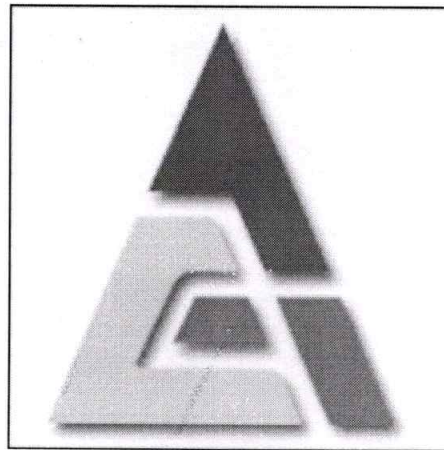


# AMRITSAR GROUP OF COLLEGES

Autonomous Status conferred by UGC act- 1956,(2f),NAAC-A Grade

**4<sup>th</sup> Meeting**  
**Of**  
**Board of Studies**  
**(07-05-2026)**

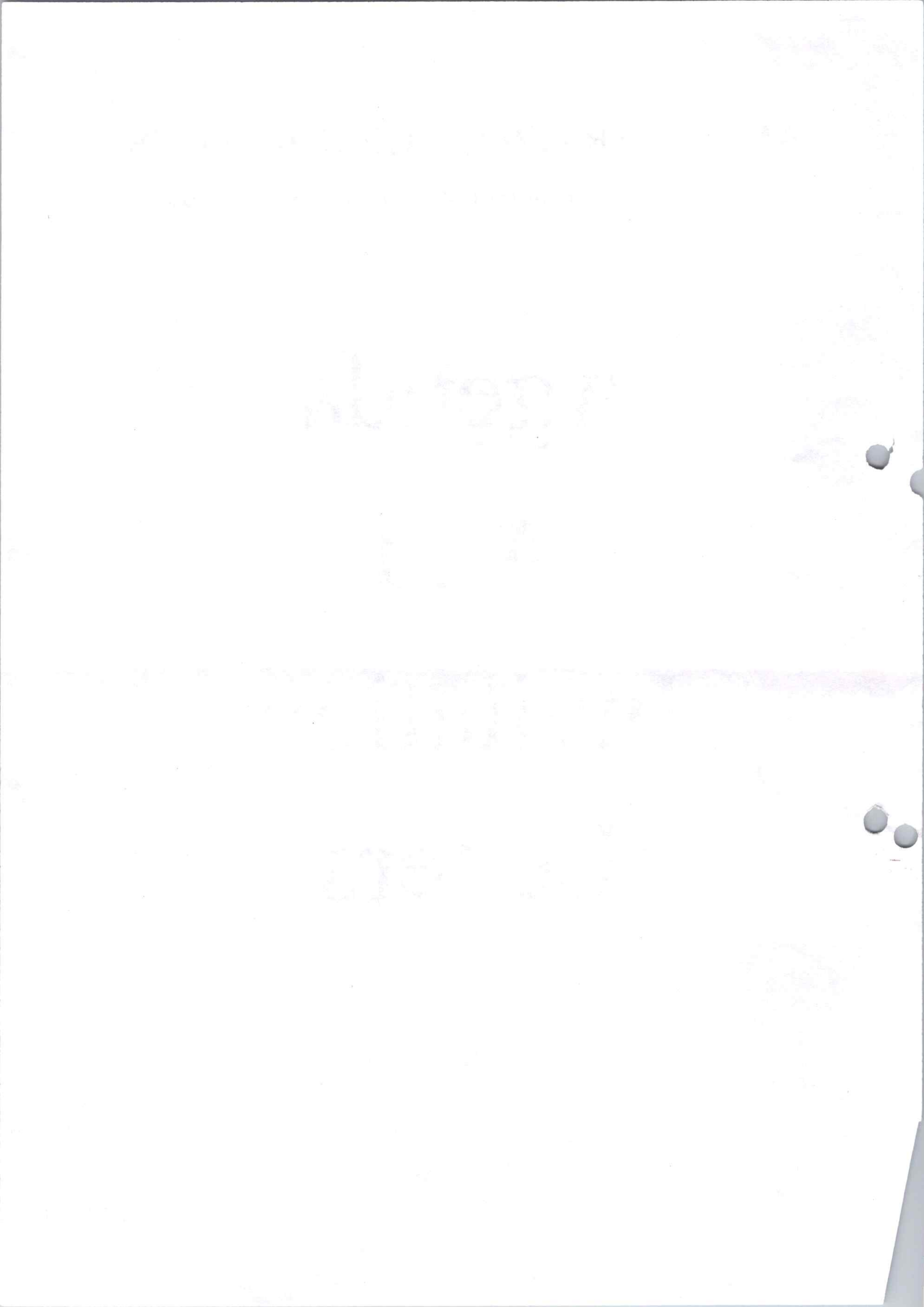


Department of  
Allied and Healthcare Sciences  
Amritsar Group of Colleges , Amritsar

AMRITSAR GROUP OF COLLEGES

Autonomous Status conferred by UGC act- 1956,(2f),NAAC-A Grade

Agenda  
And  
Invitation  
Letters



AGC/AHCS/2026/10342

**Agenda of the 4<sup>th</sup> Meeting of Board of Studies to be held on**  
**7<sup>th</sup> May, 2026 at 2.00 pm (online mode)**

- 
- 4.1 To confirm the minutes of the previous meeting of the Board of Studies .
- 4.2 Implementation of National Commission for Allied and Healthcare Professions approved curricula .
- 4.3 To apprise the members of the Board about the results of the End Semester Examinations ( ESEs) held in November 2025 .
- 4.4 To apprise the members of the Board about the events and activities conducted during the session Jan-June 2026 .
- 4.5 Any other issue with the permission of the Chair .



**Dr . Sanjay Sharma**

Chairperson, Board of Studies

**Copy to ;**

- 1. Member Secretary, Academic Council**
- 2. Prof. In (IQAC)**
- 3. Member of BOS**
- 4. Head , IAC**



Dr. Sanjay Sharama <hod.ahc@acetedu.in>

---

## invitation for 4th BOS Meeting

1 message

---


Dr. Sanjay Sharama <hod.ahc@acetedu.in>  
To: vipan kumar <vipanorg@gmail.com>

Tue, May 5, 2026 at 10:26 AM

---

### 2 attachments

 10348 invitation 4th vipan.pdf  
308K

 BOS Agenda 4th Meeting.pdf  
334K

*Dr. Sanjay Sharama*



Dr. Sanjay Sharama <hod.ahc@acetedu.in>

---

## invitation for the 4th BOS Meeting

1 message


---


Dr. Sanjay Sharama <hod.ahc@acetedu.in>  
To: Gaurav Bhargava <gauravorganic@gmail.com>

Tue, May 5, 2026 at 10:25 AM

---

### 2 attachments

 10347 invitation 4th BOS Gaurav.pdf  
273K

 BOS Agenda 4th Meeting.pdf  
334K

*Handwritten signature*



Dr. Sanjay Sharama <hod.ahc@acetedu.in>

---

## invitation for the 4th BOS Meeting

1 message

---


Dr. Sanjay Sharama <hod.ahc@acetedu.in>  
To: Madhulika Bhagat <madhulikasbt@gmail.com>

Tue, May 5, 2026 at 10:24 AM

---

### 2 attachments

 10346 invitation BOS 4th Meeting Madhulika Bhagat.pdf  
333K

 BOS Agenda 4th Meeting.pdf  
334K

*Handwritten signature in blue ink.*



Dr. Sanjay Sharama <hod.ahc@acetedu.in>

---

**invitation for 4th BOS Meeting**


1 message

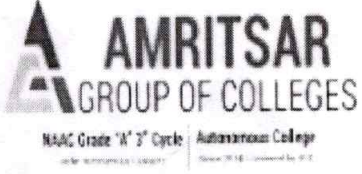
---

**Dr. Sanjay Sharama** <hod.ahc@acetedu.in>  
To: apolohospitalamritsar@gmsil.com

Thu, May 7, 2026 at 1:52 PM

---

 **Dr Reena Bhatia.pdf**  
353K

 <p>AMRITSAR GROUP OF COLLEGES</p> <p>NAAC Grade 'A' 3<sup>rd</sup> Cycle   Autonomous College for Amritsar Group of Colleges   Since 1948   Approved by UGC</p>	<b>Invitation to attend 4<sup>th</sup> Meeting of Board of Studies</b>	<b>Department of Allied and Healthcare Sciences</b>
	<b>Ref.No.AGC/AHC/2026/10348 Date :04/05/2026</b>	

**Dr. Vipin Kumar,**  
Professor,  
Department of Chemistry,  
Guru Nanak Dev University, Amritsar

Subject: Invitation to attend 4<sup>th</sup> meeting of Board of Studies

Dear Sir,

Warm Greetings!!

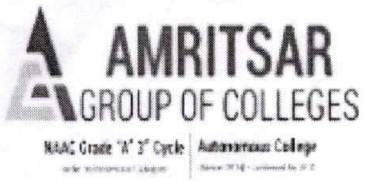
You are humbly invited to attend **4<sup>th</sup> meeting of the Board of Studies of Department of Allied and Healthcare Sciences**, scheduled on **07.05.2026**. The meeting will be held in an Online mode (Google meet ) at **2:00pm** and the online link will be shared through WhatsApp. You are requested to make it convenient to attend the meeting to discuss the enclosed agenda. Honorarium will be paid as per the rules of the Institute.

A line of confirmation for your participation will be highly helpful for the smooth conduct of the meeting.

Best regards,



**Dr. Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

 <p><b>AMRITSAR</b> GROUP OF COLLEGES</p> <p>NAAC Grade "A" 3<sup>rd</sup> Cycle Autonomous College Since 1974 - continued to 2026</p>	<b>Invitation to attend 4<sup>th</sup> Meeting of Board of Studies</b>	<b>Department of Allied and Healthcare Sciences</b>
	<b>Ref.No.AGC/AHC/2026/10347</b> <b>Date :04/05/2026</b>	

**Dr. Gaurav Bhargava,**  
Professor and Head,  
Department of Chemistry,  
Punjab Technical University, Kapurthala, Punjab

Subject: Invitation to attend 4<sup>th</sup> meeting of Board of Studies

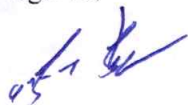
Dear Sir,

Warm Greetings!!

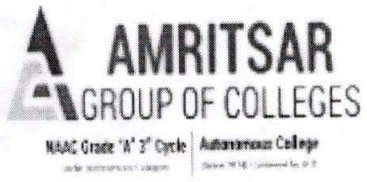
You are humbly invited to attend **4<sup>th</sup> meeting of the Board of Studies of Department of Allied and Healthcare Sciences**, scheduled on **07.05.2026**. The meeting will be held in an Online mode(Google meet) at **2:00pm** and the online link will be shared through WhatsApp. You are requested to make it convenient to attend the meeting to discuss the enclosed agenda. Honorarium will be paid as per the rules of the Institute.

A line of confirmation for your participation will be highly helpful for the smooth conduct of the meeting.

Best regards,



**Dr.Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

 <p><b>AMRITSAR</b> GROUP OF COLLEGES</p> <p>NAAC Grade "A" 3<sup>rd</sup> Cycle Autonomous College Since 1981 (Approved by U.P.E.)</p>	<b>Invitation to attend 4<sup>th</sup> Meeting of Board of Studies</b>	<b>Department of Allied and Healthcare Sciences</b>
	<b>Ref.No.AGC/AHC/2026/10346</b> <b>Date :04/05/2026</b>	

**Dr. Madhulika Bhagat,**  
Professor,  
School of Biotechnology,  
University of Jammu, Jammu

Subject: Invitation to attend 4<sup>th</sup> meeting of Board of Studies

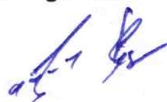
Dear Sir,

Warm Greetings!!

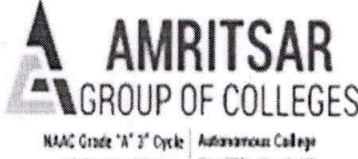
You are humbly invited to attend **4<sup>th</sup> meeting of the Board of Studies of Department of Allied and Healthcare Sciences**, scheduled on **07.05.2026**. The meeting will be held in an Online mode (google meet) at **2:00pm** and the online link will be shared through WhatsApp. You are requested to make it convenient to attend the meeting to discuss the enclosed agenda. Honorarium will be paid as per the rules of the Institute.

A line of confirmation for your participation will be highly helpful for the smooth conduct of the meeting.

Best regards,



**Dr. Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

 <p>AMRITSAR GROUP OF COLLEGES NAAC Grade 'A' 3<sup>rd</sup> Cycle   Autonomous College <small>(Under Amritsar Group of Colleges) (Recognized by UGC)</small></p>	<b>Invitation to attend 4<sup>th</sup> Meeting of Board of Studies</b>	<b>Department of Allied and Healthcare Sciences</b>
	<b>Ref.No.AGC/AHC/2026/10352 Date :07/05/2026</b>	

**Dr. Reena Bhatia,**  
Apollo Hospital , Bhushanpura ,  
Amritsar.

Subject: Invitation to attend 4<sup>th</sup> meeting of Board of Studies

Respected Madam,

Warm Greetings!!

You are humbly invited to attend **4<sup>th</sup> meeting of the Board of Studies of Department of Allied and Healthcare Sciences**, scheduled on **07.05.2026**.The meeting will be held in an Online mode(google meet) at **2:00pm** and the online link will be shared through WhatsApp. You are requested to make it convenient to attend the meeting to discuss the enclosed agenda. Honorarium will be paid as per the rules of the Institute.

A line of confirmation for your participation will be highly helpful for the smooth conduct of the meeting.

Best regards,


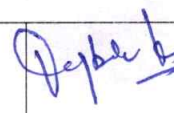






**Dr.Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar





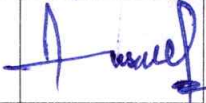
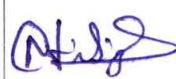

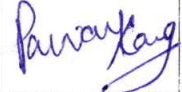


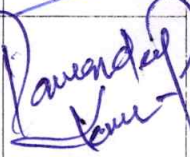




# AMRITSAR GROUP OF COLLEGES

Autonomous Status conferred by UGC act- 1956,(2f),NAAC-A Grade

# Attendance Sheet

S.no.	Name	Designation	Institution	Attendance	Signature
1.	Dr. Sanjay Sharma	Chairperson BoS, HOD	Department of Allied and Healthcare Sciences, Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	
2.	Dr. Vipan Kumar	Professor	Department of Chemistry, Guru Nanak Dev University, Amritsar	<b>Present (Online)</b>	
3.	Dr. Gaurav Bhargava	Professor	Department of Chemistry, Department of Food Science and Technology, Punjab Technical university, Kapurthala		
4.	Dr. Madhulika Bhagat	Professor	School of Biotechnology, University of Jammu, Jammu		
5.	Dr. Reena Bhatia	Doctor	Apollo Hospital, Bhushanpura, Amritsar .		
6.	Ms. Rajbir Kaur (Member Secretary, BOS)	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	
7.	Ms. Sonali Devgan	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	
8.	Ms. Loveleen Balu	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Absent</b>	
9.	Ms. Lovedeep	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	
10	Mr. Towqeer Bashir	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	



11	Mr. Nadeem Hassan Sofi	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
12	Ms. Nazima Habib	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
13	Ms. Anessa Aslam	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
14	Mr. Jahid Ayoub	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
15	Mr. Shahdar Ahmad mir	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
16	Mr. Thakur Nitin Singh	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
17	Ms. Aashmeen Kaur	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
18	Ms. Pawanpreet Kaur	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
19	Mr. Azad Moh. Shahlal	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
20	Ms. Rajwinder Kaur	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
21	Ms. Pawandeep kaur	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
22	Ms. Tarandeep Kaur	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
23	Mr. Khushpreet Singh	Assistant Professor	Amritsar Group of Colleges, Amritsar	Absent	
24	Ms. Rifat Yousuf	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
25	Mr. Amir Bashir	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	
26	Mr. Ashiq Hussain Malik	Assistant Professor	Amritsar Group of Colleges, Amritsar	Present (Online)	

2/9

27	Mr. Rizwan Muneer	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Absent</b>	
28	Mr. Utkarsh Dev	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	<i>Utkarsh Dev</i>
29	Ms. Radhika	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Absent</b>	
30	Mr. Anautullah Mohi U Din	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	<i>Anautullah Mohi U Din</i>
31	Ms. Toiba Jam	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	<i>Toiba Jam</i>
32	Mr. Mohsin Ahmed Mir	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Present (Online)</b>	<i>Mohsin</i>
33	Mr. Mirza Burhan Saleem	Assistant Professor	Amritsar Group of Colleges, Amritsar	<b>Absent</b>	


*Dr. Sanjay Sharma*  
**Dr. Sanjay Sharma**  
 Chairperson, Board of Studies  
 Department of Allied and Healthcare Sciences,  
 Amritsar Group of colleges  
 Amritsar

# AMRITSAR GROUP OF COLLEGES

Autonomous Status conferred by UGC act- 1956,(2f),NAAC-A Grade

**Proceedings of  
4<sup>th</sup> meeting  
of  
Boards of Studies**

**Department of  
Allied and Healthcare Sciences  
Amritsar Group of Colleges , Amritsar**

 <p><b>AMRITSAR</b> GROUP OF COLLEGES</p> <p>NAAC Grade "A" 3<sup>rd</sup> Cycle under Autonomous Category</p> <p>Autonomous College (Since 2014) Conferred by UGC</p>	<p><b>Proceedings of 4<sup>th</sup> meeting of Board of Studies</b></p> <p><b>Date:-07-05-2026</b></p>	<p><b>Department of Allied and Healthcare Sciences</b></p>
---	--	--

**4<sup>th</sup> Meeting of Board of Studies in the Department of Allied & Healthcare Sciences, Amritsar Group Colleges was held on 07-05-2026 (Thursday) at 2.00pm (online mode)**

**Following members attended the meeting :**

1. Dr. Sanjay Sharma Head of the Department (Chairperson)
2. Dr. Vipin Kumar, Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar. (External Expert )
3. Dr. Gaurav Bhargava, Professor and Head, Department of Pharmacy, Punjab Technical University, Kapurthala, Punjab. (External Expert )
4. Dr. Madhulika Bhagat, Professor, School of Biotechnology, University of Jammu, Jammu. (External Expert )
5. Ms. Sonali Devgan, Assistant Professor (Internal Members)
6. Ms. Lovedeep, Assistant Professor
7. Mr. Towqeer Bashir, Assistant Professor
8. Mr. Nadeem Hassan Sofi, Assistant Professor
9. Ms. Nazima Habib, Assistant Professor
10. Ms. Anessa Aslam, Assistant Professor
11. Mr. Jahid Ayoub, Assistant Professor
12. Mr. Shahdar Ahmad mir, Assistant Professor
13. Mr. Thakur Nitin Singh, Assistant Professor
14. Ms. Aashmeen Kaur, Assistant Professor
15. Ms. Pawanpreet Kaur, Assistant Professor
16. Mr. Azad Mohammad, Assistant Professor
17. Ms. Rajwinder Kaur, Assistant Professor
18. Ms. Pawandeep kaur, Assistant Professor
19. Ms. Tarandeep Kaur, Assistant Professor
20. Ms. Rifat Yousuf, Assistant Professor
21. Mr. Amir Bashir, Assistant Professor
22. Mr. Ashiq Hussain Malik, Assistant Professor

*Handwritten signature/initials*

23. Mr. Utkarsh Dev, Assistant Professor
24. Mr. Anautullah Mohi U Din, Assistant Professor
25. Ms. Toiba Jam, Assistant Professor
26. Mr. Mohsin Ahmed Mir, Assistant Professor
27. Ms. Rajbir Kaur, Assistant Professor (Member Secretary, BoS)

**Following members could not attend the meeting:**

1. Dr. Reena Bhatia , Apollo Hospital , Bhushanpura , Amritsar .
2. Ms. Loveleen Balu, Assistant Professor
3. Mr. Mirza Burhan Saleem, Assistant Professor
4. Ms. Radhika, Assistant Professor
5. Mr. Rizwan Muneer, Assistant Professor
6. Mr. Khushpreet Singh, Assistant Professor

**The minutes of the meeting are as follows :**

**BoS/DAHS 4.1: To confirm the minutes of the previous Board of Studies meeting held on 11-12-2025**

As no comments were received from any member so the minutes were confirmed.

**BoS/DAHS 4.2: Implementation of National Commission for Allied and Healthcare Professions approved curricula**

The Chairperson informed the members that the National Commission for Allied and Healthcare Professions (NCAHP), constituted under the Ministry of Health and Family Welfare, Government of India, has approved curricula for various allied and healthcare programmes including as Bachelor of Medical Laboratory Sciences, Bachelor of Medical Radiology Imaging and Technology, Bachelor of Anaesthesia & Operation Theatre Technology, Bachelor in Nutrition and Dietetics (Honours). The members deliberated upon the matter in detail and resolved that the approved NCAHP curricula shall be implemented against B.Sc. Medical Laboratory Sciences, B.Sc Radiology & Imaging Technology, B.Sc Operation Theatre Technology respectively, from the academic session 2026-27 onwards, Subject to confirmation of Nomenclature of the Degrees by the affiliating university (**Annexure-I**)

**BoS/DAHS 4.3: To apprise the members of Board about the results of the End Semester Examinations held in Nov 2025.**

The Board was apprised of the results of the End Semester Examinations conducted in November 2025 for the programmes under the Department of Allied Healthcare Sciences. The result analysis, including overall pass percentage and academic performance of students, was presented before the members for review and

discussion.

The members expressed satisfaction over the overall performance and emphasized the need for continuous academic monitoring and remedial measures to further improve students' outcomes and academic excellence (Annexure-II)

**BoS/DAHS 4.4: To apprise the members of Board about the events and activities conducted during the session Jan-June 2026.**

The Board was apprised of the various academic, co-curricular, and extension activities conducted by the department during the session January–June 2026. The activities included hospital visits and clinical exposure programmes, guest lectures, expert talks, workshops, awareness campaigns, and student enrichment activities organized for the holistic development of students.

The members were informed that these activities were conducted with the objective of enhancing practical exposure, professional competence, industry interaction, and experiential learning among students. The Board appreciated the efforts of the department in organizing such activities and encouraged the continuation of similar initiatives in future sessions. (Annexure-III)

**BoS/DAHS 4.5:** Any other issue with the permission of the chair

To apprise the members about the pattern of the question paper of Applied physics (BSOT208-19) and Basic in Computer & Information Science (BRIT407-21) for batch 2026.

The meeting ended with Vote of Thanks.



**Chairperson, Board of Studies  
Department of Allied & Healthcare Sciences  
AGC Amritsar**

**CURRICULUM OUTLINE****BMLS FIRST SEMESTER**

<b>COURSE NAME</b>	<b>Lecture</b>	<b>Tutorial</b>	<b>Practical</b>	<b>Credits</b>	<b>Contact Hours</b>
Human Anatomy	3	1	0	4	60
Human Physiology	3	1	0	4	60
Fundamentals of the Healthcare System and Medical Laboratory Science (MLS) #	2	0	0	2	30
Communication and Professionalism#	2	0	0	2	30
Basic Emergency care and First aid	1	1	0	2	30
Basics of Computer Application	1	0	1	2	45
Human Anatomy practical	0	0	4	2	60
Human Physiology practical	0	0	4	2	60
<b>Total</b>	<b>12</b>	<b>3</b>	<b>9</b>	<b>20</b>	<b>375</b>

**BMLS SECOND SEMESTER**

<b>COURSE NAME</b>	<b>Lecture</b>	<b>Tutorial</b>	<b>Practical</b>	<b>Credits</b>	<b>Contact Hours</b>
Fundamentals of Microbiology	4	0	0	4	60
Basics of Biochemistry	4	0	0	4	60
Fundamentals of Haematology	4	0	0	4	60
Preventive and Social Medicine	2	0	0	2	30
Fundamentals of Microbiology Practical	0	0	4	2	60
Basics of Biochemistry Practical	0	0	4	2	60
Fundamentals of Haematology Practical	0	0	4	2	60
<b>Total</b>	<b>14</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>390</b>

### BMLS THIRD SEMESTER

COURSE NAME	Lecture	Tutorial	Practical	Credits	Contact Hours
Bacteriology	4	0	0	4	60
Intermediary Metabolism and Endocrinology	4	0	0	4	60
Clinical Haematology	4	0	0	4	60
Basics of Pharmacology	2	0	0	2	30
Bacteriology Practical	0	0	4	2	60
Intermediary Metabolism and Endocrinology Practical	0	0	4	2	60
Clinical Haematology- Practical	0	0	4	2	60
<b>Total</b>	<b>14</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>390</b>

### BMLS FOURTH SEMESTER

COURSE NAME	Lecture	Tutorial	Practical	Credits	Contact Hours
Virology and Immunology	4	0	0	4	60
Genetics and Molecular Biology	4	0	0	4	60
Clinical Pathology	4	0	0	4	60
Medical Laboratory Management and Quality Control	2	0	0	2	30
Virology and Immunology Practical	0	0	4	2	60
Genetics and Molecular Biology Practical	0	0	4	2	60
Clinical Pathology Practical	0	0	4	2	60
<b>Total</b>	<b>14</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>390</b>

## BMLS FIFTH SEMESTER

COURSE NAME	Lecture	Tutorial	Practical	Credits	Contact Hours
Mycology & Parasitology	4	0	0	4	60
Analytical Biochemistry	4	0	0	4	60
Immunohematology and Transfusion Medicine	4	0	0	4	60
Medical Law and Ethics	2	0	0	2	30
Mycology & Parasitology Practical	0	0	4	2	60
Analytical Biochemistry Practical	0	0	4	2	60
Immunohematology and Transfusion Medicine Practical	0	0	4	2	60
<b>Total</b>	<b>14</b>	<b>00</b>	<b>12</b>	<b>20</b>	<b>390</b>

## BMLS SIXTH SEMESTER

COURSE NAME	Lecture	Tutorial	Practical	Credits	Contact Hours
Applied Pathobiology	4	0	0	4	60
Cytology and Histopathology	4	0	0	4	60
Clinical Biochemistry	4	0	0	4	60
Biostatistics and Research Methodology	2	0	0	2	30
Cytology and Histopathology Practical	0	0	4	2	60
Clinical Biochemistry Practical	0	0	4	2	60
Applied Pathobiology Practical	2	0	0	2	60
<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>8</b>	<b>20</b>	<b>390</b>

## BMLS SEVENTH & EIGHTH SEMESTER

Course Name	Credit	Contact Hours
INTERNSHIP (clinical lab posting/research dissertation)	20+20	900+900
TOTAL	40	1800

Total credits = 160 credits

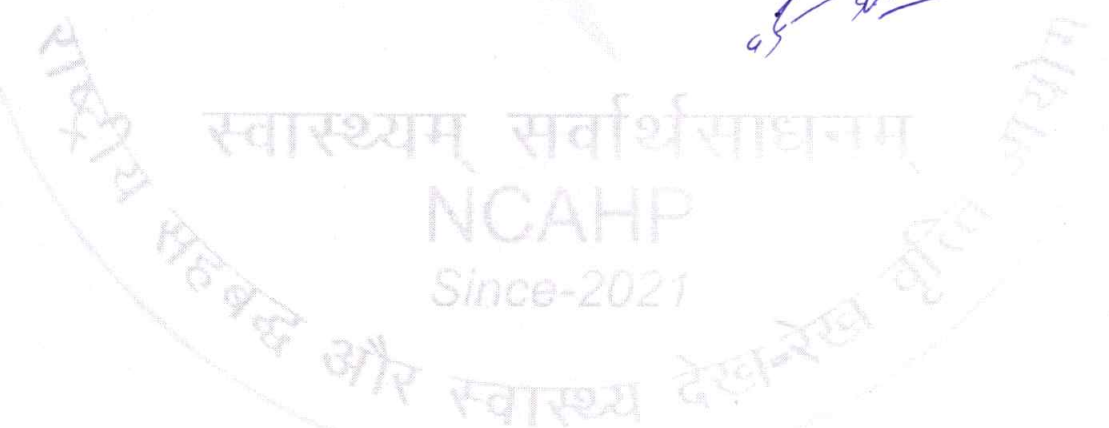
Total Contact hours = 4125

Contact hours of all semesters = (375+ 390+390+390+390+390) + (900+900)

### Credit Details:

- Lecture / Tutorial: 1 credit = 15 hours
- Practical: 1 credit = 30 hours
- Clinical Lab postings: 1 credit = 45 hours

Credit Includes: L – Lectures, T - Tutorials, P - Practical.



## Curriculum Outline

Teaching and Examination Scheme																	
Course Name : Bachelor in Medical Radiology and Imaging Technology																	
Duration of Program: Four Years (Eight Semesters) Pattern : Full Time Duration : 18 Weeks																	
Semester : First																	
S.N.	Course Title	Course Code	Teaching Scheme				Examination Scheme										
			L	T	C/P	Credits (L+T+P)	Theory				Practical				Grand Total		
							Exam Duration in Hrs.	CIE	ESE	Total		CI E	ESE	Total			
								Max Mark	Max Marks	Max Marks	Min Marks	Max Marks	Max Marks	Max Marks		Min Marks	
1.	Human Anatomy	BMRIT-001	3	--	--	3	2.5	30	70	100	50	--	--	--	--	100	
2.	Physiology	BMRIT-002	3	--	--	3	2.5	30	70	100	50	--	--	--	--	100	
3.	Basics of Radiation Physics	BMRIT-003	2	-	6	5	2.5	30	70	100	50	30	70#	100	50	200	
4.	Introduction to Healthcare	BMRIT-004	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
5.	Medical Terminology and Record keeping	BMRIT-005	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
6.	Basic Computers and Information science	BMRIT-006	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
7.	Medical Law and Ethics	BMRIT-007	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
8.	Professionalism and Values	BMRIT-008	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
9.	Principals of Management	BMRIT-009	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	
10.	English & Communication skills	BMRIT-010	1	--	--	1	--	30	70*	100	50	--	--	--	--	--	

11.	BMRIT Radiology Clinical Education – part I (studentship)		--	--	15	5	--	--	--	--	--	--	--	--	--	
<b>Total</b>			<b>13</b>	<b>2</b>	<b>21</b>	<b>23</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>100</b>	<b>--</b>	<b>400</b>

Student Contact Hours Per Week: 36Hrs.Theory and practical periods of 60 minutes each. Medium of Instruction: **English** Total Marks: **400**  
Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L – Lectures ((hrs/week), T - Tutorial, P – Practical {Clinical / Practicals (hrs/week)}  
\*Internal Assessment, # External Assessment.

<b>Teaching and Examination Scheme</b>																
<b>Course Name :Bachelor in Medical Radiology and Imaging Technology</b>																
<b>Duration of Program: Four Years (Eight Semesters) Pattern : Full Time Duration : 18 Weeks</b>																
<b>Semester : Second</b>																
S. N.	Course Title	Course Code	Teaching Scheme				Examination Scheme									
			L (hrs/ week)	T	C/ P (hrs/week)	Credits (L+T+P)	Exam Duration in Hrs.	Theory				Practical				Grand Total
								CIE Max Marks	ESE Max Marks	Total Max Marks	Total Min Marks	CIE Max Marks	ESE Max Marks	Total Max Marks	Total Min Marks	
1.	Basics of Microbiology	BMRIT-011	2	--	--	2	2.5	30	70	100	50	--	--	--	--	100
2.	Basics of Biochemistry	BMRIT-012	2	--	--	2	2.5	30	70	100	50	--	--	--	--	100
3.	Conventional Radiography and Equipment	BMRIT-013	4	--	2	5	2.5	30	70	100	50	--	--	--	--	100
4.	Clinical Radiography Positioning (Part I)	BMRIT-014	4	1	6	8	--	30	70	100	50	30	70#	100	50	200
5.	BMRIT Radiology Clinical Education – part II (studentship)		--	--	15	5	--	--	--	--	--	--	--	--	--	--
<b>Total</b>			<b>12</b>	<b>1</b>	<b>23</b>	<b>22</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>100</b>	<b>--</b>	<b>500</b>

Student Contact Hours Per Week: 36Hrs.Theory and practical periods of 60 minutes each. Medium of Instruction: **English** Total Marks : **500**  
Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L - Lectures, T - Tutorial, P - Practical  
\*Internal Assessment, # External Assessment.

### Teaching and Examination Scheme

**Course Name:** Bachelor in Medical Radiology and Imaging Technology

**Duration of Program: Four Years (Eight Semesters) Pattern : Full Time**  
**Weeks**

**Duration : 18**

**Semester : Third**

S.N.	Course Title	Course Code	Teaching Scheme				Examination Scheme								Grand Total	
			L (hrs/week)	T	C/ (hrs/week)	Credits (L+T+P)	Theory				Practical					
							Exam Duration in Hrs.	CIE	ESE	Total		CIE	ESE	Total		
								Max Marks	Max Marks	Max Marks	Min Marks	Max Marks	Max Marks	Max Marks		Min Marks
1.	Pathology	BMRIT-015	2	--	--	2	2.5	30	70	100	50	--	--	--	--	100
2.	Clinical Radiography Positioning (Part II)	BMRIT-016	2	1	6	6	2.5	30	70	100	50	30	70#	100	50	200
3.	Radiography and Image Processing Techniques	BMRIT-017	2	--	2	3	2.5	30	70	100	50	--	--	--	--	100
4.	Contrast Media & Special Radiological procedures	BMRIT-018	2	1	6	6	2.5	30	70	100	50	30	70#	100	50	200
5.	BMRIT Radiology Clinical Education - part III (studentship)		--	--	12	4	--	--	--	--	--	--	--	--	--	--
<b>Total</b>			<b>6</b>	<b>4</b>	<b>26</b>	<b>21</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>600</b>

**Student Contact Hours Per Week: 36Hrs. Theory and practical periods of 60 minutes each.** Medium of

Instruction: **English** Total Marks : **600**

Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L - Lectures, T - Tutorial, P - Practical

\*Internal Assessment, # External Assessment.

\*Internal Assessment (Institutional Level examination) marks are not to be counted for the grade at the end of the semester.

### Teaching and Examination Scheme

Course Name :Bachelor in Medical Radiology and Imaging Technology

Duration of Program :Four Years (Eight Semesters) Pattern : Full Time  
Semester : Fourth

Duration : 18 Weeks

S.N	Course Title	Course Code	Teaching Scheme				Examination Scheme									
			L (hrs/week)	T	C/P (hrs/week)	L (hrs/week)	Theory				Practical				Grand Total	
							Exam Duration in Hrs.	CIE Max Marks	ESE Max Marks	Total		CIE Max Marks	ESE Max Marks	Total		
			Max Marks	Min Marks	Max Marks	Min Marks										
1.	Cross sectional anatomy	BMRIT-019	2	--	6	5	--	--	--	--	--	70#	30	100		50
2.	Modern Radiological Imaging Equipment and Physics	BMRIT-020	2	1	2	3	2.5	70	30	100	50	--	--	--	--	100
3.	Interventional Radiology Techniques	BMRIT-021	2	1	4	4	2.5	70	30	100	50	70#	30	100	50	200
4.	Patient Care in Radiology	BMRIT-022	1	1	4	4	2.5	70	30	100	50	70#	30	100	50	200
5.	BMRIT Radiology Clinical Education – part IV (studentship)		--	--	12	4	--	--	--	--	--	--	--	--	--	--
<b>Total</b>			<b>7</b>	<b>3</b>	<b>26</b>	<b>22</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>600</b>

Student Contact Hours Per Week: 36Hrs.Theory and practical periods of 60 minutes each. Medium of Instruction: **English** Total Marks: **600**

Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L - Lectures, T - Tutorial, P - Practical

\*Internal Assessment, # External Assessment. \*

Internal Assessment (Institutional Level examination) marks are not to be counted for the grade at the end of the semester.

### Teaching and Examination Scheme

**Course Name :** Bachelor in Medical Radiology and Imaging Technology

**Duration of Program :** Four Years (Eight Semesters) **Pattern :** Full Time

**Duration :** 18

**Weeks**

**Semester :** Fifth

S.N.	Course Title	Course Code	Teaching Scheme				Examination Scheme								Grand Total	
			Theory (hrs/week)	Tutorial	Clinical / Practicals (hrs/week)	Credits (L+T+P)	Theory				Practical					
							Exam Duration in Hrs.	CIE Max Marks	ESE Max Marks	Total Max Marks	Min Marks	CIE Max Marks	ESE Max Marks	Total Max Marks		Min Marks
1.	Basics Techniques in CT Technology	BMRIT-023	4	1	8	9	2.5	30	70	100	50	30	70#	100	50	200
2.	Radiation Safety in Diagnostic Radiology	BMRIT-024	2	1	4	5	2.5	30	70	100	50	30	70#	100	50	200
3.	Quality Assurance in Diagnostic Radiology and Regulatory Requirements	BMRIT-025	1	1	2	3	--	--	--	--	--	30	70#	100	50	100
4.	BMRIT Radiology Clinical Education – part V (studentship)		--	--	12	4	--	--	--	--	--	--	--	--	--	--
	<b>Total</b>		7	3	26	21	--	--	--	200	--	--	--	300	--	500

Student Contact Hours Per Week: 36 Hrs. Theory and practical periods of 60 minutes each. Medium of Instruction: **English** Total Marks : 500

Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L - Lectures, T - Tutorial, P - Practical

\*Internal Assessment, # External Assessment.

\*Internal Assessment (Institutional Level examination) marks are not to be counted for the grade at the end of the semester.

### Teaching and Examination Scheme

**Course Name:** Bachelor in Medical Radiology and Imaging Technology

**Duration of Program:** Four Years (Eight Semesters) **Pattern :** Full Time

**Duration :** 18 Weeks

**Semester :** Sixth

S.N.	Course Title	Course Code	Teaching Scheme				Examination Scheme								Grand Total	
			Theory (hrs/week)	Tutorial	C/P (hrs/week)	Credits (L+T+P)	Theory				Practical					
							Exam Duration in Hrs.	CIE	ESE	Total		CIE	ESE	Total		
								Max Marks	Max Marks	Max Marks	Min Marks	Max Marks	Max Marks	Max Marks		Min Marks
1.	Basics Techniques In MRI Technology	BMRIT-026	3	1	8	8	2.5	30	70	100	50	30	70#	100	50	200
2.	Introduction to Nuclear Medicine Techniques	BMRIT-027	1	1	2	3	2.5	30	70	100	50	--	--	--	--	100
3.	Ultrasound Techniques	BMRIT-028	2	1	--	3	2.5	30	70	100	50	--	--	--	--	100
4.	Biostatistics And Research Methodology	BMRIT-029	1	1	--	2	--	30	70*	100	50	--	--	--	--	--
5.	BMRIT Radiology Clinical Education – part VI (studentship)		--	--	15	5	--	--	--	--	--	--	--	--	--	--
<b>Total</b>			7	4	25	21	--	--	300	--	--	--	100	--	400	

Student Contact Hours Per Week: 36Hrs. Theory and practical periods of 60 minutes each. Medium of

Instruction: **English** Total Marks : 400

Abbreviations: ESE- End Semester Exam, CIE- Continuous Internal Evaluation, L - Lectures, T - Tutorial, P - Practical

\*Internal Assessment, # External Assessment.

\*Internal Assessment (Institutional Level examination) marks are not to be counted for the grade at the end of the semester.

## Model Curriculum Outline

## First Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-001	Introduction to Healthcare Delivery System in India	80	0	80
BAOTT-002	Medical Terminology and Record keeping (including anatomical terms)	50	0	50
BAOTT-003	Anatomy	100	40	140
BAOTT-004	Physiology	100	40	140
BAOTT-005	Health Care Quality & Patient Safety	60	40	100
<b>TOTAL</b>		<b>390</b>	<b>120</b>	<b>510</b>

## Second Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-006	Medical Law and Ethics, Professionalism & Values, Principles of Management	(30+10+30)	0	70
BAOTT-007	Basics of Biomedical sciences in surgery and Anaesthesia	40	60	100
BAOTT-008	Biochemistry & Haematology	(40+30)	(0+30)	100
BAOTT-009	Pathology & Microbiology	(50+50)	0	100
BAOTT-0010	Basic Concepts in Pharmacology	40	0	40
BAOTT-011	Basic computers and information Science, Communication and soft skills.	40	60	100
<b>TOTAL</b>		<b>360</b>	<b>150</b>	<b>510</b>

## Third Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-012	Basic techniques of Anaesthesia	100	50	150
BAOTT-013	Basics of Surgical procedures	100	50	150
BAOTT-014	CSSD & Manifold Area.	50	100	150
BAOTT-015	Industrial orientation and Industrial Visit	60	0	60
<b>TOTAL</b>		<b>310</b>	<b>200</b>	<b>510</b>

#### Fourth Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-016	Advanced Anaesthesia Techniques	100	50	150
BAOTT-017	Advanced Surgical Procedures	100	50	150
BAOTT-018	Basic Intensive Care	50	100	150
BAOTT-019	Clinical Medicine & Related Management	60	0	60
<b>TOTAL</b>		<b>310</b>	<b>200</b>	<b>510</b>

#### Fifth Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-020	Specialized Anaesthesia 1	100	50	150
BAOTT-021	Specialized surgery 1	100	50	150
BAOTT-022	Recent Advances in Anaesthesia and Surgical fields	100	0	100
BAOTT-023	Community Medicine & Environmental Sciences	50+60	0	110
<b>TOTAL</b>		<b>410</b>	<b>100</b>	<b>510</b>

#### Sixth Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-024	Specialized Anaesthesia 2	100	50	150
BAOTT-025	Specialized Surgery 2	100	50	150
BAOTT-026	Specialized Anaesthesia & Surgery 3	100	50	150
BAOTT-027	Research Methodology and Biostatistics	60	0	60
<b>TOTAL</b>		<b>360</b>	<b>150</b>	<b>510</b>

#### Seventh and Eighth Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
BAOTT-028	AOTT Internship (should contain six months of Anaesthesia, six months of surgery, and at least one month of each specialty)	-	1440	1440

## Curriculum mapping &amp; Credit Management

## First Semester

Course code	Course Titles	Credits			Hours /Semester		
		Theory	Practical	Total	Theory	Practical	Total
BND 101	Fundamentals of Nutrition	3	1	4	45	30	75
BND 102	Human Anatomy and Physiology	3	1	4	45	30	75
BND 103	Basics of Food Science	3	1	4	45	30	75
BND 104	Environmental Science	3	1	4	45	30	75
BND 105	Indian Knowledge System on Foods	2	0	2	30	0	30
BND 106	Computer literacy	0	2	2	0	60	60
BND 107	English for Communication	2	0	2	30	0	30
<b>TOTAL</b>		<b>16</b>	<b>6</b>	<b>22</b>	<b>240</b>	<b>180</b>	<b>420</b>

## Second Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND 201	Food Microbiology	3	1	4	45	30	75
BND 202	Fundamentals of Biochemistry	3	1	4	45	30	75
BND 203	Nutrition Through Life Cycle	2	2	4	30	60	90
BND 204	Psychology and Sociology Applied to Health Care	4	0	4	60	0	60
BND 205	Techniques of Nutritional Assessment	0	2	2	0	60	60
BND 206	Soft Skills and Communication	2	0	2	30	0	30
BND 207	Computer Literacy for Nutrition	0	2	2	0	60	60
<b>TOTAL</b>		<b>14</b>	<b>8</b>	<b>22</b>	<b>210</b>	<b>240</b>	<b>450</b>

### Third Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Theory	Theory	Practical	Total
BND 301	Macronutrients in Human Nutrition	4	0	4	60	0	60
BND 302	Advanced Food Science	3	1	4	45	30	75
BND 303	Public Health Nutrition	3	1	4	45	30	75
BND 304	Basics of Medical Nutrition Therapy (Theory and Practical)	2	2	4	30	60	90
BND 305	Advanced Biochemistry	3	0	3	45	0	45
BND 306	Food Processing and Preservation	2	1	3	30	30	60
<b>TOTAL</b>		<b>17</b>	<b>5</b>	<b>22</b>	<b>255</b>	<b>150</b>	<b>405</b>

#### Fourth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-401	Clinical Biochemistry and Pathophysiology	3	1	4	45	30	75
BND-402	National Health and Nutrition Programs and Policies	3	1	4	45	30	75
BND-403	Micronutrients in Human Nutrition	4	0	4	60	0	60
BND-404	Functional Foods and Nutraceuticals	3	1	4	45	30	75
BND-405	Advanced Dietetics	3	1	4	45	30	75
BND-406	Food Safety and Standards	2	0	2	30	0	30
<b>TOTAL</b>		<b>18</b>	<b>4</b>	<b>22</b>	<b>270</b>	<b>120</b>	<b>390</b>

### Fifth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-501	Research Methodology and Statistics	4	0	4	60	0	60
BND-502	Sports Nutrition	2	2	4	30	60	90
BND-503	Tools and Techniques for Nutrition Counselling	1	3	4	15	90	105
BND-504	Nutritional Epidemiology and Anthropology	3	1	4	45	30	75
BND-505	Food Analysis	2	2	4	30	60	90
BND-506	Emerging concepts in Nutrition and Dietetics	2	0	2	30	0	30
<b>TOTAL</b>		<b>14</b>	<b>8</b>	<b>8</b>	<b>210</b>	<b>240</b>	<b>450</b>

### Sixth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-601	Social Behaviour Change Communication/ Nutrition Health Promotion	3	1	4	45	30	75
BND-602	Sustainable Food Systems	3	1	4	45	30	75
BND-603	Field Practice in Public Health and Nutrition	1	3	4	15	90	105
BND-604	Food Product Development	2	4	6	30	90	120
BND-605	Case study Reviews	0	4	4	0	90	90
<b>TOTAL</b>		<b>9</b>	<b>13</b>	<b>22</b>	<b>135</b>	<b>330</b>	<b>465</b>

### Seventh Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-701	Information Technology in Nutrition and Dietetics	2	2	4	30	60	90
BND-702	Entrepreneurship in Nutrition and Dietetics	3	1	4	45	30	75
BND-703	Nutrition in Critically ill	2	2	4	30	60	90
BND-704	Management and Administration in Dietetics Services	2	2	4	30	60	90
BND-705	Nutrition in Emergencies	2	0	2	30	0	30
BND-706	Applied Dietetics/Internship Project	0	4	4	0	120	120
<b>TOTAL</b>		<b>10</b>	<b>5</b>	<b>22</b>	<b>165</b>	<b>330</b>	<b>495</b>

### Eighth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-801	Internship in Hospital /Experiential Learning (6 months) 1 semester	0	14	14	0	420	420
BND-802	Research and Trends in Nutrition and Dietetics	0	4	4	0	120	120
BND-803	Scientific Writing in Nutrition and Dietetics	0	4	4	0	120	120
<b>TOTAL</b>		0	22	22	0	660	660

S.No.	Sub. Name	Subject Code	No. of students appeared	Pass students	Pass %age
1.	Human Anatomy and Physiology-I	BSOT-101-19	58	54	93.1%
2.	Applied Biochemistry	BSOT-102-19	58	41	69.4%
3.	Human Anatomy and Physiology-I practical	BSOT 103-19	58	57	98.2%
4.	Medical Law and Ethics	BSOT 104-19	58	56	96.5%
5.	Medical Terminology, Record Keeping and Orientation to operation theatre Technology and Management	BSOT-106-19	58	55	94.8%
7.	Communication Skills	BTHU 103-18	58	53	91.3%
8.	Mentoring and Professional Development	BMPD 102-18	58	51	87.9%

*Handwritten signature*

S.No.	Sub. Name	Subject Code	No. of students appeared	Pass students	Pass %age
1.	Equipment in Ots-care& Maintenance	BSOT 301-19	21	16	76.1%
2.	Principles of Anesthesia	BSOT-302-19	21	17	80.9%
3.	Sterilization disinfection and CSSD procedures	BSOT 303-19	21	18	85.7%
4.	Equipment in Ots-care& Maintenance Practical	BSOT 304-19	21	18	85.7%
5.	Principles of Anesthesia Practical	BSOT 305-19	21	17	80.9%
6.	Sterilization and Disinfection in OTs practical	BSOT 306-19	21	19	90.4%
7.	Antibiotic resistance and antibiotic policy	BSOT-307-19	21	17	80.9%
8.	Medicine Outline	BSOT 308-19	21	18	85.7%
9.	Mentoring and Professional Development	BMPD 202-18	21	19	90.4%

*(Handwritten signature)*

S.No.	Sub. Name	Subject Code	No. of students appeared	Pass students	Pass %age
1.	Human Anatomy & Physiology-I	BRIT101-21	60	56	93.3%
2.	Basic Physics including Radiological Physics	BRIT 102-21	60	54	90%
3.	Conventional Radiography and Equipment	BSOT 103-21	60	56	93.3%
4.	Human Anatomy & Physiology-I practical	BMPD 104-21	60	58	96.6%
5.	Basic Physics including Radiological Physics Practical	BRIT105-21	60	51	85%
6.	Conventional Radiography and Equipment Practical	BRIT 106-21	60	59	98.3%
7.	Communication Skills	BTHU 103-18	60	54	90%

*[Handwritten signature]*

S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Equipment's of modern imaging technology	BRIT301-21	31	18	58%
2	Contrast and Special Radiographic Procedures	BRIT 302-19	31	22	70.9%
3	Clinical Radiography Positioning	BRIT 303-19	31	27	87%
4	Equipment's of modern imaging technology Practical	BRIT 304-21	31	31	100%
5.	Contrast and Special Radiographic Procedures Practical	BRIT 305-21	31	28	90.3%
6.	Clinical Radiography Positioning Practical	BRIT 306-21	31	29	93.5%
7.	Introduction to Quality & Patient Safety	BRIT 307-21	31	27	77.4%

45/5-

S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Essential Biology	BMLS101-18	61	56	91.8%
2	General Microbiology	BMLS102-18	61	53	86.8%
3	Basics of Biochemistry	BMLS103-18	61	56	91.8%
4	Essential Biology Practical	BMPD 104-18	61	58	95%
5	General microbiology Practical	BMLS105-18	61	59	96.7%
6	Basics of Biochemistry Practical	BMLS106-18	61	59	96.7%
7	Mentoring & Professional Development	BMPD 102-18	61	57	98.2%



S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Basic Hematology & Hematological Techniques-I	BMLS301-18	30	23	76.6%
2	Analytical Biochemistry	BMLS302-18	30	21	70%
3	Human Anatomy and Physiology-II	BMLS 303-18	30	22	73.3%
4	Basic Hematology & Hematological Techniques-I Practical	BMPD 304-18	30	23	76.6%
5	Analytical Biochemistry Practical	BMLS305-18	30	25	83.3%
6	Human Anatomy and Physiology-II Practical	BMLS306-18	30	24	80%
7	Applied Bacteriology	BMLS 307-18	30	20	66.6%
8.	Applied Bacteriology Practical	BMLS308-18	30	23	76.6%
9.	Mentoring & Professional Development	BMPD 302-18	30	29	96.6%

*Handwritten signature*

S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Principles of Human nutrition	BSND 111-18	9	8	88.8%
2	Food microbiology & Food Safety	BSND113-18	9	8	88.8%
3	Human physiology	BSND114-18	9	8	88.8%
4	Principles of Human nutrition Practical	BSND 115-18	9	7	77.7%
5	Food microbiology & Food Safety Practical	BSND117-18	9	7	77.7%
6	Human Physiology Lab	BSND 118-18	9	7	77.7%
7	Mentoring and Professional Development	BSND 119-18	9	8	88.8%


*[Handwritten signature]*

S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Normal and Therapeutic Nutrition	BSND 211-18	9	8	88.8%
2	Community Nutrition	BSND212-18	9	8	88.8%
3	Health, Hygiene and Sanitation	BSND 213-18	9	8	88.8%
4	Normal and Therapeutic Nutrition Lab	BSND 214-18	9	8	88.8%
5	Community Nutrition Lab	BSND215-18	9	8	88.8%
6	Health, Hygiene and Sanitation lab	BSND216-18	9	8	88.8%
7	Nutraceuticals Functional Foods & Nutrigenomics	BSND217-18	9	8	88.8%
8.	Mentoring & Professional Development	BSND218-18	9	9	100%

*[Handwritten signature]*

S.No	Subject Name	Subject Code	Total Students Appeared	Pass Students	Pass %age
1	Institutional Food Service Management	BSND 311-18	1	1	100%
2	Nutrition for Special Groups	BSND 312-18	1	1	100%
3	Entrepreneurship development and business management	BSND 316-18	1	1	100%
4	Institutional Food Service Management (Lab)	BSND 314-18	1	1	100%
5	Traditional Indian Food Products (Lab)	BSND 315-18	1	1	100%
6	Entrepreneurship development and business management (Lab)	BSND 316-18	1	1	100%

*[Handwritten signature]*

 <p>1 <b>AMRITSAR</b> GROUP OF COLLEGES</p> <p>NAAC Grade "A" 3<sup>rd</sup> Cycle under Autonomous Category</p> <p>Autonomous College (Since 2014) Conferred by UGC</p>	<b>Toppers List</b>	<b>Department of Allied and Healthcare Sciences</b>
	<b>End Semester Examination 2025</b>	

**B.Sc OTT**

S.no	Name of the Student	Semester
1.	Sunenapreet kaur	2 <sup>nd</sup>
2	Arushi Mahajan	2 <sup>nd</sup>
3	Navneet Kaur	4 <sup>th</sup>

**B.Sc Nutrition & Dietetics**

S.no	Name of the Student	Semester
1	Harmanpreet Kaur	2 <sup>nd</sup>
2	Sukhmanpreet Kaur	4 <sup>th</sup>


**B.Sc MLS**

S.no	Name of the student	Semester
1	Kunal	2 <sup>nd</sup>
2	Simran Kaur	2 <sup>nd</sup>
3	Jiya	4 <sup>th</sup>

**B.Sc RIT**

S.no.	Name of the Student	Semester
1	Atrandeeep Kaur	2nd
2	Niharika Sharma	2 <sup>nd</sup>
3	Tarandeeep kaur	4 <sup>th</sup>

  
Academic Co-ordinator

  
Head of Department

Sr. No.	Name of the Event	Name of Club	Resource Person	Date of Event
1.	Quiz Competition on "Health Sphere"	Quiz Club	NA	6 <sup>th</sup> Feb, 2026
2.	Hospital Visit – Preet Hospital (BSc OTT 2 <sup>nd</sup> sem)	Placement Club	NA	9 <sup>th</sup> Feb, 2026
3.	Workshop on "Nutritional Management of Gastro intestinal disorder 2026" at SGRD Hospital by BSc. N&D 2 <sup>nd</sup> & 4 <sup>th</sup> sem	Placement Club	NA	25 <sup>th</sup> Feb, 2026
4.	Guest Lecture on "Posture and Ergonomics"	Academic Club	Dr. Asav Arora, Chief Physiotherapist at Smt. Paarvati Devi Hospital	25 <sup>th</sup> Feb, 2026
5.	"Sur Sangeet" A Musical Event	Music Club	NA	16 <sup>th</sup> March, 2026
6.	Guest Lecture on "Innovative Nutritional Strategies for Preventing Dental Caries" on World Oral Health Day	Seminar Club	Dr. Cheenam Bhatia Saund, Senior Dietician at Shri Guru Ram Das University of Health Sciences, Amritsar	20 <sup>th</sup> March, 2026
7.	Health Awareness Camp, on World Health Day.	Health Care & Awareness Club	NA	7 <sup>th</sup> April, 2026
8.	The Cultural Panorama	Cultural Club	NA	17 <sup>th</sup> April, 2026
9.	Expert talk on "Begin with Purpose: Essential	Academic Club	Dr. Navdeep Singh, Associate	20 <sup>th</sup> April,

*Handwritten signature*

	of Research Thinking and IPR Awareness”		professor, DAS	2026
10.	Hospital Visit – Preet Hospital (BSc. OTT 2nd & 4th Sem)	Placement Club	NA	23 <sup>rd</sup> April, 2026
11.	Hospital Visit – Nova Medicity Hospital (BSc. RIT 4th Sem)	Placement Club	NA	24 <sup>th</sup> April, 2026
12.	Guest Lecture on “Smart Dental Care: AI-Based Innovative Solutions” on Ayushman Bharat Diwas	Academic Excellence Committee	Dr. Atul Kapoor, Senior dentist Kapoor’s Dental Clinic, Amritsar	30 <sup>th</sup> April, 2026

43-1



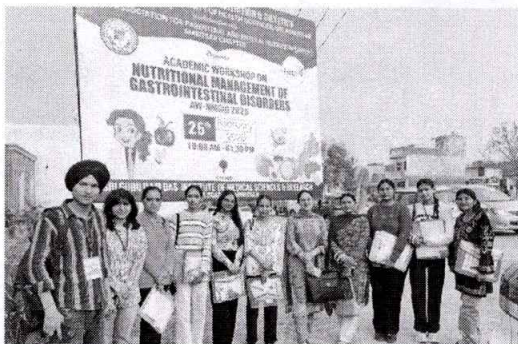
6<sup>th</sup> Feb, 2026 : Quiz Competition on “Health Sphere”



9<sup>th</sup> Feb, 2026 : Hospital Visit – Apollo Hospital (BSc OTT 2<sup>nd</sup> sem)



25<sup>th</sup> Feb, 2026 : Academic Hospital Workshop on “ Nutritional Management of Gastro intestinal disorder 2026” at SGRD Hospital by BSc. N&D 2<sup>nd</sup> & 4<sup>th</sup> sem

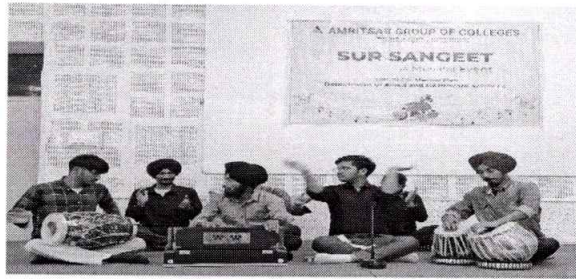


25<sup>th</sup> Feb, 2026 : Guest Lecture on “Posture and Ergonomics” by Dr. Asav Arora, Chief Physiotherapist at Smt. Paarvati Devi Hospital

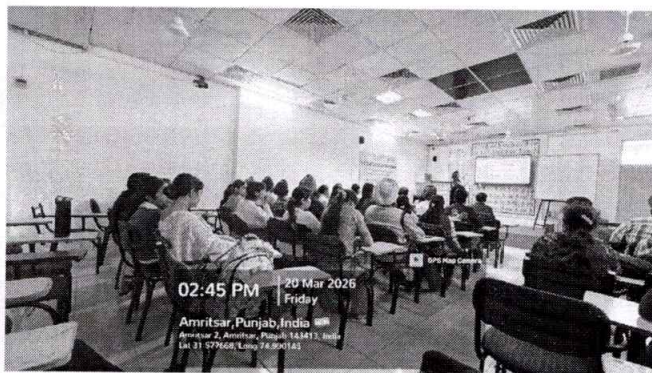
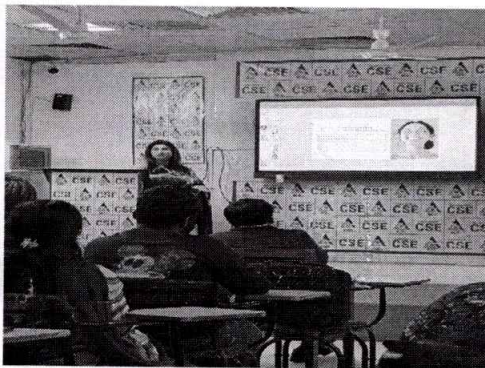


A handwritten signature in blue ink, located in the bottom right corner of the page. The signature is stylized and appears to be the name of the person who prepared the document.

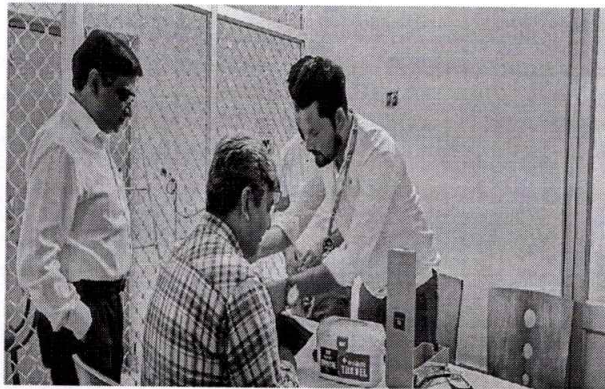
Sur Sangeet - 16<sup>th</sup> march, 2026



20<sup>th</sup> March : Guest Lecture on “Innovative Nutritional Strategies for Preventing Dental Caries” on World Oral Health Day by Dr. Cheenam Bhatia Saund, Senior Dietician at Shri Guru Ram Das University of Health Sciences, Amritsar



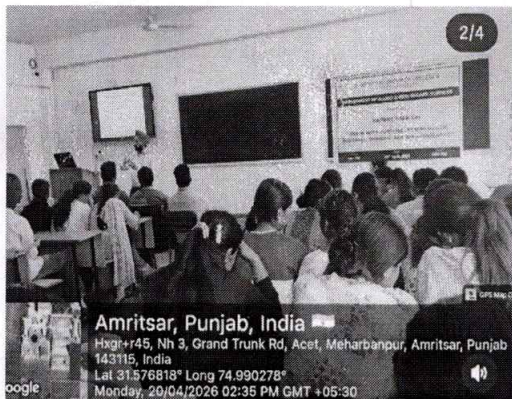
7<sup>th</sup> April, 2026 : Health Awareness Camp, on World Health Day.



**17<sup>th</sup> April, 2026 : The Cultural Panorama**



**20<sup>th</sup> April, 2026 : Expert talk on “ Begin with Purpose: Essential of Research Thinking and IPR Awareness” by Navdeep Singh, Associate professor, DAS**



**23<sup>rd</sup> April, 2026 : Hospital Visit – Preet Hospital (BSc. OTT 2nd & 4th Sem)**

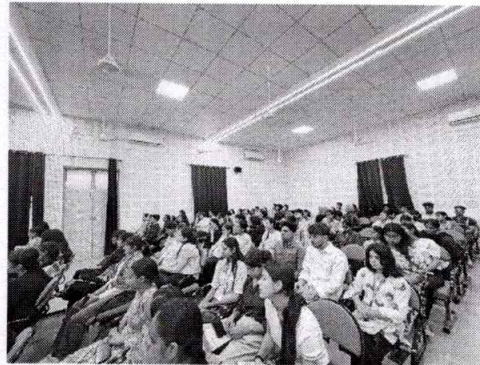


*Handwritten signature or initials in blue ink.*

- April, 2026 : Hospital Visit – Nova Medicity Hospital (BSc. RIT 4<sup>th</sup> Sem)



30<sup>th</sup> April, 2026 : Smart Dental Care: AI-Based Innovative Solutions on Ayushman Bharat Diwas by Dr. Atul Kapoor, Senior dentist at Kapoor's Dental Clinic



65

The top screenshot displays a presentation slide titled "AMRITSAR GROUP OF COLLEGES" with the following table:

Sl. No.	Attendee Name	Subject / Role	Chief Guest / Sponsor	Time	Mobile	Phone No.
1	Dr. Ashmeen Kaur	Principal				
2	Dr. Shah Lal Azad	Principal				
3	Dr. Junaid Mir	Principal				
4	Dr. Gaurav Bhargava	Principal				

The middle screenshot shows a grid of participants with names: Ashmeen Kaur, 13 others, job, Aashmeen Kaur, vipan kumar, SHAHLAL AZAD, 8 others, and sonali devgan.

The bottom screenshot shows a grid of participants with names: Junaid Mir, Gaurav Bhargava, Madhulika Bhagat, 6 others, and sonali devgan.

*(Handwritten signature)*

# AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,  
(Formerly Known as Amritsar College of Engineering & Technology | Amritsar Pharmacy College)

## DEPARTMENT OF ALLIED & HEALTHCARE SCIENCES

Ref. No. AGC/AHC/10358

Date :07/05/26

**Dr. Vipin Kumar,**  
Professor,  
Department of Chemistry,  
Guru Nanak Dev University, Amritsar

**Subject: Sincere thanks for attending 4<sup>th</sup> meeting of Board of Studies**

Respected Sir,  
Warm Greetings!!

We sincerely thank you for joining us for the 4<sup>th</sup> Board of Studies meeting of the Department of Allied and Healthcare Sciences on 07.05.26 in an Online mode. Your valuable contributions greatly enriched our discussions.

We remain grateful to you for your inputs and look forward to your continued guidance.

Best regards,

**Dr. Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

# AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,  
(Formerly Known as Amritsar College of Engineering & Technology | Amritsar Pharmacy College)

## DEPARTMENT OF ALLIED & HEALTHCARE SCIENCES

Ref. No. AGC/AHC/10359

Date :07/05/26

**Dr. Gaurav Bhargava,**  
Professor and Head,  
Department of Pharmacy,  
Punjab Technical University, Kapurthala, Punjab

**Subject: Sincere thanks for attending 4<sup>th</sup> meeting of Board of Studies**

Respected Sir,  
Warm Greetings!!

We sincerely thank you for joining us for the 4<sup>th</sup> Board of Studies meeting of the Department of Allied and Healthcare Sciences on 07.05.26 in an Online mode. Your valuable contributions greatly enriched our discussions.

We remain grateful to you for your inputs and look forward to your continued guidance.

Best regards,



**Dr. Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

# AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,  
(Formerly Known as Amritsar College of Engineering & Technology | Amritsar Pharmacy College)

## DEPARTMENT OF ALLIED & HEALTHCARE SCIENCES

Ref. No. AGC/AHC/ 10360

Date :07/05/26

**Dr. Madhulika Bhagat,**  
Professor,  
School of Biotechnology,  
University of Jammu, Jammu

**Subject: Sincere thanks for attending 4<sup>th</sup> meeting of Board of Studies**


Respected Sir,


Warm Greetings!!

We sincerely thank you for joining us for the 4<sup>th</sup> Board of Studies meeting of the Department of Allied and Healthcare Sciences on 07.05.2026 in an Online mode. Your valuable contributions greatly enriched our discussions.

We remain grateful to you for your inputs and look forward to your continued guidance.

Best regards,

  
**Dr. Sanjay Sharma**  
Chairperson, Board of Studies  
Department of Allied and Healthcare Sciences,  
Amritsar Group of Colleges, Amritsar

 <p><b>AMRITSAR</b> GROUP OF COLLEGES</p> <p>NAAC Grade "A" 3<sup>rd</sup> Cycle under Autonomous Category</p> <p>Autonomous College (Since 2014) Conferred by UGC</p>	<p align="center"><b>Remuneration for External Members (4<sup>th</sup> Meeting of Board of Studies)</b></p>	<p align="center"><b>Department of Allied and Healthcare Sciences</b></p>
	<p align="center">Ref No: AGC/AHC/2026/10361</p>	

The Registrar,  
AGC, Amritsar

Subject: Remuneration of External Experts for attending 4<sup>th</sup> BoS meeting in Online mode

Respected Sir,

It is humbly submitted that we conducted the 4<sup>th</sup> Meeting of Board of Studies (BoS) of our department in an Online mode on 07.05.26 at 2:00 pm. Our three External Experts joined us in the meeting. Kindly transfer the honorarium in their respective accounts as per our college policy. The bank details of the External Experts are shared below for the process of remuneration.

S.No.	Name of the Expert	Designation	Account Details
1.	Dr. Vipin Kumar (External Expert)	Professor, Department of Chemistry, Guru Nanak Dev University Amritsar	Account No.55144386990 IFS Code: SBIN0051135 State Bank of India Branch GNDU Amritsar
2	Dr. Gaurav Bhargava (University Nominee)	Professor Head Department of Pharmacy, Punjab Technical University, Kapurthala, Punjab	Account No.0CJ461050083276 HDFC 0063402 HDFC Bank
3	Dr. Madhulika Bhagat (External Expert)	Professor, School of Biotechnology, University of Jammu, Jammu	Account No.0345040100010607 IFS Code J&K AOCANA-AI MICR Code 180051018 J&K Bank

With Regards



**Dr. Sanjay Sharma**  
Chairman, Board of Studies  
Department of Allied and Healthcare Sciences  
AGC Amritsar

**Thank**

**You**

# 4th BOS Meeting of DAHS (Online)



AUTONOMOUS COLLEGE



## AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY

### Honorarium/TA/DA Bill

Name Dr Gaurav Bhargava Designation Professor Basic Pay Rs 1,53,000/-

Purpose of Journey \_\_\_\_\_

Journey From \_\_\_\_\_ To \_\_\_\_\_

Date of Departure from Resi/ACET \_\_\_\_\_ Time \_\_\_\_\_

Date of Arrival at Resi/ACET \_\_\_\_\_ Time of Arrival \_\_\_\_\_

Total Days of Journey/Visit \_\_\_\_\_

Daily Allowance for \_\_\_\_\_ day/s @ Rs \_\_\_\_\_ per day Rs \_\_\_\_\_

Total Km if journey undertaken in own car (if eligible to do so) \_\_\_\_\_

Total Amount claimed @ Rs \_\_\_\_\_ per km Rs \_\_\_\_\_

Bus / Railway Fare (If journey not undertaken in college conveyance)

A) (UP) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

B) (Down) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

Honorarium (If any) Rs 3000/-

Local Conveyance Rs \_\_\_\_\_

Toll Tax (Attach Slip) Rs \_\_\_\_\_

Total Amount Rs 3000/-

Journey Verified \_\_\_\_\_

Signature & Designation \_\_\_\_\_ (Signature)

Dated \_\_\_\_\_

For Accounts Branch

Amount claimed above is as per college rules / norms. Payment of Rs \_\_\_\_\_ may be allowed to be made, please.

Mr Gaurav Bhargava  
HDFC Bank

Acc No. 01J461050083276

HDFC 006 3402

Payment Approved

Registrar

Principal

# 4<sup>th</sup> BOS Meeting of DAHS (online)



AUTONOMOUS COLLEGE

NBA

NAAC

## AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY

### Honorarium/TA/DA Bill

Name Prof. Vipin Kumar Designation Professor Basic Pay Rs 1,53,000/-

Purpose of Journey \_\_\_\_\_

Journey From \_\_\_\_\_ To \_\_\_\_\_

Date of Departure from Resi/ACET \_\_\_\_\_ Time \_\_\_\_\_

Date of Arrival at Resi/ACET \_\_\_\_\_ Time of Arrival \_\_\_\_\_

Total Days of Journey/Visit \_\_\_\_\_

Daily Allowance for \_\_\_\_\_ day/s @Rs \_\_\_\_\_ per day Rs \_\_\_\_\_

Total Km if journey undertaken in own car (if eligible to do so) \_\_\_\_\_

Total Amount claimed @ Rs \_\_\_\_\_ per km Rs \_\_\_\_\_

Bus / Railway Fare (If journey not undertaken in college conveyance)

A) (UP) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

B) (Down) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

Honorarium (If any) Rs 3000/-

Local Conveyance Rs \_\_\_\_\_

Toll Tax (Attach Slip) Rs \_\_\_\_\_

Total Amount Rs 3000/-

Journey Verified \_\_\_\_\_

Signature & Designation \_\_\_\_\_ (Signature)

Dated \_\_\_\_\_

For Accounts Branch

Amount claimed above is as per college rules / norms. Payment of Rs \_\_\_\_\_ may be allowed to be made, please.

Mr Vipin Kumar  
State bank of India  
Account no. 55144386990 - 55144386990  
IFSC code: SBIN0051135  
Branch GNDU ASR

Payment Approved

Registrar

Principal

4th BOS Meeting of DAHS (online)



AUTONOMOUS COLLEGE  
AMRITSAR COLLEGE  
OF ENGINEERING & TECHNOLOGY

Honorarium/TA/DA Bill

Name De Madhulika Bhagat Designation Professor Basic Pay Rs 14 Lakh

Purpose of Journey \_\_\_\_\_

Journey From \_\_\_\_\_ To \_\_\_\_\_

Date of Departure from Resi/ACET \_\_\_\_\_ Time \_\_\_\_\_

Date of Arrival at Resi/ACET \_\_\_\_\_ Time of Arrival \_\_\_\_\_

Total Days of Journey/Visit \_\_\_\_\_

Daily Allowance for \_\_\_\_\_ day/s @ Rs \_\_\_\_\_ per day Rs \_\_\_\_\_

Total Km if journey undertaken in own car (if eligible to do so) \_\_\_\_\_

Total Amount claimed @ Rs \_\_\_\_\_ per km Rs \_\_\_\_\_

Bus / Railway Fare (If journey not undertaken in college conveyance)

A) (UP) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

B) (Down) From \_\_\_\_\_ To \_\_\_\_\_ Rs \_\_\_\_\_

Honorarium (If any) Rs \_\_\_\_\_


Local Conveyance Rs \_\_\_\_\_

Toll Tax (Attach Slip) Rs \_\_\_\_\_

Total Amount Rs \_\_\_\_\_

Journey Verified

Signature & Designation

  
(Signature)

Dated \_\_\_\_\_

For Accounts Branch

Amount claimed above is as per college rules / norms. Payment of Rs \_\_\_\_\_ may be allowed to be made, please.

Madhulika Bhagat  
J&K Bank

Acc. No. : 0345040100010607

IFSC : J&K AOCANA - AI

MICR CODE 180051018

Payment Approved

Registrar

Principal