanent resident of _____, Village/Street _____ Post Office _____ District _____ _____ in the State/Union Territory _____ Pin Code _____ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her "family**" is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year _____. His/her family does not own or possess any of the following assets***:	
I. 5 acres of agricultural land and above; II. Residential flat of 1000 sq. ft. and above; III. Residential plot of 100 sq. yards and above in notified municipalities; IV. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.	
2. Shri/Smt./Kumari _____ belongs to the caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).	
<div style="border: 1px solid black; padding: 5px; width: fit-content;">           Recent Passport size Attested Photograph of the Applicant         </div>	Signature with seal of Office _____ Name _____ Designation _____

#### **(d) PWD- Candidates belonging to Physically Handicapped (PH) category**

Three percent (3%) seats are reserved on horizontal basis for the candidate belonging to the Orthopedically Handicapped category (as considered suitable for B.Sc. (MT) Radiography course).

The Physically Handicapped candidates having disability of not less than 40% are eligible and may apply as per the guidelines of the University of Delhi for admission.

The application form should be accompanied by certificate certifying valid permanent physical disability issued by a duly notified Medical Board of a District/Government Hospital set up for examining the physical challenged candidates under the provision of the persons with Disability (equal opportunities, protection of rights of full participation) Act 1995. The certificate should indicate the extent of permanent physical disability (i.e. percentage) and it should bear the photograph of the candidate concerned and it should be countersigned by one of the Doctors constituting the Board issuing the certificate.

In case Person with disability (PWD) candidate belongs to SC, ST or OBC category, he/she should also enclose appropriate certificate.

#### **APPLICATION PROCEDURE**

- I. The Prospectus shall be downloaded from the College website and filled the application form only through online mode i.e. [www.ucms.ac.in](http://www.ucms.ac.in) with the fee amounting of **Rs.1000/-** (Rs.500/- in case of SC/ST/PWBD) through online fee payment i.e. ([www.ucms.ac.in/common/onlinepayment](http://www.ucms.ac.in/common/onlinepayment)) before the last date, i.e., **5<sup>th</sup> May, 2023**.
- II. The candidate advises to take the printout of filled application forms for future reference. **AT present no need to sent any HARD COPY of the application form to the College, it will be demanded during the counselling.**
- III. Application fee of **Rs.1000/-** (Rs.500/- in case of SC/ST/PWD) shall not be refunded under any circumstances, i.e. whether the candidate appears or does not appear in the examination on any ground, or his/her application is rejected on any grounds. No correspondence on this matter shall be entertained.
- IV. Incomplete application forms, shall not be considered. The College does not take any responsibility for any technical glitch during full-up the form.

**The last date for receiving application form is, 5<sup>th</sup> May, 2023.**

#### **INSTRUCTIONS FOR FILLING THE APPLICATION FORM**

- a. All columns in the application form must be filled up in Block Letter and carefully and legibly. Incomplete application forms or those not containing the required enclosures shall be summarily rejected.
- b. A self attested true copy of Matriculation/ Sec. School Examination certificate issued by the University/ Board showing the date of birth of the candidate. (No other evidence for the date of birth of the candidate shall be accepted).
- c. A self attested true copy of the certificate & mark-sheet from the University/Board from Principal/Head of the School from which the candidate passed his/her last examination or any other qualifying exam given in para (ii) to (iv) under Admission Criteria Eligibility.
- d. An attested true copy of the character certificate of good conduct from Principal/ Head of the College/ Institution last attended.
- e. Candidates belonging to SC/ST/OBC/EWS/PWD should attach the copy of the certificate for its claim.
- f. Disability candidate while applying for admission to the course, should enclose a copy of Disability Certificate issued by a duly notified Medical Board of a District/Govt. Hospital set up for examining the physical challenged candidates under provision of the person with disability (equal opportunity protection of right of full participation) Act 1995.
- g. In case Person with disability (PWD) candidate also belongs to SC or ST or OBC category, he/she should also enclose appropriate certificate along with the application form.

## B.Sc. (MEDICAL TECHNOLOGY) RADIOGRAPHY

ENTRANCE TEST – 2023-24

Day and Date: Saturday, 20<sup>th</sup> May, 2023

### INSTRUCTIONS TO THE CANDIDATES

#### Time Schedule

1. Reporting time 10.00 A.M.
2. Candidates to occupy the allotted seats 10.30 A.M.
3. Issue of test booklets 10.45 A.M.

(Candidates shall write their particulars on the cover page of the booklet in ink/ball pen without breaking the seal of the test booklet).

4. Breaking/Opening the seal of the test booklet

The candidates on instructions from the invigilators shall break/open the seal of the booklet and take out the answer-sheet. They shall write their particulars on side 1 and shall write put their signature in ink on side 2. They shall write the roll number, category (e.g. Gen/SC/ST/PWD/OBC/EWS), with black ball point pen only. The method is shown below on the specimen portion from the answer sheet. Candidates are advised to be careful in writing these particulars since any wrong entry is likely to be rejected by the computer.

	परीक्षार्थी क्र. 11. ROLL NO.	वर्ग 12. CATEGORY	मालिका 14. SERIES	प्रश्न पुस्तिका अनुक्रमिक 15. TEST BOOKLET SERIAL NO.
परीक्षार्थी के हस्ताक्षर ( बॉल-पाइंट पेन से ) 9. Candidate's Signature (in ball-point pen)	0 2 7 4 3 ● ○ ○ ○ ○ ① ① ① ① ① ② ● ② ② ② ③ ③ ③ ③ ● ④ ④ ④ ● ④ ⑤ ⑤ ⑤ ⑤ ⑤ ⑥ ⑥ ⑥ ⑥ ⑥ ⑦ ⑦ ● ⑦ ⑦ ⑧ ⑧ ⑧ ⑧ ⑧ ⑨ ⑨ ⑨ ⑨ ⑨	SC ○ ST ○ UR ● OBC ○ PWD ○	1 4 ○ ○ ● ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	4 0 7 8 4 ○ ● ○ ○ ○ ① ① ① ① ① ② ② ② ② ② ③ ③ ③ ③ ③ ● ④ ④ ④ ● ⑤ ⑤ ⑤ ⑤ ⑤ ⑥ ⑥ ⑥ ⑥ ⑥ ⑦ ⑦ ● ⑦ ⑦ ⑧ ⑧ ⑧ ● ⑧ ⑨ ⑨ ⑨ ⑨ ⑨
पर्यवेक्षक के हस्ताक्षर ( बॉल-पाइंट पेन से ) 10. Invigilator's Signature (in ball-point pen)				

5. Examination starts : 11.00 A.M.
6. Examination concludes : 12.30 P.M.

The candidates reporting late shall be permitted to enter the Examination Hall up to 10.30 a.m. No candidate shall be permitted to enter in the Examination Hall after 10.30 a.m. under any circumstances. Hence the candidates are advised to reach the Examination Centre by the reporting time so as to avoid any complication at a later stage.

#### BLACK BALL POINT PEN

The candidates shall bring their own black ball point pens. In case, if any pencil used, the answer sheet will be rejected by the Optical Mark Reader on which the answer sheet shall be scanned.



**THE TEST**

The test consists of one paper of **90 minutes duration**. Each question shall be followed by four possible options marked (A), (B), (C), (D) of the four options, only one shall be correct or the most appropriate response. There will be no negative marking.

**ANSWER SHEET AND CHECKING OF SERIAL NUMBER**

The answer sheet shall be found placed inside the Test Booklet. It will carry serial number which should tally with the serial number on the Test Booklet. In case the candidate finds any discrepancy between the serial number mentioned on the Test Booklet and the answer sheet placed inside it, he/she should immediately bring it to the notice of the invigilator. In such an event, the Test Booklet and the answer sheet shall be replaced. In no case the candidate should use an answer sheet which has a different serial number than the one given along with the Test Booklet.

**HOW TO USE THE ANSWER SHEET**

In the answer sheet the serial number of the question is given in the column, which corresponds to question number in the Test Booklet. In each row there are four circles which correspond to the four possible responses to that question. The candidates shall find out the most appropriate response to the question and shall darken the corresponding circle completely with **black ball points pen** only.

**SPECIMEN**

		11. परीक्षार्थी क्रमांक ROLL NO.	12. वर्ग CATEGORY	13. तालिका SERIES	14. प्रश्नपुस्तिका अनुक्रमांक THE BOOKLET SERIES NO.																																										
10. (परीक्षार्थी के हस्ताक्षर (बॉल-पाइंट पेन से) <b>CANDIDATE'S SIGNATURE (IN BALL-POINT PEN)</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> </table>	0	1	2	3	4	5	6	7	8	9	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td>UR</td><td><input type="radio"/></td></tr> <tr><td>SC</td><td><input type="radio"/></td></tr> <tr><td>ST</td><td><input type="radio"/></td></tr> <tr><td>OBC</td><td><input type="radio"/></td></tr> <tr><td>PWD</td><td><input type="radio"/></td></tr> </table>			UR	<input type="radio"/>	SC	<input type="radio"/>	ST	<input type="radio"/>	OBC	<input type="radio"/>	PWD	<input type="radio"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> </table>	0	1	2	3	4	5	6	7	8	9	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> </table>	0	1	2	3	4	5	6	7	8	9
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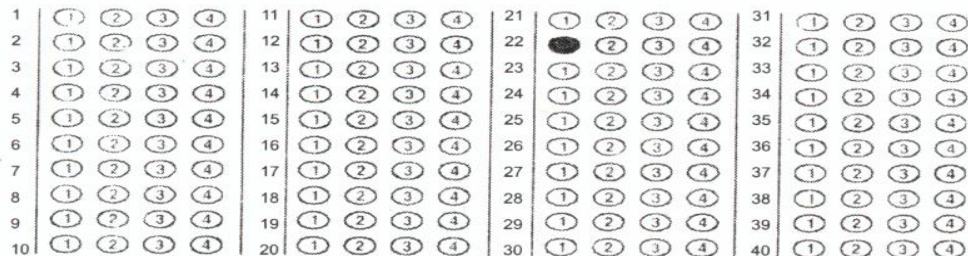
1	①	②	③	④	31	①	②	③	④	61	①	②	③	④
2	①	②	③	④	32	①	②	③	④	62	①	②	③	④
3	①	②	③	④	33	①	②	③	④	63	①	②	③	④
4	①	②	③	④	34	①	②	③	④	64	①	②	③	④
5	①	②	③	④	35	①	②	③	④	65	①	②	③	④
6	①	②	③	④	36	①	②	③	④	66	①	②	③	④
7	①	②	③	④	37	①	②	③	④	67	①	②	③	④
8	①	②	③	④	38	①	②	③	④	68	①	②	③	④
9	①	②	③	④	39	①	②	③	④	69	①	②	③	④
10	①	②	③	④	40	①	②	③	④	70	①	②	③	④
11	①	②	③	④	41	①	②	③	④	71	①	②	③	④
12	①	②	③	④	42	①	②	③	④	72	①	②	③	④
13	①	②	③	④	43	①	②	③	④	73	①	②	③	④
14	①	②	③	④	44	①	②	③	④	74	①	②	③	④
15	①	②	③	④	45	①	②	③	④	75	①	②	③	④
16	①	②	③	④	46	①	②	③	④	76	①	②	③	④
17	①	②	③	④	47	①	②	③	④	77	①	②	③	④
18	①	②	③	④	48	①	②	③	④	78	①	②	③	④
19	①	②	③	④	49	①	②	③	④	79	①	②	③	④
20	①	②	③	④	50	①	②	③	④	80	①	②	③	④
21	①	②	③	④	51	①	②	③	④	81	①	②	③	④
22	①	②	③	④	52	①	②	③	④	82	①	②	③	④
23	①	②	③	④	53	①	②	③	④	83	①	②	③	④
24	①	②	③	④	54	①	②	③	④	84	①	②	③	④
25	①	②	③	④	55	①	②	③	④	85	①	②	③	④
26	①	②	③	④	56	①	②	③	④	86	①	②	③	④
27	①	②	③	④	57	①	②	③	④	87	①	②	③	④
28	①	②	③	④	58	①	②	③	④	88	①	②	③	④
29	①	②	③	④	59	①	②	③	④	89	①	②	③	④
30	①	②	③	④	60	①	②	③	④	90	①	②	③	④

**Examples:**

22. The natural satellite(s) of the Earth is /are:

- (1) Moon
- (2) Planetisimals
- (3) Comets
- (4) All the above

The correct response to the question is (1) Moon. The candidate shall locate row 22 in the answer sheet and shall darken the circle (1) as shown below:

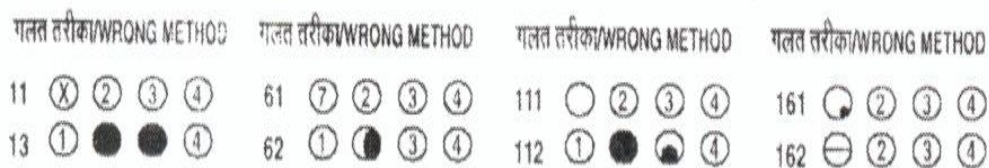


**CHANGING THE ANSWER**

No correction is permitted either using white correction fluid & or any kind of eraser.

**WRONG WAY**

If more than one circle is darkened or if the response is marked in any manner in question shown below.



The candidates are, therefore, advised to decide about the most appropriate response before they mark it in the answer sheet. A lightly or faintly darkened circle shall also be treated as wrong method of marking and shall be treated as wrong answer.

**ROUGH WORK**

All rough work is to be done in the Test Booklet only. The candidates shall NOT do any rough work or put stray mark on the answer sheet.

**NOTE**

During the examination, the Invigilator shall check the admit cards of the candidates to satisfy himself/herself about the identity of each candidate. The invigilator shall also check that candidates have filled in their particulars correctly. The invigilator shall also put his/her signature in the box provided in the answer sheet.

After completing the Test and before handling over the Test Booklet and the answer sheet it should be checked again that all the particulars required in the Test Booklet and the answer Sheet have been correctly written or filled in.

A signal shall be given at the beginning of the examination and at the half time. A signal shall also be given 5 minutes before the closing time and at the closing time, when the candidates must stop marking the responses.

## **GENERAL**

1. The candidates must bring their admit cards and keep one spare attested photograph with them.
2. Each candidate must show on demand his/her admit card bearing the roll number along with a valid I.D proof bearing his/her photograph for admission to the Examination Hall.
3. A seat with a roll number shall be allotted to each candidate. The candidate must find out and occupy the allotted seat.
4. No candidate, without the permission of the Superintendent, or the Invigilator concerned, shall leave his/her seat or the Examination Hall until he/she finishes his/her paper. The candidate should not leave the Examination Hall without handing over his/her Test Booklet and the Answer sheet to the Invigilator on duty.
5. The candidates should not take any article in the Examination Hall except admit card, black ball point pens, for their use during the examination. All books/ notes/ other material, etc. should be kept outside the Examination Hall.
6. The candidates are also advised to bring with them a card/clip board on which nothing should be written so that they have no difficulty in marking responses in the Answer Sheet as the tables provided in the Examination Hall may or may not have even or smooth surface.
7. Smoking in the Examination Hall is strictly prohibited.
8. The candidates must observe perfect silence during the examination and must not indulge in any conversation or gesticulation.
9. Tea, coffee, cold drinks or snacks are not allowed to be taken inside the Examination Hall.
10. Use of any calculating device like slide, log tables or electronic/ manual calculator is strictly prohibited.
11. Cellular phone/Pager/Electronic gadget/Smart Watch/etc. are strictly prohibited in the Examination Hall.
12. Face mask and follow the all COVID protocols.

## **HOSTEL FACILITY**

The Hostel accommodation may be possible in the undergraduate Hostels separate for boys and girls.

## **PROCEDURE FOR SELECTION**

Out of the eligible candidates who have applied and appeared in the competitive entrance examination, a merit list shall be drawn based on the result of the competitive examination (combined and separately, category wise) as shown below:

- (a) Combined (Consolidated)
- (b) General candidates
- (c) SC candidates
- (d) ST candidates
- (e) OBC candidates
- (f) Persons with disabilities (PWD)
- (g) Economically Weaker Section (EWS)

The candidates are required to submit the documentary evidence of having passed their qualifying examination with required percentage of the aggregate marks.

The criteria for selection of students having equal marks in the Entrance Examination shall be follows:

- (i) In case of equal marks at the Entrance Examination, the candidate securing higher percentage of aggregate marks in the qualifying examination as mentioned under the admission criteria.
- (ii) In case of candidates having equal percentage of aggregate marks in the qualifying examination, the date of birth would be the basis for selection, i.e. the candidate having higher age shall be offered admission first.

After the declaration of the result of Entrance Examination, all eligible candidates shall be required to attend the counseling for final offer of admission. Those candidates who do not attend the counseling shall not be considered for admission.

The candidates selected for admission shall be issued the admission letter by the college & intimated accordingly.

Candidates must also note that the College does not issue or supply any mark-sheet of the result of the Entrance Examination and no correspondence on this subject shall be entertained. No intimation to unsuccessful candidates shall be sent.

### IMPORTANT

1. In case any candidate is found to have furnished false information/certificate, etc. or is found to have withheld or concealed some information in his/her Application Form, he /she shall be debarred from admission to this Course.
2. In case, any document required to be submitted along with application form, is not in order, the application shall be summarily rejected.
3. The candidate must note that he/she should not submit original certificates in any case along with the application form. The College does not take any responsibility for returning the original certificates.
4. Any attempt on the part of the candidate to influence the result of the examination directly or indirectly shall result in his/her disqualification.
5. An application form which is incomplete in any respect, shall not be accepted/processed.
6. The candidates are advised to check and ensure that the Serial Number mentioned on the application form, attendance sheet, admit card and acknowledgement slip are the same. In case any discrepancy is noted, the same should be immediately brought to the notice of the Section Officer (Academic). Any complaints received after the examination is held, shall not be entertained.

The serial Number inscribed on the application form/ admit card shall be considered as the Number for all correspondence purposes till a Roll No. is allotted on the admit card.

7. It shall be the responsibility of the candidate to ensure that the correct **address/e-mail ID** is filled in the application form and on the admit card. If original admit card is not received, the candidates are required to collect duplicate admit cards personally on 18<sup>th</sup> May, 2023 from the Academic Section Room No. 210, College Block. The College shall not be responsible for any loss in transit or for incorrect address/e-mail ID given by the applicant on the admit card.
8. All disputes pertaining to the conduct of the examination shall be within the jurisdiction of the Delhi Courts.
9. The candidates are also advised to keep themselves in regular touch with the college website - [www.ucms.ac.in](http://www.ucms.ac.in) for further updates & information.

### MEDICAL EXAMINATION

The selected candidates shall have to undergo a medical examination by the Medical Board set up by the College. If in the assessment by the Medical Board a candidate is found

medically unfit to join the course, then he/she shall be rejected and shall not be admitted to the course. The decision of the Board shall be final. In such case, the next student in order of merit shall be offered admission to the course.

## **GENERAL**

If any candidate selected for admission fails to join the course by the prescribed date, his/her seat shall be offered to the candidate next in the merit in the category, without any further correspondence.

## **COMMENCEMENT OF THE SESSION: - “To be notified by the College”**

Selected candidates shall be required to bring the following certificates in original for verification. Failure to produce the same may result in cancellation of admission: -

- a. All original certificates showing the eligibility of the candidate for admission to the 1<sup>st</sup> year B.Sc. (MT) Radiography course.
- b. Certificate from the District Magistrate or the officials specified in the prospectus showing that the applicant belongs to Scheduled Caste/Tribe/OBC/PWD/EWS category as indicated in the prospectus
- c. Character certificate from the Head of the Institution last attended
- d. In case the candidate is already employed, Relieving Certificate and grant of permission to pursue the said course from the Head of the Office/Institution be submitted.

## **CLARIFICATIONS**

1. Merely appearance at the Entrance Test will not entitle the candidate for admission.
2. Any directions with regards to reservation provision in respect of PWD candidates received from the University of Delhi/Govt. in connection with the admission shall be followed accordingly.
3. The college reserves the right to revise, amend, updates or delete any part of this bulletin, rules & regulation at its discretion as & when considered necessary by the competent authority of the College/University of Delhi.
4. The admission offered for the 1<sup>st</sup> year B.Sc. Medical Technology (Radiography) Course shall be **“Provisional”** and in case any discrepancy/ shortcoming/dispute & error with regard to the selection of the candidate is detected at any stage in the eligibility criteria or other norms laid down in the Prospectus for admission to the 1<sup>st</sup> year B.Sc. Medical Technology (Radiography) Course, the admission shall be cancelled and the decision of the College/ University of Delhi shall be final and binding on the candidate.

## **DISCIPLINE**

1. The student shall submit himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and several authorities of the University who may be vested with the authority to exercise discipline under the Act, the Ordinance and the Rules that have been framed by the University from time to time.
2. The Student would undergo the course on full-time basis, no private practice, part-time job being permissible during the duration of the course.
3. University has all the right to remove the name of the student from the rolls in case his/her work or conduct is reported to be not satisfactory by the Supervisor/Head of the Department/Head of the Institution. An undertaking (“after admission I will follow the rules and regulations of the College/DU and action may be taken as per the rules laid down in the prospectus & by the College disciplinary committee”) to this effect should be obtained from the student at the time of admission.
4. The admission will be terminated if the student is not regular and absent unauthorizedly/ without prior permission.

## **RAGGING (Ordinance XV-C)**

1. Ragging in any is strictly prohibited, within the premises of College/ Department of Institution and any part of Delhi University system as well as on public transport.
2. Any individual or collective act or practice of ragging constitutes gross indiscipline and shall be dealt with under this Ordinance.
3. Ragging for the purpose of this Ordinance, ordinarily means act, conductor practice by which dominant power or status of senior students is brought to bear on students freshly enrolled or students freshly enrolled or students who are in any way considered junior or inferior by other students and includes individual or collective acts or practices which-
  - (a) involve physical assault or threat to use of physical force;
  - (b) violate the status, dignity and honour of women students;
  - (c) violate the status, dignity and honour of students belonging to the scheduled castes and tribes;
  - (d) expose students to ridicule and contempt and affect their self esteem;
  - (e) entail verbal abuse and aggression, indecent gestures and obscene behavior.
4. The Principal of a College, the Head of the Department or an Institution, the authorities of College, of University Hostel or Halls or Residence shall take immediate action on any information of the occurrence of ragging.
5. Notwithstanding anything in Clause (4) above, the Proctor may also *suomoto* enquire into any incident of ragging and make a report to the Vice-Chancellor of the identity of those who have engaged in ragging and the nature of the incident.
6. The Proctor may also submit an initial report establishing the identity of the perpetrators of ragging and the nature of the ragging incident.
7. If the Principal of a College or Head of the Department or Institution or the Proctor is satisfied that for some reason, to be recorded in writing, it is not reasonably practical to hold such an enquiry, he/she may so advise the Vice-Chancellor accordingly.
8. When the Vice-Chancellor is satisfied that is not expedient to hold such an enquiry, his/her decision shall be final.
9. On the receipt of a report under Clause (5) or (6) or a determination by the relevant authority under Clause (7) disclosing the occurrence of ragging incidents described in Clause 3 (a), (b) and (c) the Vice-Chancellor shall direct or order rustication of a student or students for a specific number of years.
10. The Vice-Chancellor may in other cases of ragging order or direct that any student or students be expelled or be not for a stated period, admitted to a course of study in a college, departmental examination for one or more years or that the results of the student or students concerned in the examination or examinations in which they appeared be cancelled.
11. In case any students who have obtained degrees of Delhi University are found guilty under this Ordinance appropriate action under Statute 15 for withdrawal of degrees conferred by the University shall be initiated.
12. For the purpose of this Ordinance, abetment to ragging whether by way of any act, practice or incitement of ragging will also amount to ragging.
13. All institutions within the Delhi University system shall be obligated to carry out instructions/directions issued under this Ordinance, and to give aid and assistance to the Vice-Chancellor to achieve the effective implementation of the Ordinance.
14. The medical council of India (presentation & prohibition of ragging in Medical Colleges/Institutions) regulations 2009 notified in the part III section 4 of the Gazette of India on 3.8.2009 amended from time to time be adhered to.
15. Sexual Harassment (Ordinance XV-D) has repelled by the act passed the Parliament the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (Ref. No. Estab. II(i)/27/ACC/2006 dated 09-01-2014) ([www.wcd.nic.in/wcdact/womenactsex.pdf](http://www.wcd.nic.in/wcdact/womenactsex.pdf)).

## AFTER ADMISSION

1. Attendance Criteria: To appear at the part I, II & III University Examinations; 75% Attendance is compulsory. Attendance is determined on the day to day room posting, lectures in theory and practical classes held in a year. Each component is weighed equally. Attendance will be counted from the commencement of the regular classes.
2. **DUTIES/POSTINGS:**  
Every student of B.Sc. (MT) Radiography shall be required to perform posting in Emergency X- Rays and CT Scan in the evening and night shifts, apart from day posting. The posting shall be done on rotation basis. Leave in lieu of evening and night posting shall be allowed. If student does not attend the class scheduled on the day of post duty off – no attendance will be given for the class.

**SECURITY BOND / SURETY BOND MONEY: -** (College is in process to obtain approval from the University of Delhi)

**A "BOND" worth Rs.50,000/- (Fifty Thousand only) with two sureties should be executed by the candidates at the time of their provisional admission in B.Sc. (Medical Technology) Radiography. The admission will not be valid unless and until the Surety Bond is executed by the candidate. The Performa of Surety Bond is available on website: [www.ucms.ac.in](http://www.ucms.ac.in)**

### Rules regarding payment of Surety Money: -

- a. If a student surrenders seat in violation of UCMS/Delhi University rules/instructions after joining the institution.
- b. If a student does not join the course at the allotted institution after allotment of seat in the Counselling after its last date.
- c. If the student leaves the courses before its completion.
- d. If the admission/registration of the student is cancelled/terminated by the University on account of unsatisfactory performance/misconduct/indiscipline.

The **Original Certificates** of the students would be kept in the custody of the College and would be returned only after completion of the course **or** on payment of Surety Bond money, as the case may be.

### Migration: -

- No Migration (to and fro) is permitted in the Medical College at the University of Delhi.

**FEE AND OTHER CHARGES OF B.SC. (M.T.) RADIOGRAPHY COURSE  
(SESSION 2022-23) FOR: UCMS/GIPMER, DELHI**

<b>UNIVERSITY COLLEGE OF MEDICAL SCIENCES (UCMS)</b> (UNIVERSITY OF DELHI) (GURU TEG BAHADUR HOSPITAL) DILSHAD GARDEN, DELHI-110095	<b>G.B. PANT INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION &amp; RESEARCH (GIPMER)</b> JAWAHARLAL NEHRU MARG, 64 KHAMBA, RAJ GHAT, NEW DELHI-110002
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Fees and other Charges for the course will be as follows: *(Note: It is to inform that the College is in process to enhanced the College fee for B.Sc. (MT)R Course i.e. approximate 20,000/- annually after approval of the Competent Authority, hence the difference amount has to pay by the student in due course of time) –*

	Annual Charge	At the Time of Admission
<b>(A)</b>	<b>College Funds</b>	
1. *Admission Fee		100.00
2. *Tuition fee	240.00	
3. College Lab. Maintenance	250.00	
4. College Library	250.00	
5. Identity Card Fee		50.00
6. Terminal Examination Fee	25.00	
7. WUS	5.00	
<b>(B) University Funds</b>		
1. University Athletic Fee	50.00	
2. Enrolment Fee (for students from A University other than Delhi Univ.) (at the time of Admission only)		200.00
3. University Cultural Council Fee	5.00	
4. University Development Fee	600.00	
5. NSS	20.00	
<b>(C) Students funds</b>		
1. Sports & Games	450.00	
2. Students & Union Fund	50.00	
3. Cultural & Creative Activities	1250.00	
4. Students Publications	150.00	
5. Students Aid Fund	100.00	
6. **Development Fund	300.00	
7. Medical Fee	50.00	
8. College day Celebration	500.00	
9. College Computer Maintenance	1000.00	
<b>Caution Money:</b>		
College		500.00
Library		300.00
<b>TOTAL</b>	<b>5295.00</b>	<b>1150.00</b>
<b>GRAND TOTAL</b>	<b>6445.00</b>	

**(\*) Note: The students belonging to Schedule Caste/ Schedule Tribe Categories whose parents income is such that they are not paying Income Tax be exempted from the payment of TUITION FEE and ADMISSION FEE(University circular No.SPLC/Fee Exemp./SC/ST/2015-16 dated 09-09-2015).**

**(\*\*) under Student fund Head the SC/ST Students are exempted from payment of DEVELOPMENT FUND.**



## ADMINISTRATIVE STAFF

Professor Piyush Gupta	:	Principal, UCMS Ph: 22582106
Dr. Ashmita Muthal Rathore	:	Medical Director, GTB Hospital Ph: 22581730
Dr. Shuchi Bhatt	:	Professor (CAS) & Head, Dept. of Radio-Diagnosis and Chief Co-ordinator, B.Sc. (MT)R & M.Sc.(R&MIT) Courses Ph: 22586262 (2401) Extn.
Dr. Poonam Narang	:	<b>Dean, MAMC</b> & Director Professor Radiology, GIPMER, Delhi
Dr. Anupama Tandon	:	Professor (CAS), Radiodiagnosis, UCMS Ph. 22586262
Dr. Kalpana Bansal	:	Associate Professor, Radiology, GIPMER Ph. 23234001
Mr. S Rangabashiam	:	Joint Registrar, UCMS Ph: 22596637
Mr. Jitender S. Pal	:	Assistant Registrar (Acad.), UCMS Ph: 22582106
Mr. Sanjay Kumar	:	Section Officer (Acad.), UCMS Ph: 22582972-74/1202 Extn.
Mr. Arun Kumar	:	Assistant (Acad.), UCMS Ph: 22582972-74/1202 Extn.
Mr. Hemant Rana (for technical support from 10 AM to 3.30 PM)	:	STA (Computer), UCMS Ph. 22599273