



THE ASSAM
ROYAL GLOBAL UNIVERSITY
GUWAHATI

CRITERION 1

CURRICULAR ASPECTS

METRIC NO.
1.3.3

B.Sc. Operation Theatre Management

Field Work / Research Project / Internship





THE ASSAM

ROYAL GLOBAL UNIVERSITY

(Under Section 2(f) of UGC Act 1956)



To Whom It May Concern

This is to certify that, as part of the curriculum for following programmes at The Assam Royal Global University, it has been mandated in syllabus that all students will undertake a compulsory project/internship. However, these Programmes were introduced recently and hence, there is no evidence of Project Report submitted by the students.

SL	Programmes	Year of Commencement of the Programme	Semester in which Project/Internship are mandated in syllabus
1	B. Sc.- Medical and Laboratory Technology	2020-21	7 th and 8 th Semesters
2	BA - Film and Television Production	2022-23	3 rd and 5 th semester
3	MA - Film and Television Production	2022-23	3 rd semester
4	B. Sc. Animation and Visual Effects	2021-22	6 th semester
5	B. Optometry	2021-22	7 th and 8 th Semesters
6	B. Sc. Operation Theatre Management	2022-23	5 th Semester
7	B. Sc. Radiology and Advance Imaging Technology	2022-23	After 6 th semester
8	B. Sc. Mathematics and Computing	2021-22	6 th Semester
9	BA Public Administration	2022-23	3 rd and 5 th semester
10	B. Des Graphic Design	2022-23	7 th and 8 th Semesters


Prof. (Dr.) Ankur Ganguly
Dean- Academics
Royal Global University
Guwahati, Assam, India



ROYAL GLOBAL UNIVERSITY

GUWAHATI

**ROYAL SCHOOL OF MEDICAL AND ALLIED SCIENCES
(RSMAS)**

DEPARTMENT OF OPERATION THEATRE TECHNOLOGY

**LEARNING OUTCOME FOR CURRICULUM FRAMEWORK (LOCF)
FOR UNDERGRADUATE PROGRAMME IN**

**Bachelor of Science in Operation Theatre Technology
(B.Sc. OTT)**

W.E.F AY 2022- 2023

Handwritten signature and date: 29/12/22

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Prof.(Dr.) Ankur Ganguly
Dean- Academics
Royal Global University
Guwahati, Assam, India

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Handwritten signature: Diganta Munshi
Dr. Diganta Munshi
Registrar
The Assam Royal Global University
Guwahati

9. Course structure of B.Sc. Operation Theatre Technology
Semester wise Details of B.Sc. Operation Theatre Technology Course and Credit Scheme

B.Sc. (OTT)							
Programme Structure							
1 st Semester							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C111	Anatomy-I (Theory + Practical)	2	0	4	4	6
2	OTT242C112	Physiology- I (Theory + Practical)	2	0	4	4	6
3	OTT242C113	Biochemistry- I (Theory + Practical)	2	0	4	4	6
Skill Elective Courses (SEC)							
4	OTT242S111	SEC1- Surgical Instrumentation-I	0	0	4	2	4
Value Added Courses (VAC)							
5	OTT242V101	VAC1- Select one course from a basket of course	2	0	0	2	2
Generic Elective							
6	OTT242G101	GE1- Hospital Duty and Patient Care- I	3	0	0	3	3
7	OTT242G102	GE1- Medical law and Ethics	3	0	0	3	3
8		GE2- Select one course from a basket of course	3	0	0	3	3
Ability Enhancement Compulsory Courses (AECC)							
9	CEN982A101	Communicative English I	1	0	0	1	1
10	BHS982A104	Behavioural Science-I	1	0	0	1	1
		TOTAL	16	0	16	24	32

2 nd Semester							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C211	Anatomy-II (Theory + Practical)	2	0	4	4	6
2	OTT242C212	Physiology- II (Theory + Practical)	2	0	4	4	6
3	OTT242C213	Biochemistry- II (Theory + Practical)	2	0	4	4	6
Skill Elective Courses (SEC)							
4	OTT242S211	SEC2- Surgical Instrumentation-II	0	0	4	2	4
Value Added Courses (VAC)							
5	OTT242V201	VAC2	2	0	0	2	2
Generic Elective							
6	OTT242G201	GE3- Hospital Duty and Patient Care- II	3	0	0	3	3
7	OTT242G202	GE3- Pathology	3	0	0	3	3
8		GE4- Select one course from a basket of course	3	0	0	3	3
Ability Enhancement Compulsory Courses (AECC)							
9	CEN982A201	Communicative English II	1	0	0	1	1
10	BHS982A204	Behavioural Science-II	1	0	0	1	1
		TOTAL	16	0	16	24	32

3 rd Semester							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C301/ OTT242C311	Introduction to Operation Theatre Technology (Theory + Practical)	2	0	4	4	6
2	OTT242C302/ OTT242C312	Airway Management and Respiratory Emergencies (Theory + Practical)	2	0	4	4	6
Discipline Specific Elective Courses (DSE)							
4	OTT242D301	Medicine Relevant to Operation Theatre	3	1	0	4	4

5	OTT242D302	Pharmacology	3	1	0	4	4
Generic Elective							
7	OTT242G301	GE5- Basic Life Support	3	0	0	3	3
8	OTT242G302	GE5- CSSD Procedures	3	0	0	3	3
9		GE6- Select one course from a basket of course	3	0	0	3	3
Ability Enhancement Compulsory Courses (AECC)							
10	CEN982A301	Communicative English III	1	0	0	1	1
11	BHS982A304	Behavioural Science-III	1	0	0	1	1
Internship							
12		Clinical Posting-I (4 weeks)	0	0	8	4	8
TOTAL			15	2	16	24	32

4 th Semester							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C401/ OTT242C411	Cardiovascular Emergencies and Neurological Emergencies (Theory + Practical)	2	0	4	4	6
2	OTT242C402/ OTT242C412	Principles of Anesthesia (Theory + Practical)	2	0	4	4	6
Discipline Specific Elective (DSE)							
3	OTT242D401	DSE2- Patient Assessment	3	1	0	4	4
4	OTT242D402	DSE2- Medical equipments, its usage and management	3	1	0	4	4
Skill Elective Courses (SEC)							
5	OTT242S411	SEC3- Medication Administration	0	0	4	2	4
Value Added Courses (VAC)							
6	OTT242V401	VAC3	2	0	0	2	2
Generic Elective							

7	OTT242G401	GE7- Basics of surgical procedures	3	0	0	3	3
8	OTT242G402	GE7- Basics of imaging technology in OT	3	0	0	3	3
9		GE8- Select one course from a basket of course	3	0	0	3	3
Ability Enhancement Compulsory Courses (AECC)							
10	CEN982A401	Communicative English IV	1	0	0	1	1
11	BHS982A404	Behavioural Science-IV	1	0	0	1	1
		TOTAL	16	0	20	24	32

5 th Semester							
S.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C501/ OTT242C511	Operation Theatre Technology- Advanced (Theory+ Practical)	2	0	4	4	6
2	OTT242C502/ OTT242C512	Advance Anesthesia Technique (Theory+ Practical)	2	0	4	4	6
Discipline Specific Elective (DSE) (Any two)							
3	OTT242D501	Biostatistics and Research Methodology	3	1	0	4	4
4	OTT242D502	Disaster Management and Ambulance Operations	3	1	0	4	4
5	OTT242D503	Medical Emergencies	3	1	0	4	4
6	OTT242D504	Surgical tools and techniques	3	1	0	4	4
Value Added Courses (VAC)							
7	OTT242V501	VAC-IV	2	0	0	2	2
Ability Enhancement Compulsory Courses (AECC)							
8	CEN982A501	Communicative English V	1	0	0	1	1
9	EVS982A502	Environmental Studies & Sustainable Development- I	1	0	0	1	1
Internship							
10	OTT242C505	Clinical Posting-II	0	0	12	6	12
		TOTAL	14	4	20	26	36

6 th Semester							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects							
1	OTT242C601/ OTT242C611	Intensive Care Unit (Theory+ Practical)	2	0	4	4	6
2	OTT242C602/ OTT242C612	Post Anesthesia Care (Theory+ Practical)	2	0	4	4	6
Discipline Specific Elective (DSE) (Any ONE)							
3	OTT242C601/ OTT242D611	DSE3- Operation Theatre Technology- Clinical (Theory+ Practical)	2	0	4	4	6
5	OTT242C602/ OTT242D612	DSE3- Surgical Procedures Technique (Theory+ Practical)	2	0	4	4	6
Skill Elective Courses (SEC)							
8	OTT242S611	Major Research/ Project	0	0	24	12	12
Value Added Courses (VAC)							
9	OTT242V601	VAC-V	0	0	4	2	2
Ability Enhancement Compulsory Courses (AECC)							
10	CEN982A601	Communicative English VI	1	0	0	1	1
11	EVS982A602	Environmental Studies & Sustainable Development- II	1	0	0	1	1
TOTAL			20	0	8	26	34