

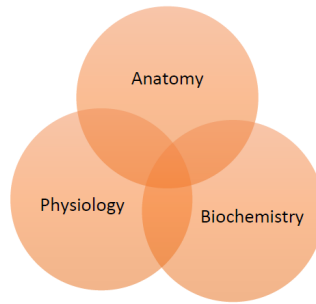
BDS CURRICULUM MAP

1st year BDS Subjects	2nd year BDS Subjects	3rd year BDS Subjects	Final year BDS Subjects	Venue	Teaching strategies
Anatomy Physiology Biochemistry Oral Biology and Tooth morphology Islamiat/PK Studies Clinical Photography & Videography English SEAL Quran	General Pathology and Microbiology Science of Dental Materials Community and Preventive Dentistry General pharmacology Pre-Clinical Operative Dentistry Pre-Clinical Prosthodontics Behavioral Sciences Application of Information and Communication Technologies (ICT) Quran Research	General Surgery General Medicine Oral Medicine Oral Pathology Periodontology Behavioral Sciences Quran	Operative Dentistry Oral and Maxillofacial Surgery Orthodontics Prosthodontics Pedodontics Quran Entrepreneurship	Tutorial room LAB Lecture Hall Dissection Hall Skill Lab Wards Dental Clinics	LGIS Problem-based Learning (PBL) Team-based Learning Small Group Discussions (SGD) Chair Side Learning Case-based learning (CBL) Case- based Discussions Flipped Classroom E-learning Self-directed Learning (SDL)

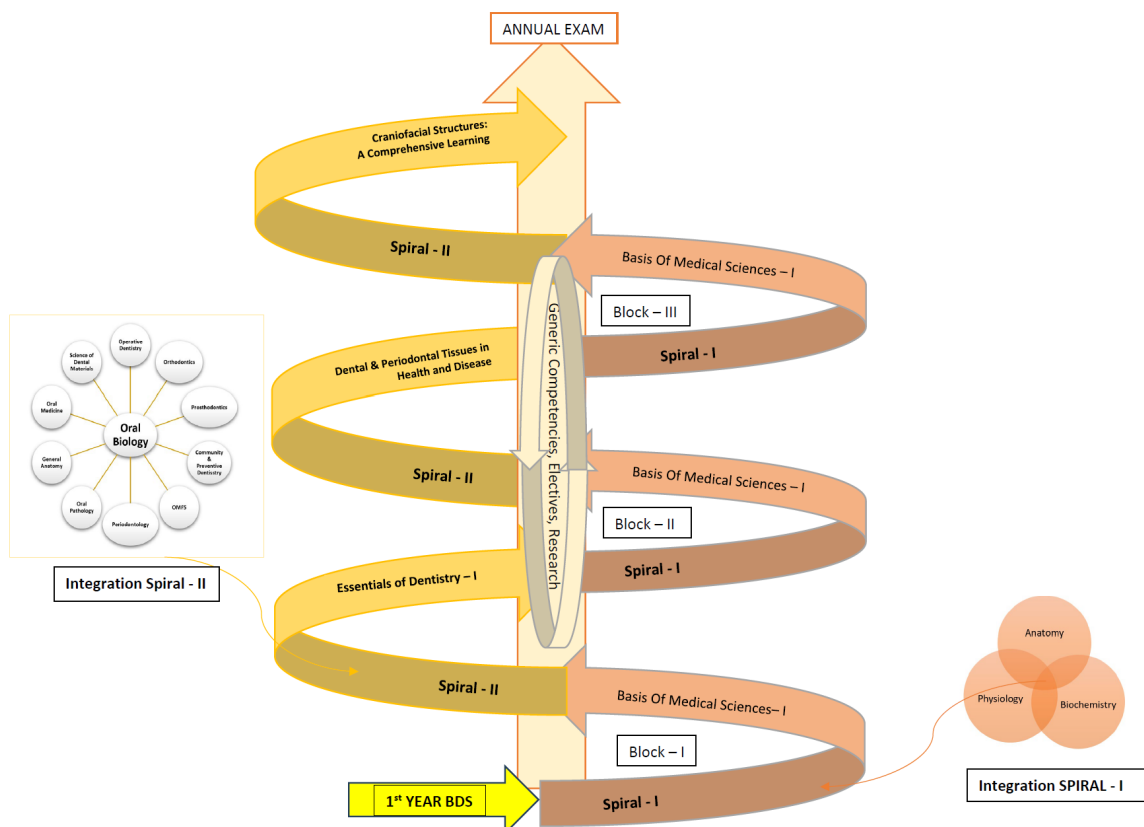
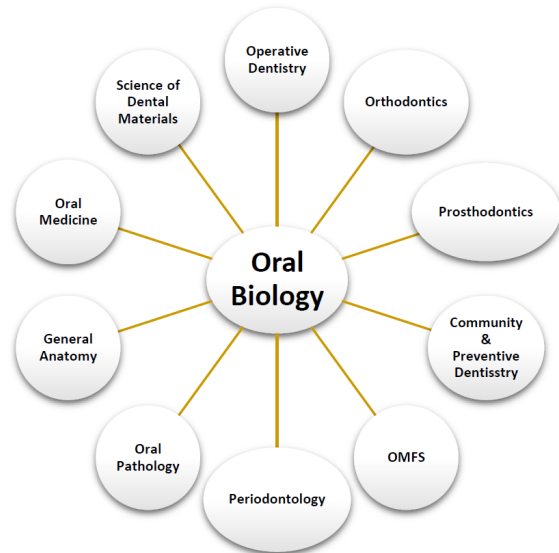
FIRST-YEAR BDS (33 + 3)																									
Block -I								Block – II				Block – III						PRE-ANNUAL EXAM	ANNUAL EXAM NUMS						
(10+1)								(13+1)				(10+1)													
Basis of Medical Sciences- I				Essentials of Dentistry - I				Research Methodology & EBM, Generic Competencies (Quran, Islamiyat, Pak Studies, English, Computer Skills, Leadership & Management, Professionalism) Electives Photography & Videography, SEAL (strategies for enhanced & advanced learning)				Basis of Medical Sciences - I		Dental & Periodontal Tissues in Health and Disease						Basis of Medical Sciences-I		Craniofacial Structures: A Comprehensive Learning			
M1	M2	M3	M4	M1	M2	M3	M4	M1	M2	M3	M4	M1	M2	M3	M4	M1	M2			M3	M4	M1	M2	M3	
01	02	03	04	01	02	03	04	01	02	03	04	01	02	03	04	01	02	03	04	01	02	03			
Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk			
Integrated Test: After Completion of Each Module								Integrated Test: After Completion of Each Module								Integrated Test: After Completion of Each Module									
Teaching & Learning Strategies								Interactive Lectures, Integrated CBL, SGD, Flipped Classroom, Practical Learning, Team-Based Learning																	
Venue								Lecture Halls in CDC & CMC, Tutorial Rooms in CDC & CMC, Designated Speciality Lab in CDC & CMC, Dissection Hall in CMC, Skill Lab in CDC																	
Assessment Type								End of Block Exam (After Block I, After Block II), Pre-Annual Exam, Annual Exam Basis of Medicine: Paper 1, Paper 2, Paper 3 Dental Themes: Paper 4 Assessment Type and Tools [Theory (MCQs {Digital MCQs} {SAQs/SEQs}) and Viva / OSPE]																	
Theme: Basis of Medical Sciences -I																									
Block – I																									
M1				M2				M3				M4													
Foundation - 1				Cell Structure & Function				Haematology & Immunology				CVS													
Block - II																									
M5				M6												M7									
Respiratory System				Endocrinology & Reproduction												Craniofacial									

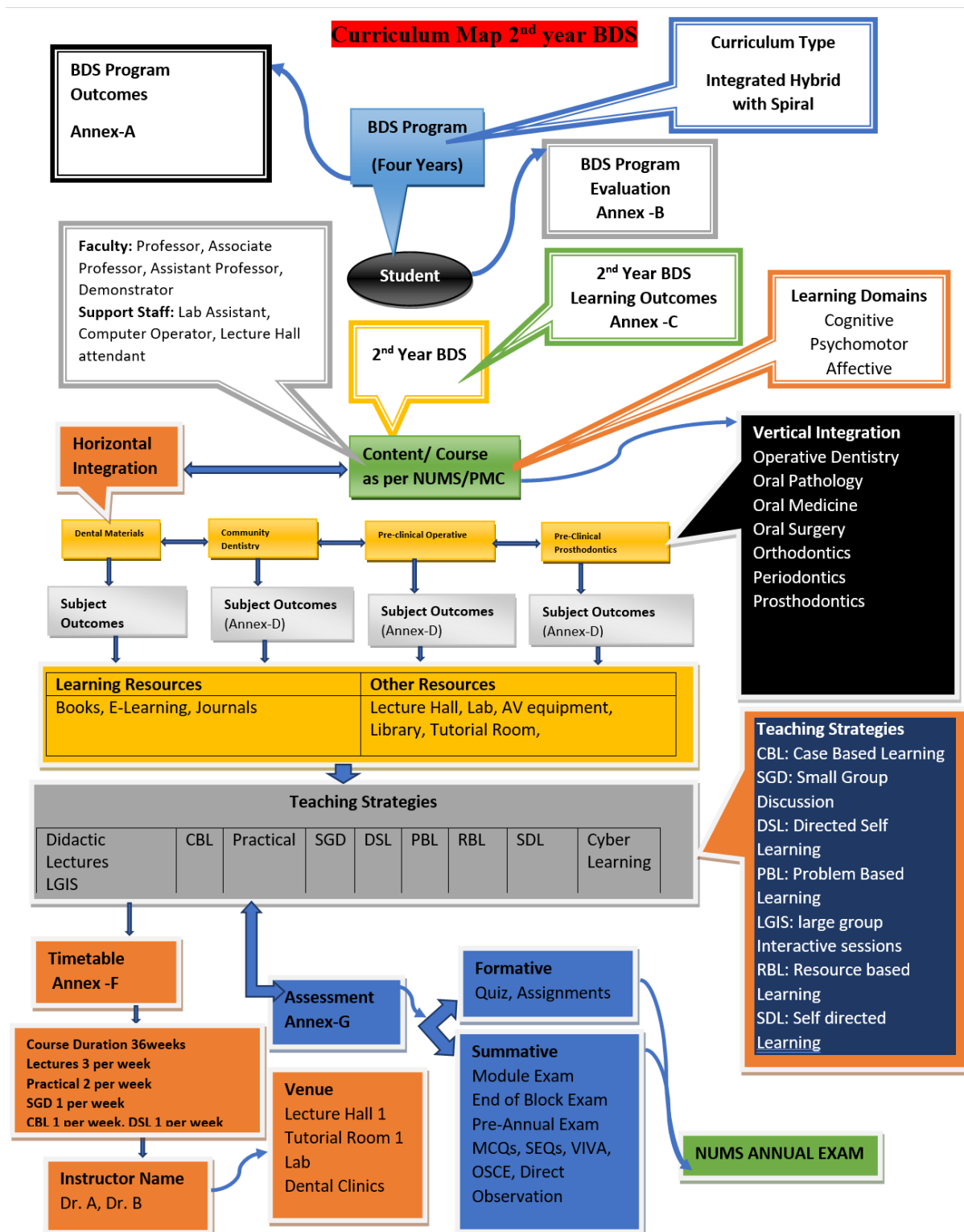
Block - III													
M8				M9				M10					
Digestive System & Metabolism				Renal System				Neuroscience					
Theme: Essential of Dentistry – I (Block – I)													
M1			M2			M3			M4				
Oro-Facial Biology			Oral Mucosa			Tooth form and structure			Growth and development				
Integration with G. Anatomy			Integration with Oral Pathology, Prosthodontics, and Oral Medicine			Integration with Pre-Clinical Operative, Orthodontics			Integration with Oral Pathology, OMFS, Orthodontics				
Theme (Dental & Periodontal Tissues in Health and Disease) Block II													
M5						M6						M7	
Dental Tissues						Periodontal Tissues						Tooth Morphology - 1	
Integration with Oral Pathology, Orthodontics, Operative Dentistry, Dental Materials						Integration with Orthodontics, Periodontics, Prosthodontics,							
Theme (Craniofacial Structures: A Comprehensive Learning) Block III													
M8						M9						M10	
Tooth Morphology - 2						Oral Physiology						Para Oral Structures	
						Integration with Orthodontics						Integration with prosthodontics, Oral medicine	

Integration SPIRAL – I
Horizontal



Integration Spiral – II
Vertical

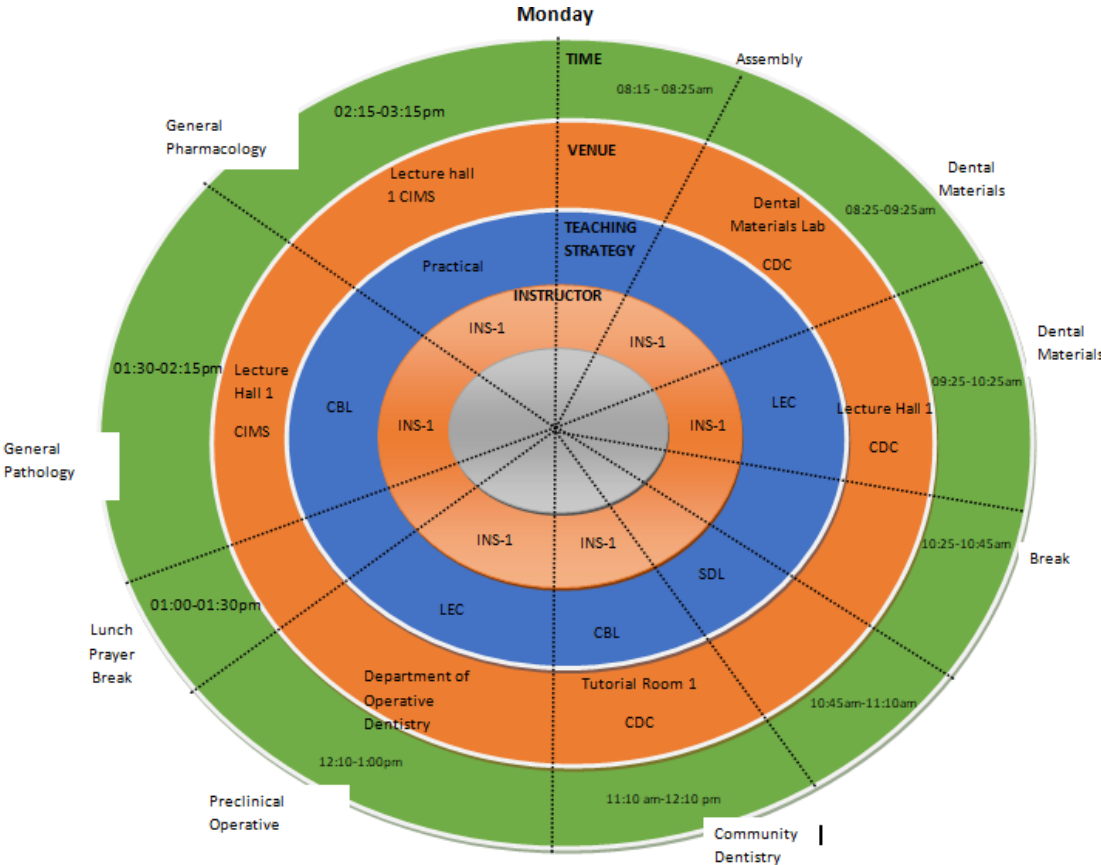




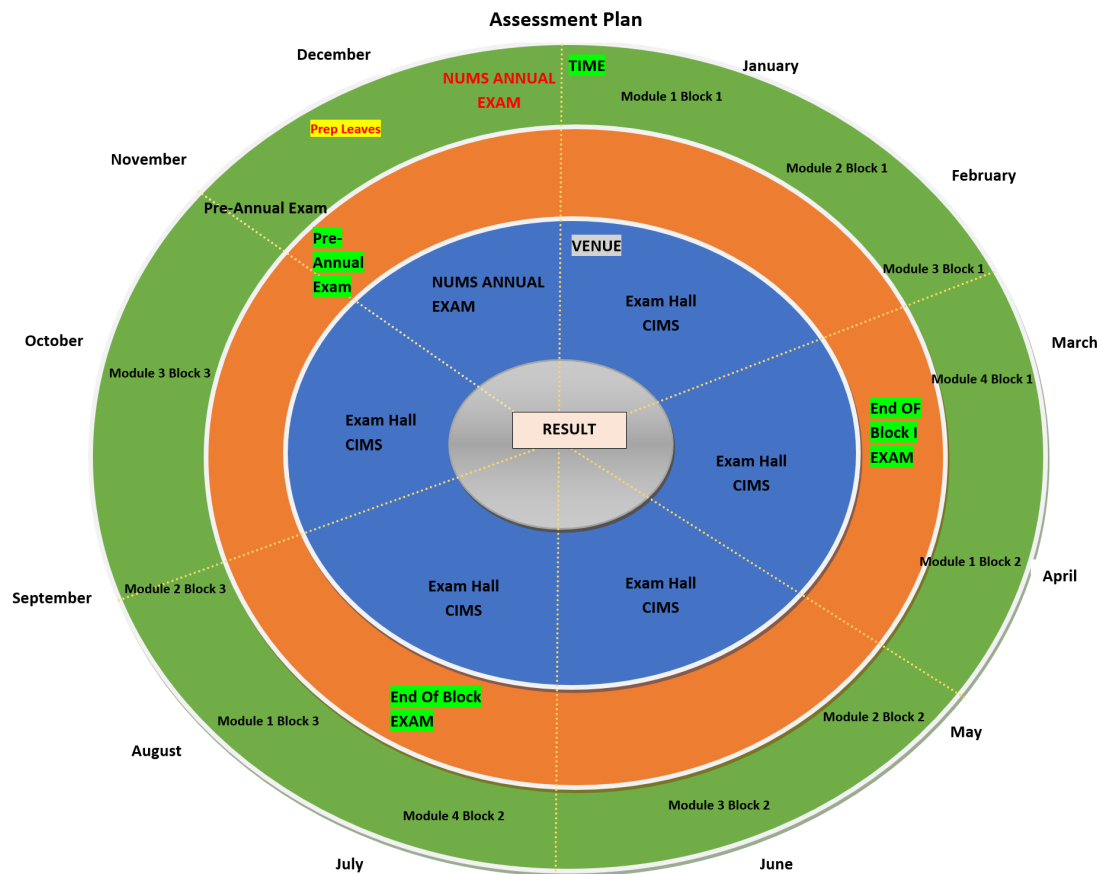
Annex-A	BDS Program Outcomes (In Curriculum Document)
Annex-B	BDS Program Evaluation
Annex-C	2 nd Year BDS Learning Outcomes
Annex-D	Subject Outcomes
Annex-E	Learning Resources

Annex-F	Timetable
Annex-G	Assessment

Annex-F (TIMETABLE) MONDAY



Assessment Plan (ANNEX-G)



Learning Resources (Annex – E)

Books	Journals	E-Learning
Dental Materials		
In Study Guide		E-books and Journals
Community Dentistry		
In Study Guide		E-books and Journals
General. Pathology		
In Study Guide		E-books and Journals
General. Pharmacology		
In Study Guide		E-books and Journals
Pre-clinical Operative		
In Study Guide		E-books and Journals
Pre-clinical Prosthodontics		
In Study Guide		E-books and Journals

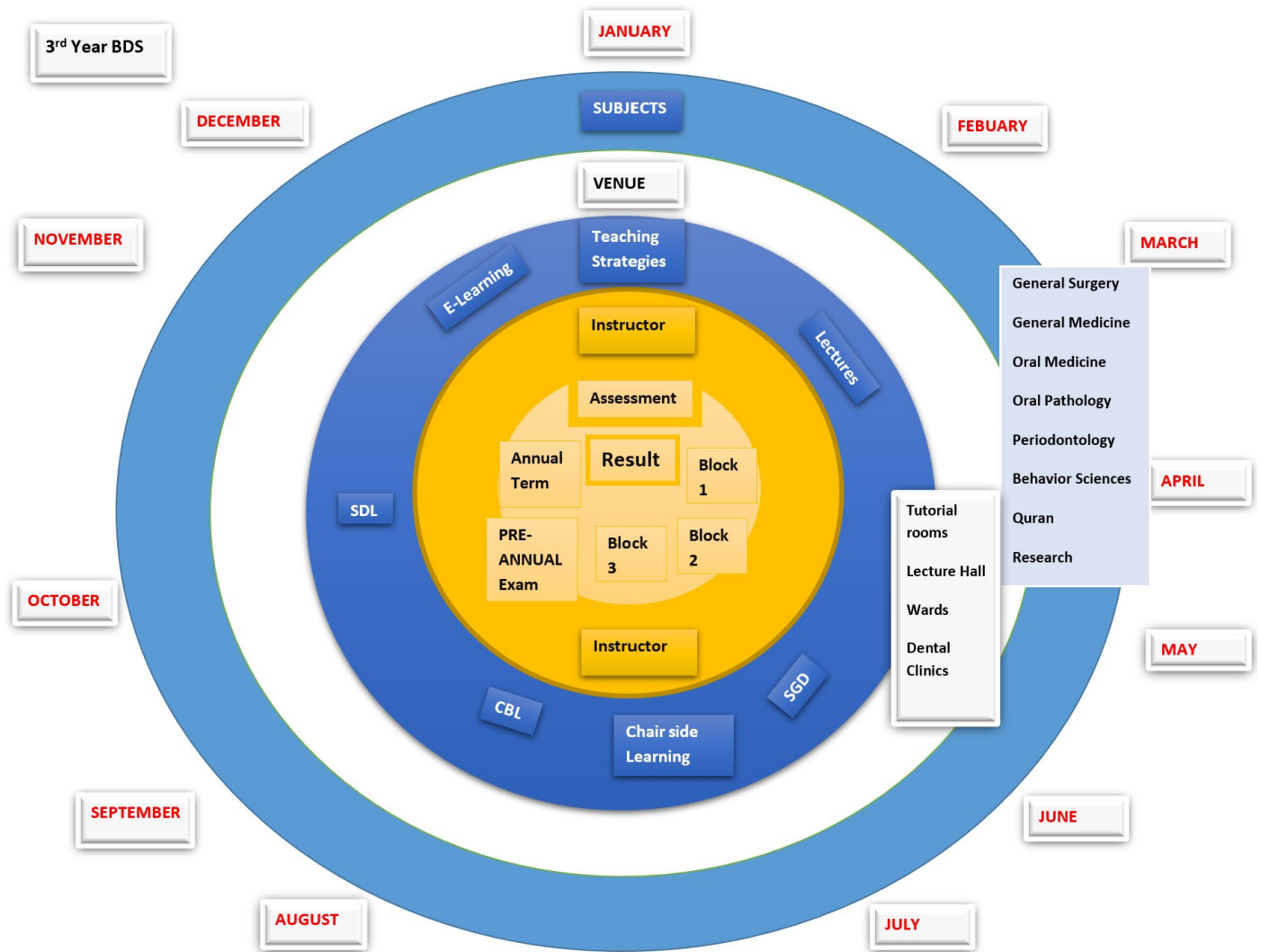
Outcomes (2nd Year BDS) (Annex- A, C, D)

BDS Program Outcomes	- Practice evidence-based dentistry and integrate knowledge with clinical skills - Formulate a treatment plan according to the patient's special needs, if any, in the form of medical conditions, physical or mental disabilities
2 nd Year BDS Outcomes	- Integrate knowledge of basic Dental Materials, community dentistry, preclinical operative and preclinical prosthodontics with its application in clinical scenarios. - Knowledge of basic general pathology and pharmacology in clinical scenarios. - Think critically to integrate basic and clinical knowledge.
Dental Materials	To co-relate basic knowledge of composition and application of

	dental materials in different clinical cases and scenarios.
Community Dentistry	To understand basic knowledge of community related dentistry, pandemic cases and apply knowledge in different community related scenarios.
Preclinical Operative	To apply basic dental materials knowledge on the clinical cases related to operative dentistry (fillings, restorations, root canal treatments etc).
Pre-clinical Prosthodontics	- Build a foundational knowledge of dental materials and apply it on the complete, partial denture cases and crown and bridges. - Dealing with the patients in prosthodontics department
General Pathology	Understanding the basic knowledge of all infectious organisms and applying it in clinical cases.
General Pharmacology	- Understanding the basic knowledge of drugs composition, route of administration, mechanism of action and route of excretion. - Understanding adverse effects related to drugs and their management. - Clinical applying basic knowledge of pharmacology on cases.

BDS Program Evaluation (Annex-B)

BDS Program Evaluation	Feedback from - NUMS Annual Exam Result (%age of passed students) - Alumni Feedback - Feedback from institutes where alumni are working
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Final Year BDS

