



# **SANTOSH**

## **Deemed to be University**

(Established u/s 3 of the UGC Act, 1956)

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**MINUTES OF THE 46<sup>th</sup> ACADEMIC COUNCIL HELD ON 24.03.2022 AT 3.00 PM  
IN THE MAHARAJA HALL, SANTOSH DEEMED TO BE UNIVERSITY, GHAZIABAD,  
NCR, DELHI.**

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The Members of the Academic Council who were present in the meeting as per Attendance list is enclosed.

At the outset, the Vice Chancellor Dr. Tripta S Bhagat welcomed newly appointed Registrar, Dr. Alpana Agrawal and all the members of the Academic Council.

The following Agenda Items were taken up for discussion:

**ITEM: 1**

**CONFIRMATION OF THE MINUTES OF 45<sup>th</sup> MEETING OF ACADEMIC COUNCIL  
HELD ON 20.11.2021 AT 12.00 NOON**

The Minutes of 45<sup>th</sup> meeting of the Academic Council held on 20.11.2021 at 12.00 Noon were circulated to all members of Academic Council for their information and comments, if any. No comments were received; hence, the Minutes **were confirmed**.

**ITEM: 2**

**ACTION TAKEN ON THE MINUTES OF 45<sup>th</sup> MEETING OF ACADEMIC COUNCIL  
HELD ON 20.11.2021 AT 12.00 NOON**

The Action Taken on the Minutes of 45<sup>th</sup> meeting of the Academic Council held on 20.11.2021 at 12.00 Noon **were noted** by the Members of the Academic Council. The **actions** were taken as per the decisions of the Academic Council and as approved by the Board of Management in its meeting held on 24.11.2021.

**ITEM: 3**

**TO CONSIDER THE MINUTES/ RECOMMENDATIONS OF THE 54<sup>th</sup> MEETING OF  
THE BOARD OF STUDIES HELD ON 23.03.2022 AT 3:00 PM.**

The Members of the Academic Council considered in detail the **recommendations / minutes** along with **AGENDA** of the **Board of Studies** held on 23.03.2022 at 3.00 PM and **approved** as under as indicated against each:-

**3(1) TO CONSIDER NMC'S NOTIFICATION NO. UGMEB/NMC/RULES & REGULATIONS/2021 DATED 18.11.2021 REGARDING COMPULSORY ROTATING MEDICAL INTERNSHIP REGULATIONS, 2021 FOR MBBS COURSE AT SANTOSH MEDICAL COLLEGE & HOSPITAL FROM THE ACADEMIC YEAR 2022-23 ONWARDS**

**1.1** The members of the Academic Council considered the **Minutes/ recommendations** of **BOS** and **noted** that the NMC vide Gazette Notification **No. UGMEB/NMC/Rules & Regulations/2021 dated 18.11.2021** has amended the **Compulsory Rotating Medical Internship (CRMI)** within a period of 12 Months as under as indicated against each concerned department:

<b>Sr. No.</b>	<b>Nature of Posting</b>	<b>Department / Specialty</b>	<b>Duration</b>	<b>Remarks</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
1.	Mandatory Exclusive	Community Medicine	12 weeks	<p>(a) Postings should be in Community Health Centres (CHC)/ Rural Health Centre (RHC) with rotation of:</p> <p>(i) 3 weeks- General Surgery            (ii) 3 weeks- General Medicine            (iii) 3 weeks- Obstetrics and Gynaecology            (iv) 3 weeks- Community Medicine</p> <p>(b) Not more than 15 interns at any given time in one centre</p> <p>(c) As provided in the Minimum Requirements for Annual MBBS Admissions Regulations (2020) section A.1.14 related to Community Medicine must be followed.</p>
2.	Mandatory Exclusive	General Medicine	6 Weeks	Includes postings in out- patient, in-patient wards and admission day emergency and exposure to High Dependency Units (HDU) and Intensive Care Units (ICU)

3.	Mandatory Exclusive	Psychiatry	2 weeks	Predominantly Out-patient postings with exposure to handling emergencies
4.	Mandatory Exclusive	Pediatrics	3 weeks	Includes postings in Out- patient, In-patient wards and Admission Day Emergency postings and exposure to Neonatal or Pediatric High Dependency and Intensive Care Units (HDU/NICU/PICU)
5.	Mandatory Exclusive	General Surgery	6 Weeks	Includes postings in Out- patient, In-patient wards, Admission Day Emergency and both Minor and Major Operation Theatres and exposure to High Dependency Units (HDUs) and Intensive Care Units (ICUs)
6.	Mandatory Exclusive	Anesthesiology and Critical Care	2 weeks	Includes postings in Operation Theatre, Intensive Care Units, Basic Life Support (BSL) training and additionally Pain Clinic and Palliative Care, if available
7.	Mandatory Exclusive	Obstetrics and Gynaecology including Family Welfare and Planning	7 Weeks	Includes postings in Out- patient, In-patient wards, Admission Day Emergency, Labour Room and Operation Theatres and exposure to High Dependency Units (HDU), Intensive Care Units (ICU) and Family Planning methods
8.	Mandatory Exclusive and Concurrent PMR with Orthopedics	Orthopaedics including Physical Medicine and Rehabilitation (PM&R)	2 weeks	Includes postings in Out- patient, In-patient, Admission Day Emergency, Plaster Room and Operation Theatres Postings in Physical Medicine and Rehabilitation (PM&R) may run concurrent in Afternoons / mornings equivalent to 4 half-days (14% of total postings)

9.	Mandatory Exclusive	Emergency/ Trauma/ Casualty	2 weeks	Includes postings related to Resuscitation areas, Triage, In-patient wards and Operation Theatre, Basic Life Support as well as exposure to medico-legal procedures
10.	Mandatory Exclusive	Forensic Medicine and Toxicology	1 week	Includes Autopsy postings
11.	Mandatory Exclusive	Dermatology, Venereology and Leprology	1 week	Predominantly Out-patient postings with exposure to handling emergencies
12.	Mandatory Exclusive	Otorhinolaryn gology	2 weeks	Predominantly Out-patient postings with exposure to handling emergencies, Minor as well as Major Operation Theatres
13.	Mandatory Exclusive	Ophthalmolog y	2 weeks	Predominantly Out-patient postings with exposure to handling emergencies, Minor as well as Major Operation Theatres
14.*	Electives Exclusive*	Broad Specialties Group	4 weeks total; 2 weeks minimum,	<ul style="list-style-type: none"> <li>• Respiratory Medicine and Directly Observed Treatment Short Course in Tuberculosis (DOTS-TB) Center</li> <li>• Radio diagnosis</li> <li>• Lab Medicine</li> <li>• Geriatric Medicine</li> </ul>
15.*	Electives Exclusive	Indian Systems of Medicine	1 week	<p>May choose any:</p> <ul style="list-style-type: none"> <li>• Ayurveda</li> <li>• Yoga</li> <li>• Unani</li> <li>• Siddha</li> <li>• Homeopathy</li> <li>• Sowa Rigpa</li> </ul>



Basic Adult Resuscitation									
Basic Pediatric Resuscitation									
Draw blood									
Use vacutainer									
Canulate vein									
Set up IV infusion									
Monitor IV infusion									
Give IM injection									
Give SC injection									
Give IV Injection									
Fill Requisition Form									
Order grouping /cross matching									
Order blood/ blood products									
Set up transfusion									
Draw blood for culture aseptically									
Immediate assessment of chest pain									
Immediate assessment of abdominal pain									
Immediate assessment of unconscious patient									
Immediate assessment of stroke									
Immediate assessment of trauma									

**B. Sample Log Book Page**

Skill	Observed		Assisted		Done under supervision		Able to do independently		Remarks /Comments
	Date	No	Date	No	Date	No	Date	No	
Control hypotension									
Triage									
Perform actions necessary in the first few minutes of arrival of a sick patient									
Seek help appropriately									
Manually handle / lift / shift patients									
Prepare for emergency surgery / procedures									
Monitor patients requiring oxygen									
Appropriately use mask, Non invasive ventilation									
Monitor sick patients in HDU									

**1.3** The NMC has also provided the Certifiable Procedural Skills and the same are as under:

Specialty	Procedure
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General Medicine	<ul style="list-style-type: none"> <li>● Venipuncture (I)</li> <li>● Intramuscular injection (I)</li> <li>● Intradermal injection (D)</li> <li>● Subcutaneous injection (I)</li> <li>● Intra Venous (IV) injection(I)</li> <li>● Setting up IV infusion and calculating drip rate (I)</li> <li>● Blood transfusion (O)</li> <li>● Urinary catheterization (D)</li> <li>● Basic life support (D)</li> <li>● Oxygen therapy (I)</li> <li>● Aerosol therapy / nebulization (I)</li> <li>● Ryle’s tube insertion (D)</li> <li>● Lumbar puncture (O)</li> <li>● Pleural and asciticfluid aspiration (O)</li> <li>● Cardiac resuscitation (D)</li> <li>● Peripheral blood smear interpretation (I)</li> <li>● Bedside urine analysis (D)</li> </ul>
General Surgery	<ul style="list-style-type: none"> <li>● Basic suturing (I)</li> <li>● Basic wound care (I)</li> <li>● Basic bandaging(I)</li> <li>● Incision and drainage of superficial abscess(I)</li> <li>● Early management of trauma (I) and trauma life support(D)</li> </ul>
Orthopedics	<ul style="list-style-type: none"> <li>● Application of basic splints and slings(I)</li> <li>● Basic fracture and dislocation management (O)</li> <li>● Compression bandage (I)</li> </ul>
Obstetrics	<ul style="list-style-type: none"> <li>● Obstetric examination(I)</li> <li>● Episiotomy(I)</li> <li>● Normal labor and delivery (including partogram) (I)</li> </ul>
Gynecology	<ul style="list-style-type: none"> <li>● Per Speculum (PS) and Per Vaginal (PV) examination(I)</li> <li>● Visual Inspection of Cervix with Acetic Acid (VIA) (O)</li> <li>● Pap Smear sample collection &amp; interpretation (I)</li> </ul>

	<ul style="list-style-type: none"> <li>● ? Intra- Uterine Contraceptive Device (IUCD) insertion &amp; removal(I)</li> </ul>
Pediatrics	<ul style="list-style-type: none"> <li>● Neonatal resuscitation(D)</li> <li>● Setting up Pediatric IV infusion and calculating drip rate (I)</li> <li>● Setting up Pediatric Intraosseous line (O)</li> </ul>
Forensic Medicine	<ul style="list-style-type: none"> <li>● Documentation and certification of trauma (I)</li> <li>● Diagnosis and certification of death(D)</li> <li>● Legal documentation related to emergency cases (D)</li> <li>● Certification of medical-legal cases e.g. Age estimation, sexual assault etc.(D)</li> <li>● Establishing communication in medico-legal cases with police, public health authorities, other concerned departments, etc (D)</li> </ul>
Otorhinolaryngology	<ul style="list-style-type: none"> <li>● Anterior nasal packing (D)</li> <li>● Otoscopy (I)</li> </ul>
Ophthalmology	<ul style="list-style-type: none"> <li>● Visual acuity testing (I)</li> <li>● Digital tonometry(O)</li> <li>● Indirect ophthalmoscopy (O)</li> <li>● Epilation (O)</li> <li>● Eye irrigation(I)</li> <li>● Instillation of eye medication (I)</li> <li>● Ocular bandaging(I)</li> </ul>
Dermatology	<ul style="list-style-type: none"> <li>● Slit skin smear for leprosy(O)</li> <li>● Skin biopsy(O)</li> <li>● Gram's stained smear interpretation (I)</li> <li>● KOH examination of scrapings for fungus (D)</li> <li>● Dark ground illumination (O)</li> <li>● Tissue smear (O)</li> <li>● Caustery - Chemical and electrical (O)</li> </ul>

Pathology and Blood Banking	<ul style="list-style-type: none"> <li>● Peripheral blood smear preparation, staining and interpretation (I)</li> <li>● Urine routine and microscopy examination (I)</li> <li>● Manual blood sugar estimation (I)</li> <li>● CSF examination (I)</li> <li>● Blood grouping (I)</li> <li>● Saline cross match method (I)</li> </ul>
Microbiology	<ul style="list-style-type: none"> <li>● Gram's stained smear interpretation (I)</li> <li>● KOH examination of scrapings for fungus (I)</li> <li>● Dark ground illumination (O)</li> <li>● ZN stained smear interpretation (I)</li> <li>● Wet mount examination of stool for ova and cysts (I)</li> <li>● Identification of blood parasites on PBS (I)</li> </ul>
Pharmacology	<ul style="list-style-type: none"> <li>● Writing a prescription (D)</li> <li>● Audit of a given prescription (D)</li> <li>● Recognize an adverse drug reaction (I)</li> <li>● Be able to prepare a list of essential drugs for a healthcare facility</li> </ul>
Applied Anatomy	<ul style="list-style-type: none"> <li>● Identification of structures on X-rays/ ultrasound</li> </ul>
Applied Physiology	<ul style="list-style-type: none"> <li>● Perform, analyze, and interpret pulmonary function (e.g. FVC, MVV) (O)</li> <li>● Perform, analyze, and interpret measurements of cardiac and vascular function</li> <li>● (e.g. HR, BP, ECG) (D)</li> <li>● Interpret blood parameters (e.g. hematocrit/red blood cell count, lactate, glucose) (I)</li> <li>● Perform, analyze, and interpret CNS function (e.g. nerve conduction velocity, EMG, cranial nerve examination) (D)</li> </ul>

Applied Biochemistry	<ul style="list-style-type: none"> <li>● Estimate glucose, creatinine, urea and total proteins, A:G ratio in serum (D)</li> <li>● Estimate serum total cholesterol, HDL cholesterol, triglycerides(D)</li> <li>● Estimate serum bilirubin, SGOT/SGPT/alkaline phosphatase (D)</li> <li>● Estimate calcium and phosphorous(D)</li> </ul>
Biomedical waste management	<ul style="list-style-type: none"> <li>● Segregation and disposal of sharps, plastics, OT material, HIV/ HBsAg/ HCV/</li> <li>● corona virus infected material (O)</li> </ul>

The Members of the Academic Council after considering the recommendations of the BOS **decided / recommended** as under:

“To implement the **Revised Compulsory Rotating Medical Internship (CRMI) within a period of 12 Months, Revised Log Book and Certifiable Procedural Skills** as above as per **1.1, 1.2 and 1.3 w.e.f 1<sup>st</sup> April 2022 onwards** at Santosh Medical College & Hospital, Ghaziabad, Delhi NCR.”

**3(2) TO CONSIDER NMC LETTER NO. NMC/US(NMC)/2022/74/008324 DATED 01.02.2022 FOR COMMENCEMENT OF ACADEMIC YEAR 2021-22 FOR MBBS COURSE W.E.F 14.02.2022 AND TENTATIVE ACADEMIC CURRICULUM AND UNIVERSITY EXAMINATION OF MBBS 2021-22 [FEB-22] BATCH**

The members of the Academic Council considered the **Minutes/ recommendations** of BOS and **noted** the following:

1. That NMC has directed vide their letter No. NMC/US(NMC)/2022/74/008324 dated 01.02.2022 that due to delay in starting of MBBS admissions on account of Covid Pandemic in the year 2021, it has been decided that the Academic Session for the MBBS Course for the year 2021-22 to be commenced from 14.02.2022. The NMC has also provided the Tentative Academic Curriculum and University Examination Schedule for the batch 2021-22 started in February 2022. Accordingly, the Santosh Medical College & Hospital has commenced the Session of MBBS for the year 2021-22 [Feb-22] batch from 14.02.2022.
2. That the NMC has further directed to **subsume the foundation course of dedicated one month within first professional of eleven months instead of thirteen months**. Foundation Course will be covered after usual

teaching hours on weekends/ holidays. **Vacations have also been curtailed during first, second, third professionals by one month.** The final professional Examinations for the 2021-22 [Feb-22] batch will place in June 2026.

The Members of the Academic Council after considering the recommendations of the BOS **decided / recommended** as under:

“The directions of the NMC for starting the Session of MBBS for the year 2021-22 [Feb-22] batch from 14.02.2022 was **complied** vide office letter No SU/R/2022/270 dated 08.02.2022. It was also decided to implement the other directions of NMC’s as under at Santosh Medical College & Hospital, Ghaziabad, Delhi NCR:

1. **Tentative Academic Curriculum and University Examination Schedule**
2. To **subsume the Foundation Course of dedicated one month within first professional of eleven months instead of thirteen months**
3. Foundation Course to be covered after usual teaching hours on weekends/ holidays.
4. Vacations have also to be curtailed during first, second, third professionals by one month.
5. The final professional Examinations for the 2021-22 [Feb-22] batch to be conducted in June 2026.”

### **3(3) TO COMPILE TEACHING SCHEDULE OF MBBS PHASE-I 2021-22 [FEB-22] ACCORDING TO NMC LETTER NO. NMC/US(NMC)/2022/74/008324 DATED 01.02.2022**

The members of the Academic Council considered the **Minutes/ recommendations** of BOS and **Noted** that as per the directions of NMC vide their letter no. NMC/US(NMC)/2022/74/008324 dated 01.02.2022, the Academic Session for the MBBS Course for the year 2021 commenced from 14.02.2022

Accordingly, the Teaching Schedule including the **Foundation Course and AETCOM** for the MBBS Phase-I 2021-22 [Feb-22] batch which has been uploaded on the University website and the same is being compiled and will be printed after obtaining alterations / additions in the teaching schedule from the concerned Head of the Department and through the Dean, Santosh Medical College & Hospital. The same will be provided to the students and the concerned department’s faculty for the new session started from February 2022.

### **3(4) TO COMPILE TEACHING SCHEDULE OF BDS 1<sup>ST</sup> YEAR 2021-22 [FEB-22] BATCH**

The members of the Academic Council considered the **Minutes/recommendations** of **BOS** and **noted** that as per the directions of Ministry of Health & Family Welfare orders No. F.No. U-11011/08/2021-MEC dated 19.01.2022 and DCI vide their letter No. DE-NEET(UG)Admission-2021/407 dated 20.01.2022 for starting **new session of BDS Course** for the Academic Year 2021-22 from 10.02.2022 onwards.

Accordingly, the teaching schedule for the BDS 1<sup>st</sup> Year 2021-22 [Feb-22] Batch and the same is being compiled and will be printed after obtaining alterations / additions in the teaching schedule from the concerned Head of the Department and through the Dean, Santosh Dental College & Hospital. The same will be provided to the students and the concerned department's faculty for the new session started from February 2022.

### **3(5) TO CONSIDER DCI LETTER NO. DE-NEET-ADMISSION-MDS-2021/3571 DATED 14.01.2022 AND MOHFW'S LETTER NO. Z-28011/68/2021-MEC/DE DATED 17.02.2022 DIRECTIONS FOR TIMELY CONDUCTION OF BDS FINAL YEAR EXAMINATIONS AND COMPLETION OF COMPULSORY ROTATORY INTERNSHIP OF BDS 2016-17 BATCH BEFORE 31.07.2022**

The members of the **Academic Council** considered the **Minutes/recommendations** of **BOS** and **noted** the following:

- 1) That the DCI vide their letter no. DE-NEET-Admission-MDS-2021/3571 dated 14.01.2022 directed to complete Compulsory Paid Rotatory Internship by **31.03.2022** and **it remains 31<sup>st</sup> of March every year.**
- 2) That the Ministry of Health & Family Welfare vide their letter No. Z-28011/68/2021-MEC/DE dated 17.02.2022 has extended the date of completion of Compulsory Paid Rotatory Internship up to **31.07.2022** **instead of 31.03.2022** due to representations and Postponement of MDS NEET Examination from 06.03.2022 to 02.05.2022 for the **batch 2016-17.**
- 3) That the DCI vide their letter dated 14.01.2022 also indicated that the BDS Internship of **every batch** to be completed by 31<sup>st</sup> March of every year for becoming eligible to appear for NEET MDS Examination.
- 4) That the BDS Final Year (2016 Batch) Examination was conducted in October / November 2020 and Internship was started in January 2021. The 2016-17 batch completed their Internship in **January 2022.**

The Members of the Academic Council after considering the recommendations of the BOS **decided / recommended** to implement the directions of the DCI letter dated 14.01.2022 and MoHFW letter dated 17.02.2022 as per above paras (1), (2), (3) and (4) for completion of BDS Internship of **every batch** by 31<sup>st</sup> March of every year for becoming eligible to appear for NEET MDS Examination.

**3(6) TO CONSIDER FOR IMPLEMENTATION OF (i) COURSE IN ETHICS AND (ii) COURSE IN BASIC CARDIAC LIFE SUPPORT SKILLS (BCLS) TO ALL PG MEDICAL STUDENTS FROM 2021-22 BATCH ONWARDS, SANTOSH MEDICAL COLLEGE & HOSPITAL**

The members of the **Academic Council** after detailed consideration of the **Minutes/ recommendations** of Board of Studies, decided as under:

“To implement the **(i) COURSE IN ETHICS AND (ii) COURSE IN BASIC CARDIAC LIFE SUPPORT SKILLS (BCLS) TO ALL PG MEDICAL STUDENTS FROM 2021-22 BATCH ONWARDS, SANTOSH MEDICAL COLLEGE & HOSPITAL**, the details thereof are as under:

**1. Course in Ethics**

- a) All postgraduate students shall complete course in Ethics including Good Clinical Practices and Good Laboratory Practices, whichever is applicable to them, to be conducted by Institutes themselves or by any other method.
- b) The students have to complete the course **within one year** of the commencement of the batch
- c) No Postgraduate Student shall be permitted to appear in the examination without completing the above course.

**2. Course in Basic Cardiac Life Support Skills (BCLS)**

- a) All postgraduate students shall complete a course in Basic Cardiac Life Support (BCLS) skills and get duly certified.
- b) The students have to complete the course **within one year** of the commencement of the batch”

**3(7) TO CONSIDER THE PROPOSAL FOR CREATION OF CLINICAL PSYCHOLOGY DEPARTMENT IN SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

The members of the **Academic Council** considered the **Minutes/ recommendations** of Board of Studies for creation of Clinical Psychology department and **deferred** the same for some more clarifications in the matter.

**3(8) TO START VALUE ADDED COURSES IN THE 8 DEPARTMENTS VIZ. ANATOMY, BIOCHEMISTRY, PATHOLOGY, MICROBIOLOGY, ANAESTHESIA, PSYCHIATRY, PROSTHODONTICS AND CROWN & BRIDGE AND PAEDIATICS & PREVENTIVE DENTISTRY, SANTOSH DEEMED TO BE UNIVERSITY, GHAZIABAD, DELHI NCR**

The Members of the **Academic Council** considered the **Minutes/recommendations** of Board of Studies in detail regarding the following 8 proposals and **recommended / approved** for starting **Value Added Courses** in the following Departments as indicated against each as under at Santosh Medical / Dental Colleges & Hospitals, Ghaziabad, Delhi NCR:

**1.DEPARTMENT OF ANATOMY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “STUDY OF CROSS-SECTIONAL ANATOMY FOR CREATING AND UNDERSTANDING A CORRELATION BETWEEN CLASSICAL CADAVERIC CROSS SECTIONS & IMAGES SEEN IN ULTRASOUND, COMPUTED TOMOGRAPHY (CT) AND MAGNETIC RESONANCE IMAGING (MRI)” IN THE DEPARTMENT OF ANATOMY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “Study of Cross-Sectional Anatomy for Creating and Understanding a Correlation Between Classical Cadaveric Cross Sections &, Images Seen in Ultrasound, Computed Tomography (CT) and magnetic resonance Imaging (MRI)” in the Department of Anatomy and **recommended/approved** as under: -

**1. Name of the Course:**

“Study of Cross-Sectional Anatomy for Creating and Understanding a Correlation Between Classical Cadaveric Cross Sections &, Images Seen in Ultrasound, Computed Tomography (CT) and magnetic resonance Imaging (MRI)”

**2. Duration of the Course:**

04 Months

16 Hours [Every Saturday from 1 to 2 pm]

**3. Eligibility Criteria**

Students of MBBS and M.Sc. Medical Anatomy

**4. Course Fee:**

Rs.200 per student

**5. Course Director:**

## **6. Course Methodology :**

1. Lectures by power point presentations
2. Demonstration of Ultrasound, CAT and MRI plates of various regions of human body taken at various important body levels.
3. Demonstration of Cadaveric Transverse Sections .
4. Clinical Correlations between gross and radiological sections and thereby helping in interpretation of various Pathological Lesions

## **7. Course Syllabus:**

**Cross-sections** are two-dimensional, axial views of gross anatomical structures seen in transverse planes. They are obtained by taking imaginary slices perpendicular to the main axis of organs, vessels, nerves, bones, soft tissue, or even the entire human body. Cross-sections provide the perception of '**depth**', creating three-dimensional relationships between anatomical structures in our mind's eye. They build the entire picture, improve your understanding, consolidate the information and facilitate recall. In addition, modern imaging techniques like ultrasound, computed tomography (CT) and magnetic resonance imaging (MRI) are based on cross sectional anatomy. Therefore, cross-sections are essential for establishing a precise diagnosis, planning therapy and performing radiologically guided interventions.

Hence the study of Cross-Sectional Anatomy serves two purposes; 1) as a visual medium to facilitate an understanding of the structural organization of the human body and 2) as preparation for the study of ultrasound, computed tomography (CT) & MRI

## **2.DEPARTMENT OF BIOCHEMISTRY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN "QUALITY ASSURANCE IN CLINICAL LABORATORY" IN THE DEPARTMENT OF BIOCHEMISTRY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “QUALITY ASSURANCE IN CLINICAL LABORATORY” in the Department of Biochemistry and **recommended/approved** as under: -

**1. Name of the Course:**

“QUALITY ASSURANCE IN CLINICAL LABORATORY

**2. Duration of the Course:**

1 Month

16 Hours (Every Saturday 1:00 PM to 5:00 PM)

**3. Eligibility Criteria**

MBBS STUDENTS BATCH (2021-2022)

**4. Course Fee:**

Rs.500 per student

**5. Course Director:**

Dr. Juhi Aggarwal, Professor & HOD of Biochemistry

**6. Course Methodology :**

PPT/ GROUP DISCUSSION/ GUEST LECTURE

**7. Course Syllabus:**

DAY 1- Introduction & Pre- analytical process

DAY 2- Analytical process- Part I

DAY 3- Analytical process- Part II

DAY 4- Post Analytical process followed by Course Evaluation Test

**1. DEPARTMENT OF PATHOLOGY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “PERIPHERAL SMEAR PREPARATION AND INTERPRETATION” IN THE DEPARTMENT OF PATHOLOGY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “PERIPHERAL SMEAR PREPARATION AND INTERPRETATION” in the Department of Pathology and **recommended/approved** as under: -

**1. Name of the Course:**

“PERIPHERAL SMEAR PREPARATION AND INTERPRETATION”

**2. Duration of the Course:**

1 Month

16 Hours (Every Saturday 1:00 PM to 5:00 PM)

**3. Eligibility Criteria:**

MBBS 2nd Year, BDS 2nd Year, MSc MLT and Pathology Post graduates

**4. Course Fee:**

Rs.500 per student

**5. Course Director:**

Dr Malay Bajpai, Professor & HOD of Pathology

**6. Course Methodology :**

Powerpoint presentation, hands-on training and pentahead microscopic discussion

**7. Course Syllabus:**

- 1) Sample collection Techniques
- 2) Techniques for Preparation of Peripheral smear
- 3) Staining and interpretation of smear
- 4) Case discussion and assessment

**1.DEPARTMENT OF MICROBIOLOGY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “CERTIFICATE PROGRAM FOR MOLECULAR DIAGNOSIS OF COVID 19” IN THE DEPARTMENT OF MICROBIOLOGY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “**CERTIFICATE PROGRAM FOR MOLECULAR DIAGNOSIS OF COVID 19**” in the Department of Microbiology and **recommended/approved** as under: -

**1. Name of the Course:**

“**CERTIFICATE PROGRAM FOR MOLECULAR DIAGNOSIS OF COVID 19**”

**2. Duration of the Course:**

1 Month

16 Hours (Every Saturday 1:00 PM to 5:00 PM)

**3. Eligibility Criteria:**

MBBS AND BDS Students and Post Graduates

**4. Course Fee:**

Rs 500/- per Participant

**5. Course Director:**

Dr. Ashutosh Rawat, Professor & HOD of Microbiology

**6. Course Methodology :**

The learning and teaching methodologies applied in this program are preparatory content, lecture, discussions & demonstrations.

The students will be provided with contents during the program. Preparatory content includes, • Text of the subject content • Case studies, live examples

**2.DEPARTMENT OF ANAESTHESIA:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “BASICS OF ULTRASONOGRAPHY AND ECHOCARDIOGRAPHY” IN THE DEPARTMENT OF ANAESTHESIA, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “BASICS OF ULTRASONOGRAPHY AND ECHOCARDIOGRAPHY” in the Department of Anaesthesia and **recommended/approved** as under: -

**1. Name of the Course:**

“BASICS OF ULTRASONOGRAPHY AND ECHOCARDIOGRAPHY”

**2. Duration of the Course:**

1 Month

16 Hours (Every Saturday 1:00 PM to 5:00 PM)

**3. Eligibility Criteria:**

PG AND FACULTY OF ALL CLINICAL DEPARTMENTS

**4. Course Fee:**

Rs.500 per student

**5. Course Director:**

Dr. Debapriya Sarkar, Asst. Professor of Anaesthesia

**6. Course Methodology :**

Lecture / Demonstration / Hands On Training

**7. Course Syllabus:**

- BASICS OF ULTRASONOLOGY - MACHINE AND KNOBOLOGY
- FAST/EFAST/POCUS - APPLICATION
- ULTRASOUND GUIDED ACCESS/NERVE BLOCKS
- BASICS OF ECHOCARDIOGRAPHY
- MEASUREEMENTS - CALCULATION OF INDICES

**1.DEPARTMENT OF PSYCHIATRY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “MINDFULNESS FOR MEDICAL UNDER GRADUATES” IN THE DEPARTMENT OF PSYCHIATRY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “MINDFULNESS FOR MEDICAL UNDER GRADUATES” in the Department of Psychiatry and **recommended/approved** as under: -

**1. Name of the Course:**

“MINDFULNESS FOR MEDICAL UNDER GRADUATES”

**2. Duration of the Course:**

One Month

16 Hours (Every Saturday 1:00 PM to 5:00 PM)

**3. Eligibility Criteria:**

MBBS final year (2015-2016) & then for new batch (2019-2020)

**4. Course Fee:**

Rs.100 per student

**5. Course Director:**

Dr. Rani Srivastava, Professor of Clinical Psychology

**6. Course Methodology :**

**1. DEPARTMENT OF PROSTHODONTICS & CROWN AND BRIDGE:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “PORCELAIN LAMINATE VENEERS” IN THE DEPARTMENT OF PROSTHODONTICS & CROWN AND BRIDGE, SANTOSH DENTAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “PORCELAIN LAMINATE VENEERS” in the Department of **Prosthodontics & Crown and Bridge** and **recommended/approved** as under: -

**1. Name of the Course:**

“PORCELAIN LAMINATE VENEERS”

**2. Duration of the Course:**

Two Months

16 Hours [every Saturday from 1 to 3 pm]

**3. Eligibility Criteria:**

BDS 3rd year (onward)

**4. Course Fee:**

Rs.500 per student

**5. Course Director:**

Dr. Puja Malhotra, Professor & HOD of Prosthodontics And Crown & Bridge

**6. Course Syllabus:**

S.No	Topic
1	Introduction to Porcelain Veneers
2	Advantages and Disadvantages
3	Indications and Contraindications
4	Treatment planning and types of veneers
5	Clinical procedures and preparation

6	Gingival retraction and Impression making
7	Shade selection
8	Try in & cementation

**3. DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY:**

**TO START A VALUE-ADDED CERTIFICATE COURSE IN “NITROUS OXIDE INHALATION SEDATION “THE HAPPY AIR” ” IN THE DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, SANTOSH DENTAL COLLEGE & HOSPITAL, GHAZIABAD, DELHI NCR.**

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The members of the Board of Studies considered the proposal to start a **value-added certificate course** in “NITROUS OXIDE INHALATION SEDATION “THE HAPPY AIR” ” in the Department of **Pediatric and Preventive Dentistry** and **recommended/approved** as under: -

**1. Name of the Course:**

“NITROUS OXIDE INHALATION SEDATION “THE HAPPY AIR” ”

**2. Duration of the Course:**

4 Months

16 Hours [Every Saturday from 1 to 2 pm]

**3. Eligibility Criteria:**

BDS Final year students and Interns

**4. Course Fee:**

Rs.500 per student

**5. Course Director:**

Dr. Natasha Gambhir, Professor of Pediatric and Preventive Dentistry

**6. Course Methodology :**

Lecture and Demonstration

**ITEM: 4**

**TO CONSIDER THE SYLLABUS FOR INTRODUCTION OF NEW PROGRAMME MD-IMMUNO HEMTOLOGY AND BLOOD TRANSFUSION AT SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI IN ANTICIPATION OF THE GRANT OF APPROVAL OF NMC**

The Members of the Academic Council considered the Syllabus for Introduction of New Programme MD- **Immuno Hematology and Blood Transfusion** at Santosh Medical College & Hospital, Ghaziabad, NCR Delhi from the academic year 2023-24 onwards and the same was **recommended / approved** as under: -

“1. To start Post Graduate Programme in MD- Emergency Medicine with **03 (three) seats** in the department of Der Emergency Medicine at Santosh Medical College & Hospital, Ghaziabad, NCR Delhi from the Academic Year 2023-24 onwards under Santosh Deemed to be University subject to grant of permission by the National Medical Commission, New Delhi U/s 26(1)(a)(b), 28(1)(2) and 61(2) of the NMC Act, 2019.

2. The Syllabus of **MD- Immuno Hematology and Blood Transfusion** was considered and **Approved as per the NMC's Guidelines for the said programme."**

**ITEM : 5**

**TO CONSIDER VARIOUS INTERDISCIPLINARY COURSES CONDUCTED ACROSS ALL THE PROGRAMMES OFFERED BY THE SANTOSH DEEMED TO BE UNIVERSITY**

The Members of the Academic Council considered the list of various Interdisciplinary Courses conducted across all the Programmes offered by the Santosh Deemed as submitted by the Dean-Academics and Director IQAC and **recommended / approved** the same.

The Meeting then came to an end with a vote of thanks to the Chair.

**Sd/-**

[Dr. Alpana Agrawal]  
Registrar & Member Secretary  
Santosh Deemed to be University,  
Ghaziabad, NCR Delhi

**Sd/-**

[Dr. Tripta S Bhagat]  
Vice Chancellor  
Santosh Deemed to be University,  
Ghaziabad, NCR Delhi

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