



SANTOSH

Deemed to be University

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

MINUTES OF THE 37th ACADEMIC COUNCIL HELD ON 06.03.2020
AT 3.00 P.M IN THE MAHARAJA HALL, SANTOSH MEDICAL
COLLEGE, GHAZIABAD, NCR DELHI.

The Members of the Academic Council who were present in the Meeting the Attendance list is attached in this regard.

At the outset, the Vice Chancellor Dr. Tripta S Bhagat, welcomed all the members of the Academic Council.

The following Agenda Items were taken up for discussion:

Item: 1

CONFIRMATION OF THE MINUTES OF 36th MEETING OF THE
ACADEMIC COUNCIL HELD ON 31.10.2019 AT 03.00 PM.

The Minutes of 36th meeting of the Academic Council held on 31.10.2019 at 3.00 PM 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 36th MEETING OF THE
ACADEMIC COUNCIL HELD ON 31.10.2019 AT 03.00 PM.

The Action Taken on the Minutes of 36th meeting of the Academic Council held on 31.10.2019 at 3.00 PM **were noted** by the Members of the Academic Council.

ITEM: 3

TO CONSIDER THE MINUTES/ RECOMMENDATIONS OF THE
45th MEETING OF THE BOARD OF STUDIES HELD ON
04.03.2020 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 04.03.2020 at 3.00 PM and approved as under:-

A. TO CONSIDER TO START A VALUE ADDED CERTIFICATE COURSE ON "BASIC LIFE SUPPORT [BLS]" IN THE DEPARTMENT OF ANESTHESIOLOGY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI

The members of the Academic Council considered the proposal to start **Basic Life Support [BLS] certificate** course in the Department of Anesthesiology considered in detailed and **granted ex-post-facto recommendations/ approved the same as under:-**

1. "Name of the Course

Basic Life Support [BLS]

2. Duration of the Course

The course will be conducted for 4 hours Session for 4 days and there shall be 3 batches per year containing 30 candidates per batch. [After the scheduled curriculum]

3. Eligibility Criteria

All MBBS Final year, MBBS Interns, BDS Final year and BDS Interns and Paramedical Staff will be eligible for the above course.

4. Course Director: Dr. Anil Kumar

5. Schedule of Course

The course will be conducted in 2 halves

1st Half containing-

- LECTURES on -BLS

-Airway Management

-Foreign Body Removal

- Followed by Video Presentation

2nd Half will be Hands on workshop

Note:

Poor awareness of BLS is matter of concern. Precious lives can be saved only by awareness & some simple steps which every medical & dental should know to perform in our day to day life."

The members of Academic Council further **decided** that the BLS Course Certificate should bear the signatures of (1) Course Director (2) Head of the Department (3) Dean of the concerned college and Registrar of the University.

B. TO CONSIDER TO START A FELLOWSHIP PROGRAM IN EMERGENCY MEDICINE (FPEM) IN THE DEPARTMENT OF MEDICINE, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI

The members of the Academic Council considered the proposal to start a **Fellowship Program in Emergency Medicine (FPEM)** in the Department of Medicine considered in detailed and **granted ex-post-facto recommendations / approved the same as under:-**

1. Name of the Course

Fellowship Program in Emergency Medicine (FPEM)

2. Duration of the Course

6 Months

3. Eligibility Criteria

2 year full time post MBBS clinical experience. Preference accorded to students with ICU/Emergency experience.

4. Intake

5 students per session

5. Course Schedule

Sessions: January and July

6. Course Fees

Rs.35000 + Rs.5000 one time lifetime registration from Society of Critical Care and Emergency Medicine

7. Course Methodology

Regular training in ER, Case discussions, Seminars, Bedside teaching, Journal Club, Mortality and morbidity meets [Weekly 5 Hours duration classes].

Note:

- a. Certificate will be issued by the Santosh Deemed to be University and SCCEM (Society of Critical Care and Emergency Medicine) after clearance of written final exam and skill stations.
- b. Course Director: Dr. Manish Sabharwal
- c. Faculty of the Santosh Medical College & Hospital, Ghaziabad, NCR Delhi.

8. Course Syllabus

- Introduction, Concept and implementation of Triage, Organization of ED and legal aspects of Emergency Medicine
- Adult and Paediatric Cardiopulmonary resuscitation
- ECG Interpretation
- Management of Arrhythmias and Cardiac Emergencies
- Primer on Arterial Blood Gases
- Management of Electrolyte disorders
- Airway Management and basics of Mechanical Ventilation

- Emergency Department Imaging: X-Ray, USG FAST and USG guided Emergency Procedures
- Introduction to Computed Tomography and Management of Neurological Emergencies
- Trauma Emergencies
- Wound Management, Asepsis and Analgesia
- Management of Endocrine Emergencies
- Management and early diagnosis of Shock States
- Introduction to Emergency Antimicrobial Therapy
- Emergency Toxidromes
- Management and recognition of: Anaphylaxis, Envenomation, Bites and stings
- Urogenital Emergencies
- Hepato – Biliary Emergencies
- Surgical and Transfusion Emergencies
- Psychiatric Emergencies
- Management of Paediatric Emergencies
- Obstetrics and Gynaecology in Emergency Department
- ENT and Ophthalmological Emergencies
- Environmental Emergencies and Basics of Disaster Management

During the discussion it was informed by Dr. Rashmi Sharma HOD Anesthesia that she has also undergone a fellowship programme at AIIMS, New Delhi and she can be considered as a Co-Course Director for Emergency Fellowship programme. It was informed to her that she may submit the details of fellowship as well as requests for the same, for further necessary action.

C. TO START A VALUE ADDED CERTIFICATE COURSE IN PULMONARY FUNCTION TESTING: SPIROMETRY IN THE DEPARTMENT OF TB & CHEST, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI

The members of the Academic Council considered the proposal to start a **Value Added Certificate Course in Pulmonary Function Testing: Spirometry** in the Department of TB & Chest and **granted ex-post-facto recommendations / approved the same as under:-**

1. **Name of the Course:** Pulmonary Function Testing: Spirometry
2. **Duration of the Course:** 4 Months [(Weekly session of 1 hour)
20 hours [After the scheduled curriculum]]
3. **Number of students** – 6 to 10
4. **Course fee-** Rs 3000/- per student
5. **Eligibility :**

- MBBS students from Phase 2 onwards
- Post graduates perusing MD Pulmonary Medicine and MD Medicine

6. **Course Director:** Dr. Sonisha Gupta

7. **Course description-**

- Online registration
- Total 20 hours of e- learning content & hands on training
- **online Video lectures**
- Learn from experienced Faculty of Santosh Medical College
- **Guest faculty from Delhi Government** Medical colleges
- Downloadable resources
- Weekly online assessments (25% marks will be added in theory exam marks)

8. **Practical training** on normal individual & in patients in hospital

- A written Multiple choice question paper at the end of session **in Hospital**
- Certificate issued on successful completion of course (**pass marks above 60%**)

D. AS PER DIRECTIONS OF THE UGC VIDE THEIR DO LETTER NO.F.1-1/2018 (JOURNAL / CARE) DATED DECEMBER 2019 TWO CREDIT COURSE FOR AWARENESS ABOUT PUBLICATION ETHICS AND PUBLICATION MISCONDUCTS ENTITLED "RESEARCH AND PUBLICATION ETHICS (RPE)" TO BE MADE COMPULSORY FOR ALL PH.D. STUDENTS FOR PRE-REGISTRATION COURSE WORK.

The Members of the Academic Council **noted** the UGC directions vide their letter dated December 2019 and decided to implement the same at Santosh Deemed to be University, Ghaziabad, NCR Delhi from September 2020 Session onwards for Ph.D. Students which are as under:-

"To include Two Credit Course for awareness about publication ethics and publication misconducts entitled "Research and Publication Ethics (RPE)". This will be implemented from September Session 2020 onwards for Ph.D. Students and the details thereof is as under:-

Course Title:

- **Research and Publication Ethics (RPE)** Course for awareness about the publication ethics and publication misconducts.



Course Level:

- 2 Credit course (30 hrs.)

Eligibility:

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

Fees:

- As per University Rules

Faculty:

- Interdisciplinary Studies

Qualifications of faculty members of the course:

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

About the course

Course Code: CPE- RPE

Overview

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Pedagogy:

- Class room teaching, guest lectures, group discussions, and practical sessions.

Evaluation

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit Title	Teaching Hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practice		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4

RPE 06	Databases and Research Metrics	7
	Total	30

Syllabus in detail

THEORY

● **RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**

1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

● **RPE 02: SCIENTIFIC CONDUCT (5hrs.)**

1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

● **RPE 03: PUBLICATION ETHICS (7 hrs.)**

1. Publication ethics: definition, introduction and importance
2. Best practices/ standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE

RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

● **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

A. Group Discussions (2 hrs.)

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2 hrs.) Use of plagiarism software like Turnitin, Urkund and other open source software tools

● **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

A. Databases (4 hrs.)

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

B. Research Metrics (3 hrs.)

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

The members of the Academic Council further decided that the above directions of the UGC may be circulated to all members of the Research Advisory Committee [RAC] for its implementation in Ph.D. Course.

E. AS PER DIRECTIONS OF THE MCI/BOG VIDE NOTIFICATION NO.MCI-18(1)/2019-MED./168664 DATED 02.12.2019 - ANIMAL EXPERIMENTATION SHOULD CONTINUE AS A PART OF THE COMPETENCY BASED CURRICULUM OF POSTGRADUATE COURSES IN PHYSIOLOGY IN MEDICAL INSTITUTIONS SUBJECT TO THAT ALL GOVERNING STATUTORY REGULATIONS WITH REGARD TO THE USE OF ANIMALS EXPERIMENTATION IN PG COURSES.

The members of the Academic Council **noted** the MCI/BOG Notification dated 02.12.2019 and also the earlier **MCI** Gazette Notification dated 18.03.2014 and **UGC** Notification dated 01.08.2014. After consideration **recommended / decided** that the same may be implemented at Santosh Deemed to be University and its constituent colleges i.e. (animal experimentation should continue as a part of the competency based curriculum of postgraduate courses in physiology in medical institutions] which are as under:-

a) MCI

The MCI vide their Gazette Notification dated 18.03.2014 inter-alia amended as under:-

"3. In 3. FORM AND PROCEDURE clause part II (8) Building Programme (g) the heading "Animal House" will be substituted as under:-

"For teaching Physiology and Pharmacology in UG curriculum, the required knowledge and skills should be



imparted by using Computer Assisted modules. Only an animal hold area, as per CPCSEA Guidelines is required”.

b) MCI/BoG

The Medical Council of India / BoG vide their Letter dated 02.12.2019;-

“Animal experimentation should continue as a part of the Competency Based Curriculum of Postgraduate Courses in Physiology and Pharmacology in Medical Institutions subject to that all Governing Statutory Regulations with regard to the use of animals experimentation in PG courses”

c) UGC

The UGC vide their Notification dated 1st August 2014 inter alia stated as under:-

“7.1 Undergraduate and postgraduate programs

7.1.1“For Undergraduate and postgraduate programs, both at major and allied levels, no animal from any species shall be dissected, either by teachers or students for any purposes. The teachers shall demonstrate one or more aspects of anatomy to students with the help of digital alternatives, models and charts, etc.

7.1.2 The curriculum, both theoretical & practical for Invertebrates and Chordates, as the case may be, shall be oriented towards levels and patterns of organization, biosystematics, biodiversity, adaptations, developmental stages, population dynamics, ecological implications, etc. The laboratory exercises should make use of museum specimens and microscopic preparations, photographs, video clippings, models, charts, plastinated specimens, field observations combined with photography and/or videography, and so on. Intermittent field visits should be arranged.

7.1.3 Digital alternatives such as ProDissector Frog, BioLab Frog, DigiFrog, Dissection Works etc. are available in plenty on various platforms and market. They should be suitably procured from commercial sources or internet. Many of these digital learning devices have modules for testing, which can be used to evaluate the students at the examination. Separate budgetary provision should be made by the concerned institution for the procurement of digital material and technology.

7.1.4 During the field visits, the students shall only observe the animals and make record of the observations. The animals shall neither be killed nor removed from their natural habitat. To that effect, students should be told about the importance of biodiversity and its conservation.

7.1.5 Skill laboratories should be developed by institutions to train students on interactive plastic models.

F. TO CONSIDER THE EXAMINATION METHOD & POLICY OF SANTOSH DEEMED TO BE UNIVERSITY.

The Members/ Chairpersons of the Academic Council **noted** the proposal for examination method & policy for UG, PG and Ph.D. Examinations. After detailed consideration it was decided that this item **may again be deferred for some more clarifications.**

G. TO CONSIDER THE RESEARCH POLICY – INTERNAL AND EXTERNAL GRANTS

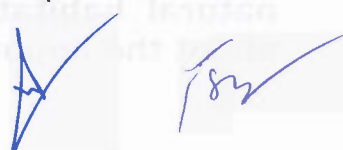
The Members of the Academic Council **noted** that the existing Research Policy including intramural and extramural research grants. It was also informed that the existing research policy was already circulated to all Medical & Dental faculty members for their suggestions.

After detailed consideration it was decided that this item **may again be deferred and again may be re-circulated for all Medical & Dental Faculty members for their suggestions.**

H. TO CONSIDER THE REQUEST OF DEPARTMENT OF SURGERY TO APPLY FOR A PATENT ON "INNOVATIVE ECONOMICAL SURGICAL SUTURE BOARD"

The Members of the Academic Council considered the proposal of Dr. Shalabh Gupta, Professor & Head of Department of Surgery for **applying a patent on "Innovative Economical Surgical Suture Board"** and the same was approved subject to the terms and conditions applicable for Patent Registration.

It was further decided that Dean, Research may invite **speakers** for patent related lectures / Incubation Centre / start-ups.



I. GRANT OF PERMISSION TO START A VALUE ADDED CERTIFICATE COURSE IN PHLEBOTOMIST TRAINING COURSE IN THE DEPARTMENT OF BIOCHEMISTRY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI

The members of the Academic Council considered the proposal to start a Value Certificate Course in **Phlebotomist Training Course** in the Department of **Biochemistry** considered in detailed and **recommended / approved the same as under:-**

1. **Name of the Course:** **Phlebotomist Training Course**
2. **Duration of the Course:**
 - conducted for 3 days: 7 hours/day for 3 days
 - -The course shall be conducted twice a year.
3. **Number of students** – 35
4. **Course fee-** Rs 1000/- per student
5. **Eligibility :**
All MBBS & BDS final year students, MBBS & BDS interns, paramedical staff i.e. nursing staff & associated technicians.
6. **Course Director:** Dr. Juhi Aggarwal
7. **Course description-**
 1. Online video lectures.
 2. Learn from experienced faculty of Santosh Medical College.
 3. Guest faculty from NABL accredited laboratory.
 4. Extensive training on biomedical waste management.
 5. Certification- passing in the written MCQ & practical exam at the end of the session.
 6. 65% pass marks required to issue certificate on completion of the course.

J. GRANT OF PERMISSION TO START A FELLOWSHIP PROGRAM IN LINGUAL ORTHODONTICS AND MICROIMPLANTS IN THE DEPARTMENT OF ORTHODONTICS, SANTOSH DENTAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI

The members of the Academic Council considered the proposal to start a **Fellowship Program in Lingual Orthodontics and Microimplants** in the Department of **Orthodontics** and **granted ex-post-facto recommendations/ approved the same as under:-**

1. **Name of the Course**
Fellowship in lingual Orthodontics and Microimplants
2. **Duration of the Course**
12 months

3. Eligibility Criteria

Orthodontists **OR** Post Graduate Students in Orthodontics & Dentofacial Orthopaedics

4. Intake

20 students

5. Course Schedule

May 2020- April 2021

6 module - 2 sessions each [6 contact sessions for 2 days each sessions for 8 hours each day]

6. Course Fees

Rs.1,50,000/- per candidate

7. Course Methodology

Didactic, interactive lecture, typhodont exercises and on patient treatment under supervision

Note:

- a) Certificate will be issued by Santosh Deemed to be University after evaluation of the students.
- b) **Course Director**
Dr Rajiv Ahluwalia (Prof. & Head, Dept. of Orthodontics)
- c) **Co-Course Director**
Dr. Sanjay Labh (External Faculty)

8. Course Syllabus

Lingual Orthodontics

- Treatment steps including mechanics and anchorage control.
- Successful lingual bonding
- Screw assisted mushroom arch wire techniques
- Midpalatal absolute anchorage
- Lingual liver AMI technique, A modified hero system
- Finishing with lingual orthodontics
- Digital advancement in lingual orthodontics
- How to control vertical dimension in lingual orthodontics,
- Tandem arch wire mechanism
- Loop mechanics

Micro implants-

- Types of micro implants



- Indication of micro implants and placement of micro implants
- follow up
- HANDS ON : Detail lingual laboratory procedure for bracket placement by three methods, simplified technique, best system with TAD & BPD HIRO system, arch wire bending exercise, individual arch wire bending exercise, individual lingual arch form template making, tooth movement on lingual typhodont.
- TAADS: Armamentarium, Surgical technique & Procedure.
- CLINICAL DEMONSTRATION: Live indirect lingual bonding/ rebonding, placement of mini implants on palatal side.

It was also decided that conducting such **programmes** may be Notified on the Institutional / University website.

K. TO REVIEW REPORT OF INTERNAL QUALITY ASSURANCE CELL (IQAC) HELD ON 11.12.2019 & 17.02.2020

The Members of the Academic Council noted that the meetings of the IQAC were held on 11.12.2019 & 17.02.2020. The Members of the Academic Council **considered the same and recommended** as under:

"The minutes of Internal Quality Assurance Cell for the years 2019-20 i.e. 11.12.2019 & 17.02.2020 as submitted by the Members of the Internal Quality Assurance Cell were examined by the members of the Board of Studies and finally recommended that the suggestions as observed by the IQAC during their two meetings, may be implemented. The suggestions of the IQAC meetings were as under:-

IQAC meeting 11.12.2019

"The Committee strongly suggested that the MEU curriculum committee members should plan and execute training program for the faculty development for Medical and also suggested to conduct similar program for the Dental Faculty members.

The Committee members went through and discussed every aspect of the AQAR at length and showed its commitment and dedication to get the task completed before the deadline of 31st December 2019 for the submission of the AQAR 2018-19.

The academic activities calendar for 2020 was presented by the IQAC coordinator to its members and same was approved by all with few suggestions

The Members of the IQAC resolved that the infrastructural facilities of the Institution (Medical & Dental) needs renovation. The renovation shall include Pre Clinical and Para Clinical Departments.

For research to be the focus among faculty and students. It was recommended by all members that there was a need to focus on IPR and patent for which it was recommended by all members that the Dean Research organize workshops for IPR and patent at the earliest

It was also suggested that the University Journal publishing research articles work towards the registration of its print copy

The Committee members recommended for closing the gap for completion of registration of the Alumni Association which can help active engagement of the Alumni in various areas and encourage the present students by their participation. It was also suggested that the alumni connect be created at the website to enable alumni share their information / testimonials.

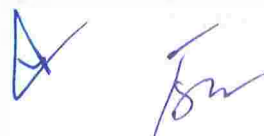
IQAC meeting 17.02.2020

It was brought to the notice to the Committee that the library received ISO certification and that it was proudly shared with the members. The committee further suggested / recommended to increase the Library holdings in terms of books and journals

Ten Classrooms are in the process of acquiring ICT facilities. It was also suggested that faculty members who were trained in e-content shall train other faculty members for the same.

The Members were appraised that an Interactive session on Lecture Capturing System mechanisms was held for the faculty members. Recommendations were made that Five to Ten lecture theatres are to be installed with the lecture capturing system.

The Members were appraised about that Internet Bandwidth facility of the University. Recommendations were made to still increase the Bandwidth in a phased out manner.



Solar Energy conversation process was planned and its execution is awaited. It was also suggested that sensor based energy systems like Automatic on / off lights shall be installed in the toilets and automatic sensors for street lights within the campus shall be looked into. The University can also look into acquiring battery operated Vehicle / Electric / Hybrid to be procured

It was brought to notice by the Dean Research that an Incubation centre needs to be created in the University. Private Agencies who are dealing with setting up such incubation centers shall be contacted and shall be brought for addressing the faculty members and University may register with e-yuva center – EYC, e-yuva center – BIRAC a government initiative.

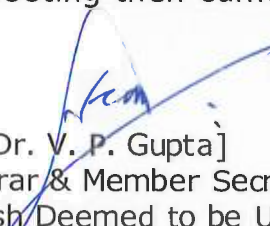
L. Any other Item of BOS:-

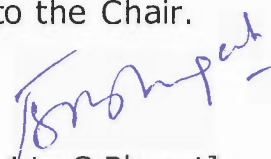
There were some suggestions were suggested by the members of the Board of Studies viz.,

1. Creation of Biostatistics unit
2. Stem Cells Committee
3. To Constitute a Committee for Brain Death

It was decided that a detailed proposals be submitted by the Dean, Research for constitution of Stem Cell Committee and creation of Brain Death. Similarly, it was also decided that the Medical Superintendent may submit the detailed about the Committee for Brain Death as it is being followed in other hospitals (Government and Private Hospitals), so that further action may be taken accordingly.

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


[Dr. V. P. Gupta]
Registrar & Member Secretary
Santosh Deemed to be University,
Ghaziabad


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