



**BRAINWARE UNIVERSITY**  
**SCHOOL OF MEDICAL & ALLIED HEALTH SCIENCES**  
**DEPARTMENT OF ALLIED HEALTH SCIENCES**  
**Bachelor of Medical Radiology and Imaging Technology (B. MRIT) - 2026**  
**(As per NCAHP Guidelines)**

**Semester I**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR171	Human Anatomy	2	0	2	30	70	100	3	Foundation Course
2	BMR172	Human Physiology	2	0	2	30	70	100	3	Foundation Course
3	BMR173	Basics of Radiation Physics	2	0	6	60	140	200	5	Core Course
4	MC-BMR104	Introduction to Healthcare [#]	1	0	0	30	70	-	1	Program Course
5	MC-BMR105	Medical Terminology and Record Keeping [#]	1	0	0	30	70	-	1	Program Course
6	MC-BMR106	Basics of Computers and Information Science [#]	1	0	0	30	70	-	1	Program Course
7	MC-BMR107	Medical Law and Ethics [#]	1	0	0	30	70	-	1	Program Course
8	MC-BMR108	Professionalism and Values [#]	1	0	0	30	70	-	1	Program Course
9	MC-BMR109	English and Communication Skills [#]	1	0	0	30	70	-	1	Program Course
10	BMR181	Clinical Observership- Part I	0	0	15	100	-	100	5	Clinical Education
<b>Total</b>			<b>12</b>	<b>0</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>500</b>	<b>16 + (6)</b>	

MC- Mandatory Course [#] (Credit will not be considered in SGPA/CGPA calculation)

**Semester II**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR201	Basics of Microbiology	2	0	0	30	70	100	2	Foundation Course
2	BMR202	Basics of Biochemistry	2	0	0	30	70	100	2	Foundation Course
3	BMR203	Conventional Radiography and Equipment	4	0	2	30	70	100	5	Core Course
4	BMR274	Clinical Radiography Positioning (Part I)	4	1	6	60	140	200	8	Core Course
5	MC-BMR205	Principles of Management [#]	1	0	0	30	70	-	1	Program Course
6	BMR282	Clinical Observership- Part II	0	0	15	100	-	100	5	Clinical Education
<b>Total</b>			<b>13</b>	<b>1</b>	<b>23</b>	<b>-</b>	<b>-</b>	<b>600</b>	<b>22 + (1)</b>	

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**Semester III**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR301	Pathology	2	0	0	30	70	100	2	Foundation Course
2	BMR372	Clinical Radiography Positioning (Part II)	2	1	6	60	140	200	6	Core Course
3	BMR373	Contrast Media & Special Radiological Procedures	2	1	6	60	140	200	6	Core Course
4	BMR304	Radiography and Image Processing Techniques	2	0	2	30	70	100	3	Core Course
5	BMR383	Clinical Observership- Part III	0	0	12	100	-	100	4	Clinical Education
<b>Total</b>			<b>8</b>	<b>2</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>700</b>	<b>21</b>	

**Semester IV**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR491	Cross-sectional Anatomy	2	0	6	30	70	100	5	Core Course
2	BMR402	Modern Radiological Imaging Equipment and Physics	2	1	2	30	70	100	4	Core Course
3	BMR473	Interventional Radiology Techniques	2	1	4	60	140	200	5	Core Course
4	BMR474	Patient Care in Radiology	1	1	4	60	140	200	4	Core Course
5	BMR484	Clinical Observership- Part IV	0	0	12	100	-	100	4	Clinical Education
<b>Total</b>			<b>7</b>	<b>3</b>	<b>28</b>	<b>-</b>	<b>-</b>	<b>700</b>	<b>22</b>	

**Semester V**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR571	Basic Techniques in CT Technology	4	1	8	60	140	200	9	Core Course
2	BMR572	Radiation Safety in Diagnostic Radiology	2	1	4	60	140	200	5	Core Course
3	BMR503	Ultrasound Techniques	2	1	0	30	70	100	3	Core Course
4	BMR585	Clinical Observership- Part V	0	0	12	100	-	100	4	Clinical Education
<b>Total</b>			<b>8</b>	<b>3</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>600</b>	<b>21</b>	



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**Semester VI**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR671	Basic Techniques in MRI Technology	3	1	8	60	140	200	8	Core Course
2	BMR602	Introduction to Nuclear Medicine Techniques	1	1	2	30	70	100	3	Core Course
3	BMR693	Quality Assurance in Diagnostic Radiology and Regulatory Requirements	1	1	2	30	70	100	3	Core Course
4	MC-BMR604	Biostatistics And Research Methodology [#]	2	0	0	30	70	-	2	Program Course
5	BMR686	Clinical Observership- Part VI	0	0	15	100	-	100	5	Clinical Education
<b>Total</b>			<b>7</b>	<b>3</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>500</b>	<b>19 + (2)</b>	

MC- Mandatory Course [#] (Credit will not be considered in SGPA/CGPA calculation)

**Semester VII**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR781	Internship - I	-	-	-	-	200	200	20	Internship

**Semester VIII**

Sl. No	Course Code	Course Name	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BMR881	Internship - II	-	-	-	-	200	200	20	Internship