



SANTOSH

Deemed to be University

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

MINUTES OF THE 40th ACADEMIC COUNCIL HELD ON 09.10.2020 AT 3:00 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 39th MEETING OF THE ACADEMIC COUNCIL HELD ON 07.08.2020 AT 03.00 PM.

The Minutes of 39th meeting of the Academic Council held on 07.08.2020 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 39th MEETING OF THE ACADEMIC COUNCIL HELD ON 07.08.2020 AT 03.00 PM.

The Action Taken on the Minutes of 39th meeting of the Academic Council held on 07.08.2020 at 3.00 PM **were noted** by the Members of the Academic Council.

ITEM: 3

TO CONSIDER THE MINUTES/ RECOMMENDATIONS OF THE 48th MEETING OF THE BOARD OF STUDIES HELD ON 07.10.2020 AT 11:00 AM.

The Members of the Academic Council considered in detail the **recommendations / minutes** along with **AGENDA** of the Board of Studies held on 07.10.2020 at 11.00 AM and **approved** as under as :-

8. Course Methodology

To train medical professionals with required qualification in the concerned specialty.

9. Course Syllabus

- Whole Blood Collection, In-house as well as voluntary blood donation camp, blood donor counseling, blood component separation, TTI (Transfusion transmitted Infection), testing of the collected blood units, Blood grouping and cross matching, therapeutic phlebotomy for the patients having high Hb, IAT (Indirect Antiglobulin Testing) and DAT (Direct Antiglobulin Testing).

(18) TO CONSIDER TO START A FELLOWSHIP PROGRAMME ON "PEDIATRIC PULMONOLOGY" IN THE DEPARTMENT OF PAEDIATRICS, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI.

The members of the Academic Council after consideration the **minutes / recommendations** of the **Board of Studies** to start a fellowship programme in "**Pediatric Pulmonology**" in the Department of **Paediatrics** and **approved** the same as under: -

1. Name of the Programme

Fellowship Program on "Pediatric Pulmonology"

2. Duration of the Programme

One Year

3. Eligibility Criteria

M.D Pediatrics Qualified

4. Intake

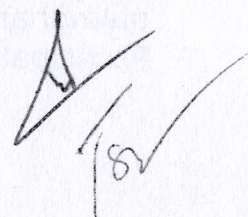
2 students per session

5. Course Schedule

Theory lectures and clinical posting /hands-on twice every week.

6. Course Fees

Rs.1,00,000 per candidate.



7. Course Director

Dr Mandeep Walia, Associate Professor, Department of Pediatrics

8. Course Methodology

Respiratory diseases constitute a significant burden of morbidity and mortality in India. The spectrum of childhood respiratory diseases in India has undergone considerable expansion over the past few decades. From a situation where infectious conditions of upper and lower respiratory tract predominated, there is currently a wide range of problems including congenital malformations, allergic conditions such as asthma & allergic rhinosinusitis, Tuberculosis & drug resistant TB, Bronchiectasis, genetic disorders like cystic fibrosis, primary ciliary disorders that are now recognized to be prevalent in the country in significant proportions.

A three-year postgraduate (MD) degree in pediatrics lends adequate exposure and skills to train a doctor in managing multitudes of pediatric diseases including respiratory. However, with a growing expanse in medical knowledge and recognition of many complex and chronic respiratory diseases that demand a more detailed and extensive clinical and investigative approach, which often is beyond the scope of postgraduation training

A super specialty program in the form of a fellowship training in pediatric pulmonology envisages to fulfil the felt need to build capacity in the country of specialists that have specialized training to recognize and provide a comprehensive care for children with complex, chronic respiratory morbidities

9. Course Syllabus

❖ SPECIFIC AIMS OF THE FELLOWSHIP PROGRAM

The Fellow must acquire an in-depth understanding of:

1. Normal lung growth, development and anatomy at both the macroscopic and microscopic level.
2. Normal lung physiologic functions.
3. Epidemiologic, clinical, and laboratory approach to the diagnosis of (congenital, and acquired, infective and non-infective disorders) pulmonary, airway and pulmonary vascular diseases of the pediatric age group.
4. To perform and interpret clinically relevant pulmonary investigations: Spirometry, ABG, Flexible Bronchoscopy, FeNO, Sweat Chloride testing, Overnight Oximetry
5. In-depth understanding and Interpretation of Diagnostic Lung and Airway imaging: Xray Chest, Chest CT Scan, Lung Ultrasound.
6. Medical and surgical therapeutic management and complications of the pulmonary disorders seen in the pediatric age group.
7. Participation and conducting research in pediatric respiratory disorders.

❖ **ROTATIONS DURING THE TRAINING:** Fellows will be posted to the following areas for variable periods to acquire a comprehensive exposure to pediatric pulmonary disease diagnosis & management and achieve the various aims of the training program.

A. Outpatient Clinical Services

- a. Pediatric Chest Clinic at Santosh Medical College hospital, Ghaziabad.
- b. Child Development Clinic

B. Inpatient Clinical Services at Santosh Medical College hospital.

- a. Pediatric wards for inpatient pediatric pulmonology consultations.
- b. Pediatric Intensive care unit (PICU)
- c. Neonatal Intensive care unit (NICU)
- d. Pediatric Emergency unit

C. Laboratory & Diagnostic Services

- a. Pediatric Respiratory Laboratory- Spirometry, FeNO, sweat chloride test, overnight oximetry
- b. Pediatric Flexible Bronchoscopy Laboratory
- c. Pediatric Radiology Services

❖ **TEACHING ACTIVITIES-** Fellows will participate in both intradepartmental & interdepartmental teaching programs during the training period

1. Clinical case presentation
2. Seminars/focused reviews
3. Journal Club
4. Intradepartmental Clinical Grand Rounds
5. Mortality meetings
6. Pediatric Pulmonary Clinico- Radiology Meets
7. Attend atleast one National Pediatric Respiratory Conference. Encourage participation in regional pediatric pulmonary CMEs/conferences.
8. Collaborative clinical meetings with other Pediatric Pulmonology units of the country & abroad.

❖ **RESEARCH ACTIVITIES:** Fellows would be encouraged to undertake independent research projects in pediatric pulmonology and also actively associate with the ongoing research activities. He/she would be expected to publish the results of his/her research in journals of repute.

❖ ASSESSMENT & EVALUATION

- a. **Internal Assessment-** Ongoing assessment during different rotations through Logbook of activities and informal assessment by incharges of the different divisions/units that the fellow will rotate through.
- b. **Exit Exam-** pass percentage will be 60% of the total.
 - Theory exam-** including Long & short Essay type questions
 - Practical exam-** One Long case & one short case, Viva, Radiology & investigations viva.

FELLOWSHIP PROGRAM FACULTY

1. CORE FACULTY

- a. **Fellowship Director- Dr Mandeep Walia**, Associate Professor, Department of Pediatrics, Santosh Deemed to be University, Ghaziabad, Delhi-NCR.

Dr. Mandeep Walia is trained in pediatric pulmonology from AIIMS-New Delhi and has done fellowship in Pediatric Respiriology, BC Children's Hospital, University of British Columbia, Vancouver, Canada. She has more than 12 years of experience as a pediatric faculty with adjunct role as a pediatric pulmonologist at several premier medical institutes of the country. She has performed more than 400 Flexible bronchoscopies in pediatric and neonatal patients. She has a vast experience in managing complex and chronic pediatric respiratory diseases of children and in running pediatric pulmonology services in these institutes.

- b. **Dr Alka Aggrawal**, Professor & Head, Department of Pediatrics, Santosh Deemed to be University, Ghaziabad, Delhi-NCR. Dr Alka Aggrawal is also incharge of the Child Development Clinic at Santosh Hospital.

- **INTER-DEPARTMENT FACULTY-** Faculty from the departments of Pediatric Surgery, Pathology, Radiology, Laboratory Medicine, ENT will be involved.

(19) TO CONSIDER TO START A FELLOWSHIP PROGRAMME ON "EMG & NCS" IN THE DEPARTMENT OF PHYSIOLOGY, SANTOSH MEDICAL COLLEGE & HOSPITAL, GHAZIABAD, NCR DELHI.

The members of the Academic Council after consideration the **minutes / recommendations** of the **Board of Studies** to start a fellowship programme in **"EMG & NCS"** in the department of **Physiology** and **approved** the same as under: -