

INDIA'S BEST MEDICAL COLLEGES

CHETTINAD HOSPITAL & RESEARCH INSTITUTE

RANKED



**BEST MEDICAL
COLLEGE
ALL INDIA**

RANKED



**BEST PRIVATE
MEDICAL COLLEGE
ALL INDIA**

RANKED



**BEST PRIVATE
MEDICAL COLLEGE
SOUTH ZONE**



www.care.edu.in

We are proud to announce that Chettinad Hospital & Research Institute (CHRI) of CARE has been ranked 30th under the category of “Best Medical College – All India”, 15th under the category of “Best Private Medical College – All India” and 9th under the category of “Best Private Medical College – South Zone”.

LETTER FROM THE EDITORIAL DESK

As India continues to see a small rise in COVID cases every day, we have more information on the covid-19 disease and more reasons to get vaccinated. Some people who have had COVID 19, Even less severe continue to have the symptoms for weeks, maybe even months. What these people have is being called the Post COVID-19 syndrome/condition or Long COVID-19. It was thought to be more common in people with severe underlying medical conditions, comorbidities and the elderly but even otherwise, many young, healthy individuals who had contracted the COVID-19 have reported symptoms persisting for several days to weeks even after hospital recovery and a negative RT-PCR.

Unlike some types of post-COVID conditions that only occur in people who had recovered from severe COVID, this can happen to anyone who has had covid-19 and having mild or no symptoms at first. Some of the common side effects noted among them include difficulty in breathing or shortness of breath, tiredness or fatigue even after a good night's sleep, difficulty in thinking or concentrating, cough, chest or stomach pain, headache, palpitations, joint or muscle pain, diarrhoea, sleep problems, mood changes like depression or anxiety, dizziness immediately after you stand up, change in smell or taste. However, people who had severe COVID-19 experience multiple organs being affected or autoimmune conditions for a longer time, with symptoms lasting weeks or months after COVID-19 illness. Imaging and other techniques have shown damage to the heart muscles, to the alveoli in the lungs, several months after covid-19 infection. Similarly, chances for strokes, seizures, and the risk of Alzheimer's and Parkinson's have increased. Also, rarely in cases involving children, multiple systems get affected and inflamed [multiple inflammatory syndrome (MIS)].

The duration of this Long Covid is not precise, and it has been reported to have affected patients for six to even nine months from the date of diagnosis. The ongoing studies will give a clear picture in the future and help solve this mystery. There is no specific treatment yet and currently, it is more of symptomatic treatment. People with these symptoms should get the necessary medical care required. The best way to prevent post-COVID conditions is by preventing Covid-19 itself and for that, getting vaccinated against COVID-19, including those who have had COVID-19 or a post-COVID condition (can be vaccinated three months later) is one of the best methods, along with social distancing using masks and washing hands regularly with soap.

There are some reports which have mentioned that people with post-COVID conditions have improved after vaccination; studies are needed to determine the effects of vaccination on post-COVID conditions. The CDC is working on how common these Post Covid conditions are, who is at the most risk, and the different durations in people and treatment. Until the ongoing rapid studies and research come with some answers, we must be more vigilant towards the prevalent Covid-19 disease and the relaxing lockdown regulations.



Specialist Speaks....

Alzheimer's and Medical Jurisprudence



Dr. Chandrika Mehta
Assistant Professor
Chettinad School of Law

Medical conditions causing loss of memory and cognitive abilities in humans has been a subject of concern for not just the medical but the legal fraternity as well. Questions concerning the causation of the disease are posed for both disciplines. While medical practitioners might be interested in unraveling the symptoms, stages of development and possible remedies for the disease, lawyers would be interested to know about decision-making abilities in such patients, emphasizing the concept of legal competence.

The very concept of legal competence stems from the decision making ability of an individual. Most laws across the globe consider a person's cognitive capacity as a characteristic of a 'sound mind'. These terms, however, are not part of the medical terminology. Yet an interesting point that has often been discussed and debated the world over pertains to the question of consent to and refusal of medical treatment by persons of 'unsound mind'/legal incompetence. In cases such as these, a power of attorney is charted out in favour of agents. However, the execution of such a power of attorney must be done by a person of a 'sound mind'. That brings us back to square one. There has been no fixed definition of what or rather who can be considered of a 'sound mind'.

The test for determining standards of legal competence has mostly been subjective and varies on a case to case basis. At times, Alzheimer patients might be found to be of 'sound mind' thus enabling their legal competence but at other times, the case might not be in their favour.

It is indeed a tough call, yet a great subject for research and development where medicolegal issues concerning Alzheimer can be examined at length.



OUTLOOK ICARE RANKINGS 2021

We are once again proud to announce that our Chettinad Academy of Research and Education has been ranked as one of the top colleges in India by the Outlook weekly news magazine's ICARE Ranking 2021. The Indian Centre for Academic Rankings and Excellence (ICARE) analyses these ranks every year. The Indian government approves ICARE as a rating and audit agency. Not one but three of our colleges have bagged a place in the top list. Chettinad Hospital & Research Institute has been awarded the 13th Rank, along with the Chettinad Dental College & Research Institute as all India's Best private institutes for medical and dental respectively. Chettinad School of Law was awarded the 29th position as all India's best private institutes for Law and Chettinad School of Architecture secured 24th position among private institutes of Architecture colleges. There are more than 275 private medical colleges in India, over 300 Dental colleges, and a remarkable 900 plus private law colleges in India! These ranks not only makes the Institution stand out but also makes its members, faculty, students, and staff proud to be a part of it.



OUTLOOK - ICARE RANKINGS 2021
INDIA'S BEST COLLEGES

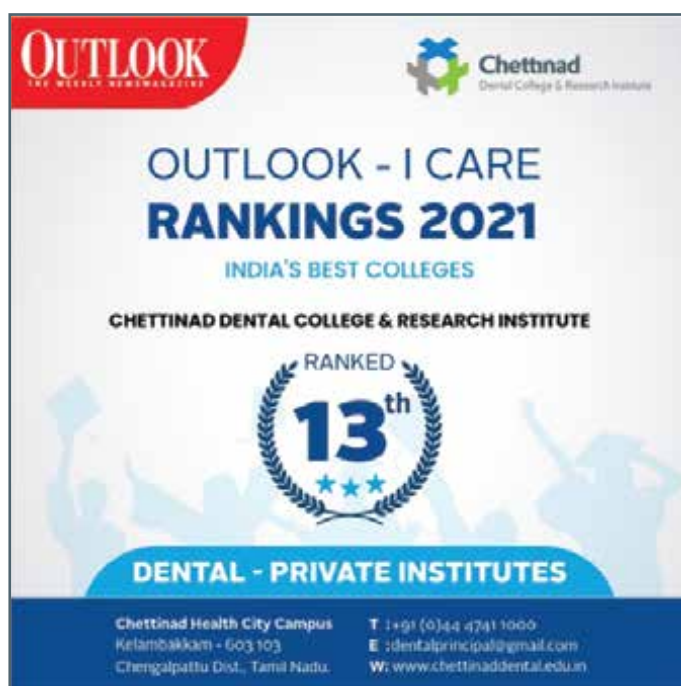
CHETTINAD HOSPITAL & RESEARCH INSTITUTE

RANKED 13th

MEDICAL - PRIVATE INSTITUTES

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OUTLOOK - ICARE RANKINGS 2021
INDIA'S BEST COLLEGES

CHETTINAD DENTAL COLLEGE & RESEARCH INSTITUTE

RANKED 13th

DENTAL - PRIVATE INSTITUTES

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E: dentalprincipal@gmail.com
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OUTLOOK - ICARE RANKINGS 2021
INDIA'S BEST COLLEGES

CHETTINAD SCHOOL OF LAW

RANKED 29th

LAW - PRIVATE INSTITUTES

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OUTLOOK - ICARE RANKINGS 2021
INDIA'S BEST COLLEGES

CHETTINAD SCHOOL OF ARCHITECTURE

RANKED 24th

ARCHITECTURE - PRIVATE INSTITUTES

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CAMPUS BUZZ

This section has the details of all events conducted at the Chettinad campus from 1st to 31st July 2021

National Doctors Day Celebration

Nation Doctors day is celebrated every year on the 1st of July in the memory of an Indian Physician and Bharat Ratna Dr. Bidhan Chandra Roy. Our Chettinad Hospital and Research Institute (CHRI) commemorated this day on 01.07.2021 via online mode. The program was hosted by Dr. Sabari Sridhar. O.T, Professor and HOD of the Department of Psychiatry, CHRI. Dr.Pitchai-Balashanmugam, Dean, CHRI welcomed the dignitaries, doctors, interns and medical students. This was followed by the welcome address by Vice-Chancellor, CARE Dr.T.Balasubramanian. The presidential address was given by Smt. Geetha Muthiah, Chancellor, CARE. She acknowledged the care, commitment, compassion and resilience of the doctors and congratulated all the doctors who worked selflessly treating more than 7500 COVID patients in our hospital which is the highest among private hospitals of the state. The honourable chief guest of the event was Padma Shri Dr.B.N.Gangadhar, President, Medical Assessment and Rating Board, NMC who is a former director of NIMHANS and icon of the mental health domain in India with many other credentials. The chief guest spoke about the achievements made by Dr. B. C. Roy in the field of medicine and insisted on the need to follow the model put forth by Dr.BC Roy. He hailed the doctors for their relentless efforts during the first and second waves of the COVID pandemic. He greeted all the postgraduates who contributed to treating COVID patients irrespective of their discipline. He thrust upon the importance of research in India and he envisaged more volumes of researches from the Institution. The celebration ended

with a vote of thanks by Dr.PrabhuMayakesavan, Director of Medical Services. The registrar, Ms. Jeyendra Saraswathi and Vice-Principal Dr.Arun Kumar and Dr.Jaganathan, Emeritus Professor of Radiology were present during the meeting. The event was joined by all faculties, doctors and postgraduate students.

Career Opportunities and Success Pathways in Nursing Arena

The College of Nursing, CARE has organized a career counselling programme from 28.06.21 to 1.07.21. The organizing chairperson was Prof.Dr.HepsibahSharmil S, Principal, Chettinad College of Nursing, CARE and the organizing secretary was Mrs.T.R.Manjula, Assistant Professor, Mental Health Nursing Department, CCN.





College of Nursing
Chettinad Academy
of Research and Education
(Deemed to be University)

Welcome you all to
VIRTUAL CAREER COUNSELING – 2021
Theme: Career opportunities and success pathway in Nursing arena

Date: 28.06.2021

SPEAKERS




Mrs. T R Manjula
Assistant Professor, CCN.
TNNMC REGISTRATION PROCESS - HIGHLIGHTS
01:00 P.M - 01:45 P.M



Mr. Isaiah Johnson
HR Manager,
Madras Medical Mission, Chennai
SHOWCASE YOURSELF IN INTERVIEWS - TAB TO DREAM JOB AND PREPARING CV
01:45 P.M - 03:15 P.M



Mrs. Ruksana Begam
Associate Professor, CCN
JOBS IN INDIA (WITHIN STATE AND INTERSTATE) PRIVATE SECTOR.
03:15 P.M - 04:00 P.M




College of Nursing
Chettinad Academy
of Research and Education
(Deemed to be University)


Welcome you all to
VIRTUAL CAREER COUNSELING – 2021
Theme: Career opportunities and success pathway in nursing arena

Date: 29.06.2021


SPEAKERS



Prof. S Subbulakshmi
Vice Principal, CCN
JOBS IN INDIA (WITHIN STATE AND INTERSTATE) GOVERNMENT SECTOR.
01:00 P.M - 01:45 P.M



Mrs. Vanitha K
Associate Professor, CCN
HIGHER STUDIES IN NURSING
01:45 P.M - 02:45 P.M



Dr. S. Hepsibah Sharmil
Principal, CCN
EMAIL ETIQUETTE FOR JOB
02:45 P.M - 04:00 P.M

Welcome you all to
VIRTUAL CAREER COUNSELING - 2021
Theme: Career opportunities and success pathway in Nursing arena
Date: 30.06.2021

SPEAKERS



Mr. A Vinayakam
Head, Learning and Development Division,
Immense Immigration and Education Services, Chennai.

OET - YOUR PASSPORT TO INTERNATIONAL CAREER
NURSING JOBS OVER SEAS - ENGLISH SPEAKING AND
NON ENGLISH SPEAKING COUNTRIES.
01:00 P.M - 03:00 P.M



Mr. Sukan Chinna Maran
Head-Operations,
Tamil Nadu Apex Skill Development Centre for Healthcare.

HEALTHCARE SECTOR SKILL
TRAINING COURSES BY TNASDCH -
AN OVERVIEW
03:00 P.M - 04:00 P.M

Welcome you all to
VIRTUAL CAREER COUNSELING - 2021
Theme: Career opportunities and success pathway in Nursing arena
Date: 01.07.2021

SPEAKER

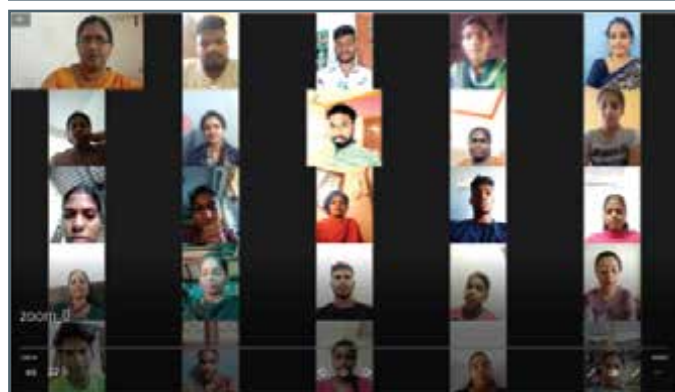


Ms. Lavanya Vinothkumar
Manager Business Development (South India),
British Council.

ORIENTATION ON IELTS
02:00 P.M - 03:00 P.M



Moderator
Mrs. T R Manjula
Assistant Professor, CCN,
Member, Career Counseling &
Placement Cell, CARE.



The speakers were Mrs. T. R. Manjula, Asst. Professor, CCN; Mr. Isaiah Johnson, HR -Manager, Madras Medical Mission, Chennai; Mrs. Rukana Begam, Asso. Professor; Prof. S. Subbulakshmi, Vice Principal; Mrs. Vanitha. K, Associate Professor, CCN; Mr. A. Vinayakam, Head, Learning and Development Division, IMIMS, Chennai; Mr. Sukan Chinna Maran, Head - Operations, Tamil Nadu Apex Skill Development Centre for Health Care, Chennai; Prof. Deepa Anbu, Head - Academics, Tamil Nadu Apex Skill Development Centre for Health Care, Chennai and Ms. Lavanya Vinothkumar, Manager Business Development (South India), British Council. The topics discussed were Tamil Nadu Nurses and Midwives Council Registration Process – Highlights, Showcase yourself in Interviews - Tab to Dream Job and Preparing CV, Nursing Jobs in India (within state and

interstate) Private Sector, Nursing Jobs in India (within the state and interstate) Government Sector, Higher Studies in Nursing, OET -Your Passport to International Career and Nursing Jobs Overseas English speaking and Non-English Speaking Countries and Healthcare Sector Skill Training Courses by TNASDCH - An Overview and Orientation on IELTS. A total of 108 participants including Final Year Nursing Students and Faculty Members attended the program.

Workshop on HIV-AIDS-a GFATM educational training program

The Chettinad College of Nursing (CCN), CARE has organized a workshop in collaboration with GLOBAL FUND FOR THE FIGHT AGAINST AIDS, TUBERCULOSIS AND MALARIA (GFATM) on 01.07.2021. The resource persons were Mrs.S.Ruksana Begam, M.Sc(N), Associate Professor; Mrs. Anbu, M.Sc(N), Nursing Tutor; Mrs. Priya, B.Sc(N), Nursing Tutor, CCN. The topics

College of Nursing
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Cordially invites you all for
ONLINE WORKSHOP
on
HIV - AIDS
as part of GFATM
For final year
B.Sc(N) & PBB.Sc(N)
1st July, 2021 9.00 A.M - 12.30 P.M (IST)

GFATM Trainers



Mrs. Anbu, M.Sc(N)
Nursing tutor



Mrs. Priya, B.Sc(N)
Nursing tutor



Mrs. Ruksana Begam, M.Sc(N)
Associate Professor


ZOOM ID : 932 7145 1183 **PASSWORD : 899561**

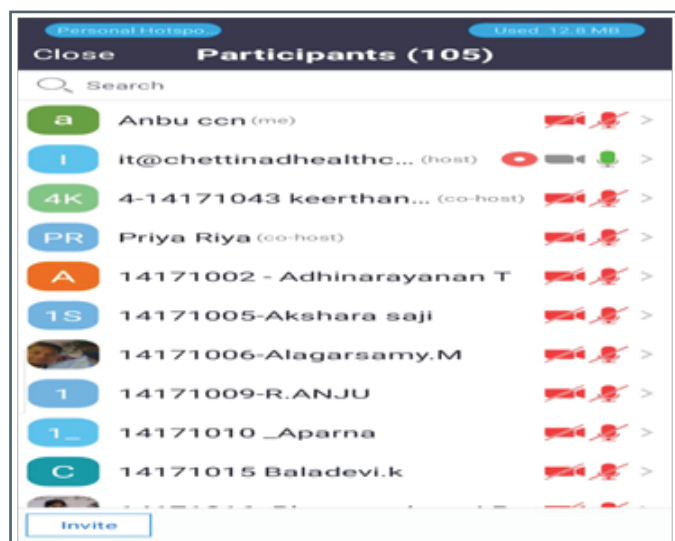
Organized by
GFATM Trainer,
Mrs. Ruksana Begam S,
Associate professor
Chettinad College of Nursing, CARE

The Principal
Chettinad College of Nursing, CARE
Chettinad Health City Campus,
Rajiv Gandhi Salai, Kelambakkam - 603 103,
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Magnitude Of HIV/AIDS India Scenario

- First HIV case in India was reported from **Chennai in 1986**
- First AIDS case was reported from **Mumbai in 1987**
- The Government of India estimates that about 2.40 million Indians are PLHIV (1.93-3.04 million) with an adult prevalence of 0.31% (NACO 2009).





clinical presentation of mucormycosis with relevant photos. Following this, the speaker discussed the samples that must be obtained from patients for laboratory diagnosis and the role of the microbiology laboratory in confirming the clinically suspected diagnosis of mucormycosis. Finally, the speaker summarized the management protocol of mucormycosis with recent updates. At the end of the lecture, there was an interactive session in which the participants shared their views on the topic. The participants of this CME were medical faculty, undergraduate students and postgraduate students of CHRI.

Guest Lecture on importance of Human Rights In Criminal Justice System

An online Guest lecture was hosted by Chettinad School of Law, CARE, on 3.07.2021 on the Importance Of Human Rights In the Criminal Justice System. The distinguished speaker for the session was Ms. Ridhima Dikshit, who is currently working as an Assistant Professor at National Law Institute University, Bhopal. She is also a member of the Executive council of the Indian Society of Criminology. The moderator for the event was Mr. Shanmuga Sundaram R, a student of Chettinad school of Law. Ms. Ruchi Sinha, HOD (I/C), Chettinad School of Law, delivered the welcome address and welcomed the speaker, students, and the participants.



discussed were introduction on HIV/AIDS, Symptoms, Management, Opportunistic infections (OIs) and Anti Retro Viral Therapy (ART), HIV/AIDS & the Nurses Role, Stigma and discrimination & Prevention of HIV Transmission and Complementary Therapies in HIV/AIDS & Positive living by PLHIV and Counselling on PLHIV. Demonstrations related to these topics were held. The session was very interactive. 105 participants attended the workshop, comprising of faculty members and students including final year B.Sc (N) & PBB.Sc (N).

COVID 19 and Mucormycosis: Laboratory Diagnosis and the Way Forward

The weekly CME of first week was organized by the Medical Education Unit of CHRI on 2.7.2021. The topic of discussion was COVID 19 and Mucormycosis: Laboratory Diagnosis and the Way Forward. Dr.Ambujavalli, Assistant Professor, Department of microbiology was the speaker of the CME. She discussed the classification of fungi and the morphology of a fungal cell and the



The speaker started the lecture by explaining the significance of human rights in the international criminal justice system. The speaker then gave an elaborate explanation of the Indian criminal justice system and the rules and regulations. Dr. Shyamtanu Pal, Associate professor, Chettinad school of Law, CARE, concluded the webinar by delivering the vote of thanks. The webinar ended with an interactive session that saw the enthusiastic involvement of the students and other participants in asking questions and getting their doubts clarified by the speaker. A total of 50 participants attended the event.

Geriatric Assessment and Rehabilitation

The Chettinad School of Physiotherapy, CARE organized a lecture on 'Geriatric Assessment and Rehabilitation' on 03.07.2021. Mr. Satyam Bhodaji, Assistant Professor, MGM School of Physiotherapy, Aurangabad, Maharashtra is the resource person for this session. The primary objective of this conference is to sensitize various problems due to ageing with a thorough assessment and Physiotherapy management and its impor-

Cordially invites you to the E- Guest lecture on

GERIATRIC ASSESSMENT AND REHABILITATION



Resource Person
Mr. Satyam Bhodaji
MPT (CBR), COMT, CFMP, MIAP
Assistant professor,
MGM School of Physiotherapy,
Aurangabad.



Moderator
Mr. T. Alagappan
Senior Sports Physiotherapist,
Sports Medicine Department,
CHRI, Chennai.

03 JUL 2021
10.30 AM ONWARDS

Organized by
Chettinad School of Physiotherapy, CARE

ZOOM ID : 872 4213 0229
PASSWORD : 377503

Geriatric Assessment & Rehabilitation



Dr. Satyam Bhodaji
MPT (CBR), COMT, CFMP, MIAP
EX Head of FORT, Vijaya and ortho trauma center, Deogiri, Karnataka
EX Head of research DE: KJ SPARC, Pondicherry
EX Physio: Govt cricket Association, Porvair, Goa
Assistant Professor, DPT of Community Physiotherapy, MGM School of Physiotherapy, Aurangabad Maharashtra



tance. The speaker discussed the benefits of using the key principles in geriatric assessment, Structured supervised intervention methods and certain therapeutic techniques with precautionary measures of application applied in geriatric rehabilitation. A total of 85 participants attended the meeting.

CME- Fascial Spaces of Head And Neck

An online CME was conducted by the Department of Anatomy, CHRI on 05.07.21 on the topic –‘Fascial Spaces of Head And Neck’.The organizing Secretary of the event was Dr.Y.Janani, Assistant Professor, Department of Anatomy, CHRI and The speaker was Dr.K.SubaAnanthi, Associate Professor, Department of Anatomy, Indira Gandhi Medical College and Research Institute, Kadirkamam, Pondicherry.The space of the head and neck is a crucial topic to be understood. The spaces are classified and described by various authors in different ways and the speaker efficiently delivered the contents. The participants found the session very informative and found the related clinical presentations very interesting. A total of 239 participants attended the event.

Cordially invite you all for the e-CME on

Fascial Spaces of Head and Neck

 Date : 05th July, 2021  08:30 AM - 10:15 AM



Speaker
Dr. K Suba Ananthi
Associate Professor,
Indira Gandhi Medical College and
Research Institute, Puducherry.



Organizing Secretary
Dr. Y Janani
Assistant Professor,
Department of Anatomy
CHRI.

Registration link : <https://bit.ly/3qHA3au>

 **ZOOM ID : 890 9859 4862**
PASSWORD : 985894

Organized by:
Department of Anatomy, CHRI



CME - Anatomy of Extra-ocular Muscles

A CME was conducted by the Department of Anatomy, CHRI on 06.07.2021 on the topic- Anatomy of Extra-ocular Muscles. The speaker, Dr. M. Hassan Mohammad, who delivered the lecture was an international faculty with 16 years of experience in teaching undergraduate medical students in Libya and Saudi Arabia and he is a Lecturer at, Department of Anatomy, Northern Border University, Arar, Saudi Arabia. The organizing secretary was Dr. S. Manickam, Assistant Professor of Anatomy, CHRI. Extraocular muscles of the eyeball are important structures that need a good understanding to correlate their function and clinical features. The speaker introduced the topic and discussed the topic with a detailed presentation and relevant pictures. The speaker engaged the students by posing questions and ensured that the session was interactive and productive. A total of 199 students attended the guest lecture.

Cordially invite you all for the e-CME on

Anatomy of Extraocular muscles

 JULY 06, 2021  01:15 P.M - 02:15 P.M



Guest Speaker
Dr. M. HASSAN MOHAMMAD
Lecturer,
Department of Anatomy,
Northern Border University,
Arar, Saudi Arabia

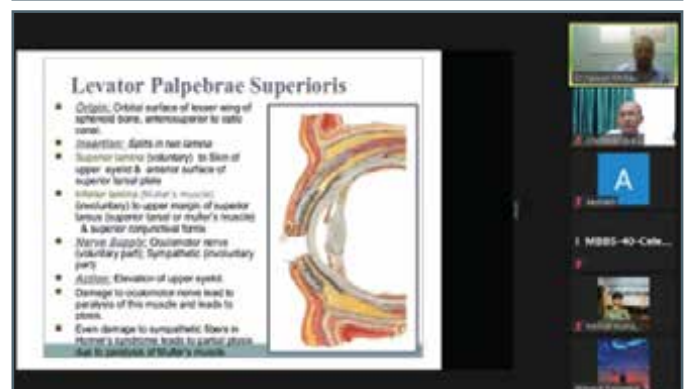


Organizing Secretary
Dr. S. MANICKAM
Assistant Professor,
Department of Anatomy,
CHRI

Registration link: <https://bit.ly/3ybdopm>

ZOOM ID : 852 8268 2650
PASSWORD : 729130

Organized by: **Department of Anatomy, CHRI**



Safe Motherhood initiatives in India - Hopes and reality

The Department of Obstetrics and Gynecology, CHRI observed Safe Motherhood week and organized a CME on Safe Motherhood Initiatives In India-Hopes And Reality on 07.07.2021. The speaker of the CME was Dr. Sadhana Gupta, director and senior consultant of obstetrics and gynaecology, Jeevan Jyothi Hospital and Medical Research Centre, Infertility centre, founder trustee of Jeevan Jyothi trust, Gorakhpur. The program started with a welcome address by Dr. Anuradha, Professor & Head, Department of Obstetrics and Gynecology, CHRI. Dr. Jennifer Britto, J, Assistant Professor, Department of Obstetrics and Gynecology introduced the speaker and moderated the session. The speaker talked about practices to save mother and newborn against Covid-19. She highlighted various strategies for the implementation of safe motherhood practices. The CME was attended by a total of 200 participants including the faculty, postgraduates of the Obstetrics and Gynecology Department and the undergraduates (MBBS) of CHRI. The CME ended with a vote of thanks





Hospital & Research Institute
Chettinad Academy
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Hybrid e-CME

Safe Motherhood initiatives in India hopes and reality

📅 07th July, 2021 ⌚ 02:00 P.M - 04:00 P.M

| | |
|---|--|
|  <p>Welcome Addres Prof. Dr. Anuradha HOD, Department of OBG, CHRI.</p> |  <p>Speaker Dr. Sadhana Gupta Director and Senior Consultant, Ob Gyn, Jeevan Jyothi Hospital and Medical Research Center, Jeevan Jyoti Advanced Fertility Center, Founder Trustee Jeevan Jyoti Trust, Gorakhpur.</p> |
|  <p>Introduction of Speaker Dr. Jennifer Britto Assistant Professor, OBG, CHRI.</p> |  <p>Vote of thanks Prof. Dr. Vijayalakshmi Professor, Department of OBG, CHRI</p> |

Organised by: **Department of OBG, CHRI.**



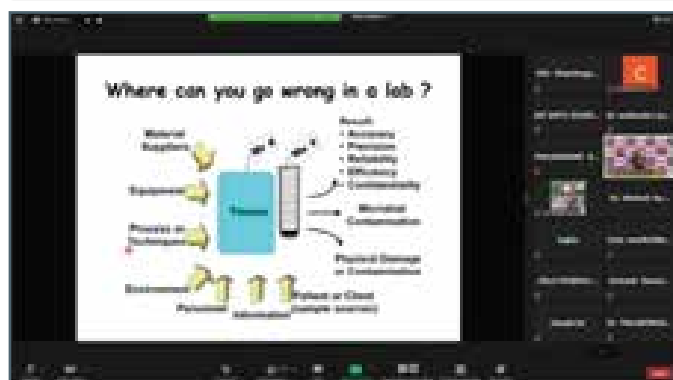
by Prof. Dr. Vijayalakshmi. In addition, health education was delivered to the patients in OPD of the OBG department on Safe motherhood practices. Antenatal mothers and women of reproductive age were educated about COVID-19 in pregnancy and high-risk pregnancies like Anemia complicating pregnancy, gestational hypertension, gestational diabetes mellitus etc. Posters and charts were presented on the topic to the OPD patients and their attenders.

Superficial mycosis

The Dept. Of Microbiology, CHRI conducted a guest lecture titled 'Superficial mycosis' on 07.07.21. The speaker of the event was Dr. Rungmei. S.K Marak, Professor, Dept. of Microbiology, SGPGI Lucknow. The speaker discussed the different types of superficial, cutaneous and mucocutaneous fungal infections, clinical features and diagnosis of these lesions, lab diagnosis and treatment and the way forward. The lecture also covered an overview of these infections in an Opportunistic setting. The lecture was attended by the faculty, PG and UG students. The talk was followed by an interactive Q and A session.

International Diagnostic Colloquium -2021

Department of Biochemistry, CHRI organized an International Diagnostic Colloquium 2021 on 09.07.2021. The inauguration of the conference started with the welcome address by Dr. S. Sumathy, Professor & HOD, Department of Biochemistry. It was followed by the address by Prof. T. Balasubramanian, Vice-Chancellor, CARE and Dr. Pitchai Balashanmugam, Dean, CHRI. Dr. Karpagavel L, Professor, Department of Biochemistry, CHRI was the organising secretary and SK. Murugavel, Assistant Professor, Department of Biochemistry, CHRI was the Joint organizing secretary for the event. The International conference started with the first scientific session by renowned faculty, Dr. Shanmugapriya C, Professor and Head, Department of Biochemistry, Government Thoothukudi Medical College & Hospital, Thoothukudi who addressed 'How to choose an analytical method for your laboratory-based on Performance - Method verification in a nutshell'. The second speaker of the scientific session was Dr. Chakravarthy Narasimhachar Srinivas Director- Dept of Laboratory Medicine, Transplantation Immunology and Molecular laboratory. MIOT International Hospitals,



Department of Biochemistry

Virtual Conference

INTERNATIONAL DIAGNOSTIC COLLOQUIUM-2021

Theme:

Laboratory quality management

09.07.2021

08.00 AM ONWARDS

AWAITING TNMC CREDIT HOURS

PEER GROUP MEAN

The group mean is the average of the values of the members of the group. It is the most common method of summarizing a set of data. It is the most common method of summarizing a set of data. It is the most common method of summarizing a set of data.

09.07.2021

08.00 AM ONWARDS

AWAITING TNMC CREDIT HOURS

Chennai, highlighted on 'Cautious Relevant Information Timely Conveyed ALerts in Laboratory medicine'. The next sessions was by Dr. Ramadesikan V K, Consultant, Clinical Biochemistry, SMF spoke on 'How to Read and Interpret EQAS reports- Basics' and Dr. Anjali Singh, Medical Advisor, Bio-Rad Laboratories India (Pvt) Ltd., on 'Measurement Uncertainty' which was followed by lunch. The chronicled sessions on the topic 'QC Lot Crossover and Laboratory Risk Management' by the International speaker Nico Vandepoele, Scientific and Professional Affairs Manager, Bio-Rad Laboratories Quality Systems Division, California and John Yundt-Pacheco Senior, Principal Scientist Quality Systems Division (Irvine, CA) Bio-Rad Laboratories Hercules, California. A laboratory quiz in the form of connexions was conducted and the winners were given certificates. The event attracted around 370 Participants, from all over India comprising both Government and Private medical colleges & Laboratory professionals.

Weekly CME- Scorpion Sting

The weekly continuing medical education (CME) was organized by Medical Education Unit, CHRI on 09.07.21. The speaker of the presentation was Dr V R Mohan Rao, Professor & Head of the Department, Department of General Medicine, Chettinad Hospital and Research Institute (CHRI). The speaker began the CME by outlining the prevalence of scorpion stings in this part of the world. A note on the mortality due to scorpion stings were added. This was followed by the discussion on the classification of the types of scorpions and mentioning the risk population i.e. farmers, involved in scorpion stings. The pathophysiology of scorpion stings was described and correlated with its clinical presentation. Complications of scorpion stings and the medical protocol followed to manage scorpion stings and prevention of scorpion stings were discussed. There was an interactive session at the end of the talk in which the participants clarified their doubts on the topic. The CME was attended by faculty and students of CHRI.

SCORPION STING

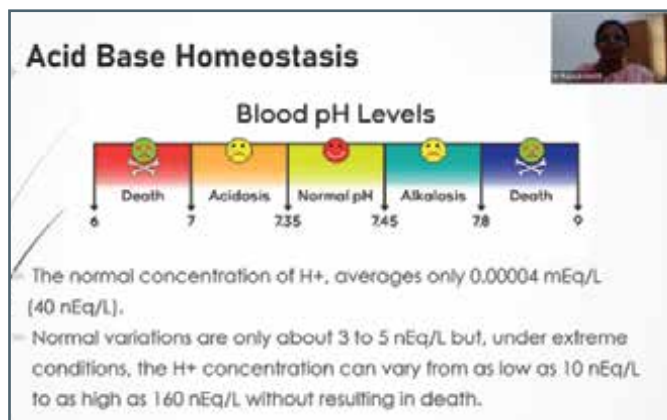
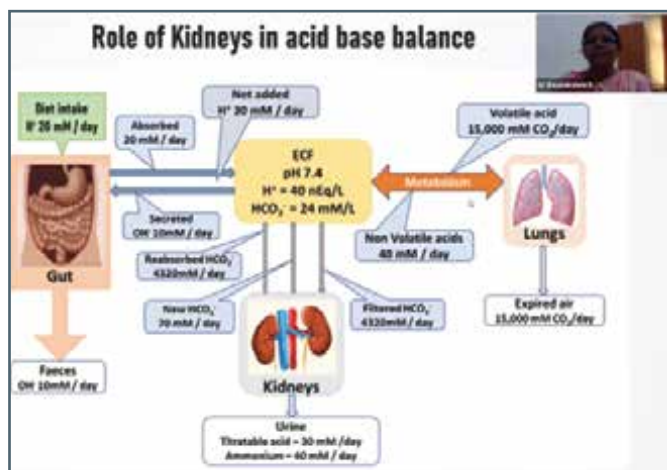
PROF DR V R MOHAN RAO
HOD
DEPT OF GENERAL MEDICINE
CHRI





Role Of Kidney In Acid-Base Balance

The Department of Physiology, CHRI organized a guest lecture on the topic 'Role Of Kidney In Acid-Base Balance' on 10.07.21. The speaker of the event was Dr. Rajalakshmi R, Professor and HOD, JSS Medical College, Mysuru, Karnataka. Following a warm welcome



by the Head of the Department of Physiology, CHRI, the speaker began her session with an overview of how the body maintains the pH within a narrow physiological range despite routine biological activities resulting in near-constant addition/loss of protons from the body. She also elucidated the mechanisms involved in the acidification of urine associated with the formation and reabsorption of bicarbonate ions by renal tubular epithelium, in a clear, concise and simple manner. A total of 233 participants attended the guest lecture. Students received a precise understanding regarding how to go about recognizing acid-base imbalance at the bedside and the investigations required to confirm the cause, type of disorder apart from confirming if compensatory mechanisms have come into play.

Guest Lecture - Autopsy Techniques

The Department of Forensic Medicine, CHRI organized a guest lecture on 10.07.21 on the topic 'Autopsy Techniques'. The speaker of the event was Dr. Fremington K. Marak Professor & Head, Department of Forensic Medicine, Indira Gandhi Medical College & Research Institute, Puducherry. The moderator of the lecture was Dr. M. Sreenivasan, Professor, Department of Forensic Medicine. The speaker discussed in detail the techniques of the autopsy. He also discussed medico-legal aspects of autopsy and explained with real case scenarios. A total of 160 participants attended the lecture. The participants found the lecture useful and informative.



Hospital & Research Institute
Chettinad Academy
of Research and Education
(Deemed to be University)

Autopsy Techniques

📅 10th July, 2021 ⌚ 02:30 P.M - 04:00 P.M



Speaker
Dr. Fremington K. Marak, MBBS., MD.,
Professor & Head,
Department of Forensic Medicine,
Indira Gandhi Medical College & Research Institute,
Puducherry.

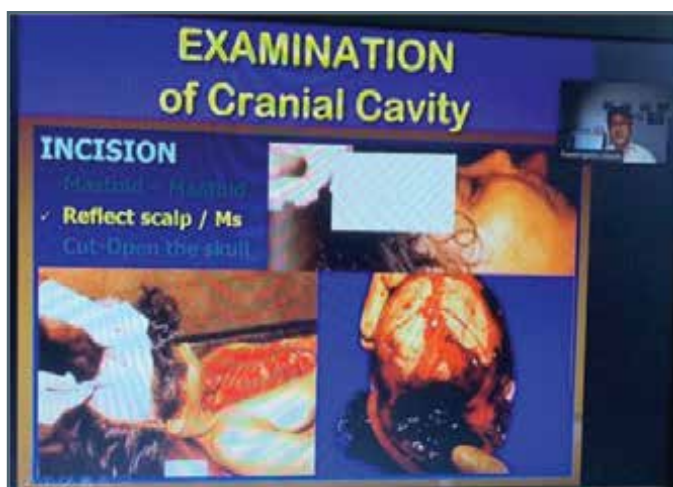


Coordinator
Dr. M. Sreenivasan
Professor,
Department of Forensic Medicine,
CHRI.



Zoom ID : 872 2365 4813
Passcode : 920848

Organised by: **Department of Forensic Medicine, CHRI.**



Guest lecture on 'Therapy of Myocardial Infarction'

The Department of Pharmacology, CHRI organized a guest lecture on 'Therapy of Myocardial Infarction' on 13.07.21. The Guest Speaker of the lecture was Dr. V. Sakthivadivel, Associate Professor and HOD In-charge, Department of General Medicine, AIIMS, Hyderabad. Dr. A. Ruckmani, Prof & Head, Department of Pharmacology, CHRI gave a brief introduction about the topic. Dr. M. Duraivel, Asst. Professor introduced the speaker. The speaker covered the types of myocardial infarction, its pathogenesis, biomarkers, ECG changes and the therapy in detail. The lecture was very elaborate, informative and interactive. After the lecture, the session was opened for questions from the participants. Faculty, Postgraduates and undergraduate students attended the guest lecture.



Hospital & Research Institute
Chettinad Academy
of Research and Education
(Deemed to be University)

Therapy of Myocardial Infarction

Date : 13.07.2021 | Time : 02.00 pm - 03.00 pm



Speaker
Dr. V. Sakthivadivel
Associate Professor & HOD Incharge,
Dept. of General Medicine,
AIIMS, Hyderabad.



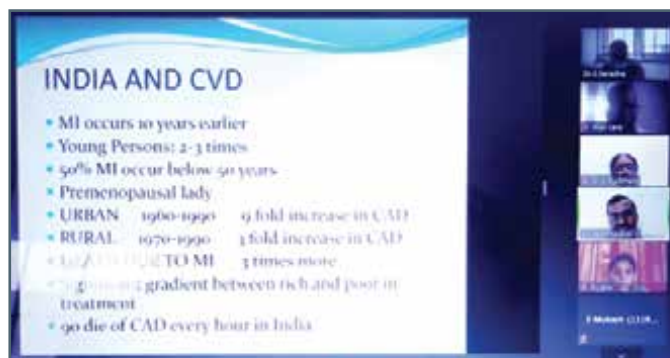
Moderator
Dr. A. Ruckmani
Professor & Head,
Dept. of Pharmacology, CHRI.



Zoom ID : 933 6330 7595
Password: 782965



Organized by: **Dept. of Pharmacology, CHRI**



IQAC – CARE conference on Design and Development of MOOC for faculty members and students of the Higher Education Institute

Under the banner of IQAC – CARE, a conference on Design and Development of MOOC for faculty members and students of the Higher Education Institute was conducted to create awareness about various MOOCs platforms, design and development of educational e-content, and guidelines to be followed for an NPTEL – SWAYAM as a course provider on 13.07.21. The organizing chairperson of the event was Dr. Arun Kumar Radhakrishnan, Vice Principal, CHRI and IQAC Coordinator and the Organizing secretary of the event was Dr. Ahamed Basha Abdul Bari, Professor, Physiology, CHRI. The event was moderated by Dr. Brinda S, Associate Professor, Physiology. The inaugural



CARE for a one day conference on
“Design & Development of MOOCs for faculty members & students of Higher Education Institute”
Date: July 13, 2021

SESSION 1
Scientific Session
Time : 09.30 am - 12.30 pm
Mode : Zoom
Zoom ID : 824 5090 0278
Passcode : mooc

SESSION 2
Discussion Round
Time : 02.00 pm - 03.00 pm
Venue : Atrium, College Block

Host
Dr. Brindha S



SPEAKERS - Scientific Session



Dr. Jayakrishnan Warriem, Ph.D.
Senior Scientist, NPTEL, IIT Madras
Title: “Evolution and growth of SWAYAM-NPTEL MOOCs”

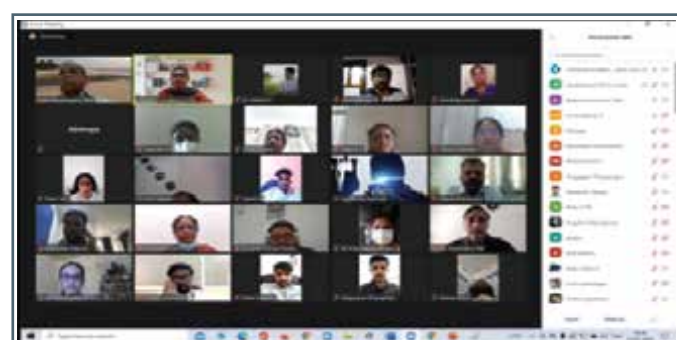



Dr. Sahana Murthy, Ph.D.
Professor, Interdisciplinary Program in Education Technology, IIT Bombay
Title: “Creating quality content for online training: The LCM approach”



P. Manickam, Ph.D.
Scientist - E, Head of Division of Online Courses ICMR-National Institute of Epidemiology, Chennai
Title: “Design and Delivery of health-related MOOCs: NIE's experience”

Registration is free but mandatory For registration and further details <https://care.edu.in/college-news-events/>





Topic: Creating quality content for online training - The LCM approach
Dr. Sahana Murthy, PhD

- ✓ Professor in the Educational Technology interdisciplinary program at IIT Bombay.
- ✓ One of her main areas of research is Teacher Use of Educational Technology, which focuses on effective integration of technology and pedagogy.
- ✓ Project TUET has led to the design, implementation and evaluation of models for large-scale faculty professional development in blended modes.
- ✓ One such model, the learner-centric MOOC (LCM) model has formed the basis for online and blended courses on SWAYAM and NPTEL platforms and has seen the participation of several thousand instructors. She has conducted faculty development programs for college instructors, and training faculty in various organizations.
- ✓ Before joining IIT Bombay, she was a post-doctoral researcher in Physics Education Research at Rutgers University and MIT, USA.
- ✓ She received her Bachelor's degree from the University of Mumbai, India, Master's degree in physics from IIT Bombay, and PhD in physics from Rutgers University.

Session 2



Topic: Design and delivery of health related MOOCs : NIEs experience
Dr. P. Manickam Ponnaiah, PhD

- ✓ Scientist E (Epidemiology) Head, Division of Online courses, Chennai, ICMR-National Institute of Epidemiology ICMR-(NIE)
- ✓ He heads the division of Online Courses and co-ordinates development and running of Massive Open Online Courses (MOOCs) in health research.
- ✓ He has been serving as core faculty for two-year Masters in field epidemiology/public health programmes of ICMR School of Public Health since 2001.
- ✓ He teaches in several short-term training courses.
- ✓ His core areas are (a) teaching and training in field epidemiology (b) public health preparedness and surveillance during mass gatherings (c) programme evaluation (d) chemotherapeutic trials for additional medicine.

Session 3

address was given by the honourable Vice Chancellor – Dr. Balasubramanian Thangavel, CARE. The scientific session was started by Jayakrishnan Warriem, PhD. Senior Scientist, NPTEL, IIT Madras, India on ‘Evolution and growth of SWAYAM-NPTEL MOOCs’ and the second lecture was given by Sahana Murthy, PhD. Professor, Interdisciplinary Program in Education Technology, IIT Bombay, India on ‘Creating quality content for online training: The LCM approach’ and the third lecture by P. Manickam, PhD. Scientist – E, Head of Division of Online Courses, ICMR-National Institute of Epidemiology, Chennai, India. on ‘Design and Delivery of health-related MOOCs: NIE's experience’. It was followed by the valedictory function and vote of thanks by Dr. Hepsibah S, Principal, Chettinad School of Nursing. More than 250 faculty members of CARE attended the conference.

CCN -Career Opportunities and Success Pathways in Nursing Arena

Chettinad College of Nursing, CARE organized a career counselling event on the theme ‘Career Opportunities and Success pathway in Nursing Arena’ on


Chettinad College of Nursing

Welcome you all to


VIRTUAL CAREER COUNSELING - 2021

15 July 2021 02.00 PM - 03.00 PM

THEME : CAREER OPPORTUNITIES AND SUCCESS PATHWAY IN NURSING ARENA.
TOPIC : NHS UK CAREER ORIENTATION



Resource Person
Ms. G. Shiny Charles
Project Lead International Placements
SIMS Healthcare Pvt Ltd, Hyderabad.

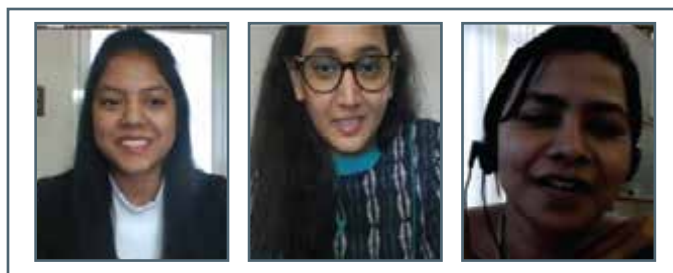


Moderator
Mrs. T. R. Manjula
Assistant Professor, CCN
Member, Placement Cell, CARE.

Organized by
**Chettinad College of Nursing,
Career Counseling and Placement Cell, CARE.**

Chettinad Health City Campus, Rajiv Gandhi Salai,
Kelambakkam – 603 103, Tamil Nadu, India.

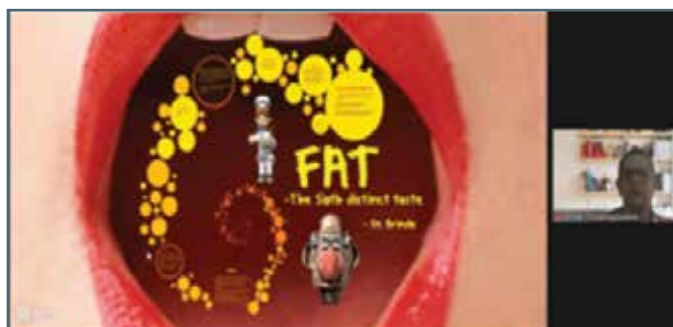
The Principal
E principalccn@care.edu.in
T +919941204000



15.7.21. The programme started with the welcome address by Mrs. Manjula. T.R, Member, Placement Cell, CARE. The speakers were Ms.Shiny Charles, Project lead, International Placement and Ms.DeeptiGaddam, Managing Director, SIMS Healthcare, Hyderabad. Ms.Shiny discussed the topic 'NHS UK Career Orientation' and gave an orientation on UK Placement Program, Vertical courses offered by SIMS Healthcare, Eligibility criteria for UKPP Process, Nurse 360 Course and benefits for Nurses who are planning for Job overseas. Ms.Deepti highlighted the importance of developing skills to shine as highly competent nurses. The total number of participants were 106 which included final year nursing students and faculty members. The speakers were felicitated by Dr.S.HepsibahSharmil, Principal, CCN, CARE.

Fat – Oleogustus, The Sixth Distinct Taste

The weekly CME was organized by the Medical Education Unit of CHRI on 16.07.21. The speaker was Dr Brinda S, Associate Professor, Department of Physiology, Chettinad Hospital and Research Institute.



The speaker gave an overview of the already existing knowledge of taste physiology. This was followed by an update on the functional anatomy of the taste pathway. The criteria that must be fulfilled for a taste modality to be accepted as a primary taste sensation was also discussed. Following this, the speaker presented an update on the recently accepted sixth primary taste sensation i.e. fat – Oleogustus and the chemical signalling associated with the relay of this taste modality to the taste centre in the central nervous system. There was an interactive session following the conclusion of the lecture in which the participants clarified their doubts on the topic. The participants were teaching faculty and postgraduates of CHRI.

Use of Animals in Medical Research and Animal Handling

The Department of Pharmacology, Chettinad Hospital and Research Institute organized an E-Guest lecture on 'Use of Animals in Medical Research and Animal Handling' on 17.7.2021. The speaker was Dr.Venu Gopala Rao Konda, Assistant Professor, Dept. of Pharmacology,



Hospital & Research Institute
Chettinad Academy
of Research and Education
(Deemed to be University)

Use of Animals in Medical Research and Animal Handling

Date : 17.07.2021 | Time : 02.00 pm - 03.00 pm

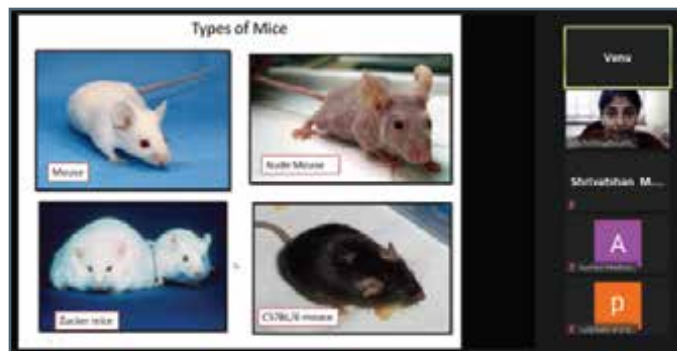


Speaker
Dr. Venu Gopala Rao Konda
Assistant Professor,
Department of Pharmacology,
Maulana Azad Medical College,
New Delhi.



Moderator
Dr. S. Saradha
Associate Professor,
Dept. of Pharmacology,
CHRI.

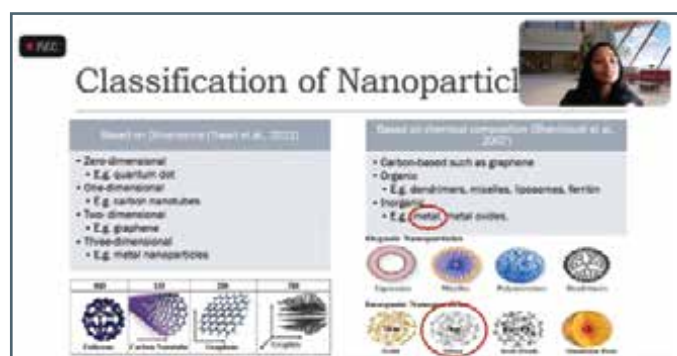
Organized by: **Dept. of Pharmacology, CHRI**



Maulana Azad Medical College, New Delhi. The moderator was Dr.S.Saradha, Associate Professor, Department of Pharmacology, CHRI. The speaker discussed the history of animal usage in medical research, the need to use animals in research and also detailed the role of lab animals like mice, rats, hamsters, guinea pigs, rabbits, monkeys, birds and zebrafish. The role of CPCSEA and the Institutional Animal Ethics Committee was also discussed. Video on animal handling was also played. A total of one hundred and twenty-seven (127) participants attended this guest lecture. The participants were II year MBBS students, MD pharmacology postgraduates and faculty of the Department of Pharmacology.

International Conference on Pharma Industry 4.0

A two days virtual international conference on "Pharma Industry 4.0" was organized by Chettinad School of Pharmaceutical Sciences, CARE on 16 and



School of Pharmaceutical Sciences, CARE
Cordially invite you to the
VIRTUAL INTERNATIONAL CONFERENCE ON PHARMA INDUSTRY 4.0
16th & 17th July, 2021 | 09:30 am – 04:30 pm

DAY 1 – 16 JULY 2021 : RESOURCE PERSONS

| | |
|---|---|
|  Dr. MANOHARAN MURUGESAN Research Scientist, Amneal Pharmaceuticals, NY, USA 09.30 AM |  Dr. MAY FLORENCE DELA CRUZ BACAYO Post Doctoral Fellow, Department of Pharmacy, Faculty of Pharmacy, University of Malta 10.30 AM |
| Topic: Technological advancement in the pharmaceutical industry and growing opportunities | Topic: Research Integrity |
|  Dr. MAHENDRAN SEKAR Associate Professor, Faculty of Pharmacy & Health Sciences, Universiti Kuala Lumpur Royal College of Medicine Perak, Malaysia 11.30 AM |  Dr. S M SIVAKUMAR Assistant Professor, College of Pharmacy, Jazan University, Jazan, Kingdom of Saudi Arabia 12.30 PM |
| Topic: Promising Nutritional Fruits Against Cardiovascular Diseases: An Overview of Scientific Evidence and Understanding their Mechanism of Action | Topic: Molecular prognosis of SARS-CoV-2 infection and monoclonal antibodies are their target specific therapeutic implication and challenges, a longway progression |

DAY 2 – 17 JULY 2021 : RESOURCE PERSONS

| | |
|---|---|
|  Dr. K E RAVIKUMAR Senior Program Director, Project Data Sphere, Cary, North Carolina, United States. 09.30 AM |  DR. VIJAYALAKSHMI CHELLIAH Principal Scientist, Quantitative Systems Pharmacology, Certara, UK 10.30 AM |
| Topic: Towards Pharma 4.0 – Artificial Intelligence Driven automation the path forward | Topic: Quantitative Systems Pharmacology in Drug Discovery and Development |
|  Dr. SHEBA RANI NAKKA DAVID PAPRSB Institute of Health Sciences, Universiti Brunei Darussalam, Brunei Darussalam 11.30 AM |  Dr. FAZLINA MUSTAFFA Lecturer, Department of Pharmacology, AIMST University, Malaysia. 12.30 PM |
| Topic: Frontiers in Nanomaterials | Topic: Advanced Research in Natural Products for COVID 19 Pandemic Control |

AFTERNOON SESSION – 2:30 PM – 4:30 PM – SCIENTIFIC ORAL PRESENTATION

Organised by: **Chettinad School of Pharmaceutical Sciences, Chettinad Academy of Research & Education, Chennai.**

17.07.2021. The dean of the School of Pharmaceutical Sciences Dr.K.Lakshmi welcomed the gathering with a pleasant speech and gave a brief overview of the event. The conference was inaugurated by the honourable Vice-Chancellor, CARE, Dr. T. Balasubramanian. The conference had a multitude of resource persons from various horizons of the world delivering lectures on the latest advancements of pharmaceutical sciences. The resource persons were from the US, UK, Malta, Saudi Arabia, Brunei Darussalam and Malaysia and they enriched the participants with a meticulous presentation matching their time zones. The dynamic explanations by the intellectuals left our 120 participants from more than 20 different colleges across the country, inquisitive during the concourse of this interactive session. There were separate sessions for the scientific oral presentations by young researchers from other pharma institutes. Best posters were announced by the judges and suitably awarded with prizes and certificates. The valedictory note was given by Dr.R.Murugesan, Director – Research and vote of thanks by Dr.G.P.Pazhani, Associate Professor, Faculty of Allied Health Sciences, CARE.

First Golden Minute – Neonatal resuscitation program

The Department of Neonatology, Chettinad Hospital & Research Institute organized a workshop on First Golden Minute – Neonatal resuscitation program in collaboration with the Indian Academy of Pediatrics and the National Neonatology forum on 17.7.21. The instructors were Dr.Narmada, Senior Consultant, Pediatrics, Nalam Hospital, Vellore; Dr. Shaik Mohd Shafi Jan, Associate Professor, Neonatology, Sri Ramachandra Institute of Higher Education & Research; Dr. Usha Devi R, Associate Professor, Neonatology, Chettinad Hospital & Research Institute; Dr.Abiramalatha T, Associate Professor, Neonatology, Sri Ramachandra Institute of Higher Education & Research; Dr.Thinesh Kumar J, Assistant Professor, Neonatology, Sri Ramachandra Institute of Higher Education & Research; Dr.Madhuri Prabhu, Senior Consultant, Pediatrics, Motherhood Hospital, Chennai and Dr.Jenifer Antony Jeyaraj, Professor, Pediatrics, Chettinad Hospital & Research Institute. The course coordinator was Dr. Usha Devi R. 34





participants had cleared online pretest to be a participant in the workshop. NRP India addendum was presented by the lead instructor. Seven stations were set for the workshop with each station having a warmer, intubatable manikin and whole resuscitation kit. We had 5 participants per instructor. The instructors rotated across stations after each session: Preparation at birth and routine care, initial steps, positive pressure ventilation, Intubation, Chest compressions and Medications. Demonstration of the complete NRP sequence (Megacode) was done by the Instructor after these sessions. After lunch, participants were assessed by their performance in the Integrated skills station (ISS). After the ISS assessment, students performed as a team in the simulation stations. This team performance was video recorded and the team was debriefed about the same at the end. Following this, resuscitation in special considerations like floppy neonate, congenital airway anomalies, pneumothorax was discussed. Additional considerations during preterm resuscitation, setting up of blender and T piece resuscitator, oro/nasopharyngeal airway insertion, laryngeal mask airway indications and insertion were demonstrated to the participants. Feedback was obtained and the participants were very satisfied with the workshop training.


CME- Lymphatic drainage of Head & Neck

A CME was conducted by the Department of Anatomy, CHRI on Lymphatic drainage of Head & Neck on 17.07.21. The Speaker of the CME was Dr.P.K.Sankaran. Associate professor, AIIMS, Mangalagiri. A.P. The moderator was Dr.TK Balaji, faculty, Department of Anatomy, CHRI. The speaker delivered a detailed presentation on the topography of various lymph nodes and how they are classified based on their structure and function. He discussed the various structures draining into these lymph nodes. He also discussed the importance of the various clinical conditions in which these nodes are involved and how to diagnose them. A total of 245 participants attended including students and faculty.


Cordially invite you all for the e-CME on

Lymphatic drainage of head and neck

 JULY 17, 2021  08:30 A.M - 10:00 A.M



Guest Speaker
Dr. P.K. SANKARAN
Associate professor,
Dept. of Anatomy, AIIMS,
Mangalagiri, Andhra Pradesh.



Organizing Secretary
Dr. T.K. BALAJI
Professor,
Dept. of Anatomy, CHRI,
Chennai, India.

Organized by: **Department of Anatomy, CHRI**

LYMPHATIC DRAINAGE OF HEAD & NECK

REGIONAL GROUPS

1. Occipital
2. Retroauricular (mastoid)
3. Preauricular (parotid)
4. Buccal (facial)
5. Submandibular
6. Submental
7. Anterior cervical
8. Superficial cervical
9. Retropharyngeal




CME on Process and precautions to USMLE

The department of Anatomy, CHRI, conducted a CME on the topic, 'Process and precautions to USMLE' on 20.07.21. The resource person was Mr. Abhishek Bavandhakar, National head, Kaplan Lgquest. The speaker discussed the scope for International Medical Graduates (IMG) on learning in the US. The speaker highlighted the steps to prepare and apply to USMLE with different time frames. The need to do electives, extra-curricular activities and the importance of publications and USMLE scores was highlighted. The students interacted with the resource person and the queries raised by the students were addressed. A total of 360 students attended this career development program.



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Navigate through the Application Process

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- Register through ECFMG
- Verify license
- Register
- Pass USMLE Step 1
- Receive ECFMG Certification

ERAS

- Apply through ERAS
- USMLE Scores
- Personal statement
- CV / Experience / Publications
- Photograph
- Letters of Recommendation
- List of Programs you will apply to

NRMP INTERNATIONAL

- Submit your Rank Order List
- Match
- Match Algorithm

| Specialty | Visas US Med schools | Visas in Secondary | Visas for IMGs | Starting Salary range |
|----------------------|----------------------|--------------------|----------------|-----------------------|
| Family Medicine | 218 | 3 | 52.5 | \$475k-\$520k |
| Psychiatry | 218 | 4 | 48 | \$475k-\$520k |
| Obstetrics | 220 | 4 | 61 | \$251k-\$326k |
| Pediatrics | 221 | 3 | 54 | \$160k-\$228k |
| Emergency Medicine | 223 | 3 | 46 | \$339k-\$316k |
| Anesthesiology | 226 | 4 | 61 | \$331k-\$423k |
| General Surgery | 227 | 5 | 60 | \$288k-\$363k |
| Neurology | 228 | 4 | 55 | \$400k (median) |
| Internal Medicine | 226 | 3 | 57 | \$398k-\$506k |
| Pathology | 226 | 3 | 45 | \$299k-\$331k |
| Orthopedics | 240 | 5 | 58 | \$397k-\$600k |
| Diagnostic Radiology | 240 | 4 | 50 | \$377k-\$478k |
| Neurosurgery | 238 | 6 | - | \$267k-\$637k |
| Otolaryngology | 243 | - | 53.5 | \$240k (median) |
| Dermatology | 244 | 4 | 45 | \$314k-\$466k |
| Plastic Surgery | 249 | 6 | - | \$480k-\$600k |

Guest lecture - Infective Endocarditis-Etiopathogenesis And Management

The Department of Microbiology, CHRI conducted a guest lecture titled 'Infective Endocarditis-Etiopathogenesis And Management' on 20.7.21. The speaker was Dr.Nagamani.A.C, Professor, Dept of Cardiology, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore. The lecture covered the etiopathogenesis, clinical presentations, diagnosis and treatment strategies. Images and videos of the ECHO were displayed which made the lecture very interesting. At the end of the lecture an interactive session was held and the students participated in the Q & A session at the end. This lecture was attended by Faculty, Research scholars, Postgraduates and the MBBS third fourth and fifth-semester students.

Guest lecture: Eradication of Poliomyelitis: Where do we stand?

The Department of Community Medicine, Chettinad Hospital and Research Institute organized an online guest lecture on 'Eradication of Poliomyelitis: Where do we stand?' on 22.07.2021. The lecture was delivered by Dr.Himashree Bhattacharyya, Associate Professor, Department of Community Medicine, AIIMS Guwahati, Assam. The speaker discussed the possible ways to eradicate certain diseases and current strategies. She explained in the detail the types of polio, their causative viruses, the types of vaccines and their schedules, also the vaccine-derived complications, such as VAPP (vaccine-associated paralytic polio) and



Speaker
Dr. Himashree Bhattacharyya MD.,
Associate Professor,
Department of Community Medicine,
AIIMS Guwahati, Assam.

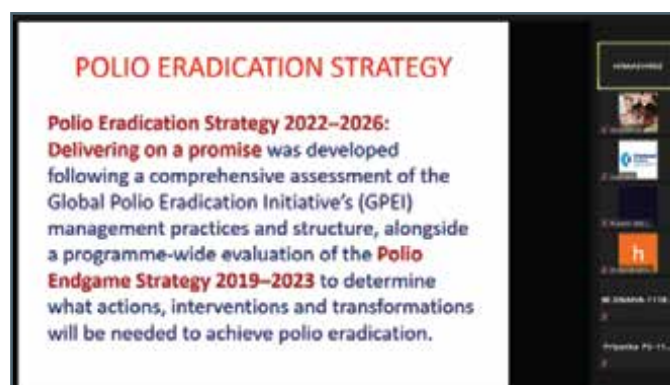
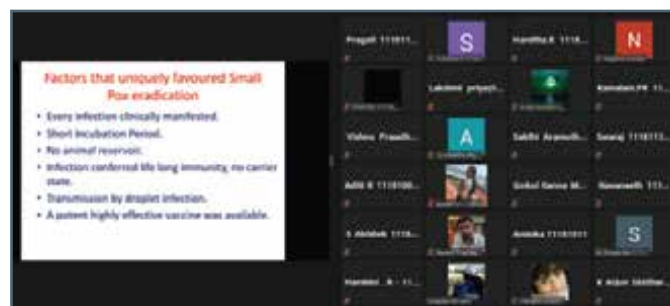
Moderator
DR. RAJA D, MD., MBA.,
Professor, Dept. of Community Medicine,
Chettinad Hospital & Research Institute,
Chennai.

ONLINE GUEST LECTURE SERIES
Eradication of Poliomyelitis: Where do we stand?

22nd July 2021
02:00 PM Onwards, IST

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PASSWORD: 733822

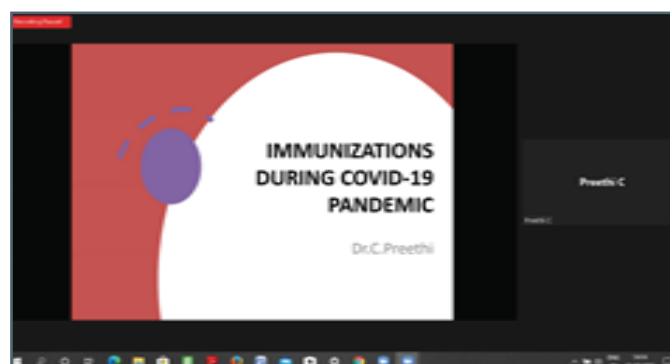
Organized by: Department of Community Medicine, CHRI

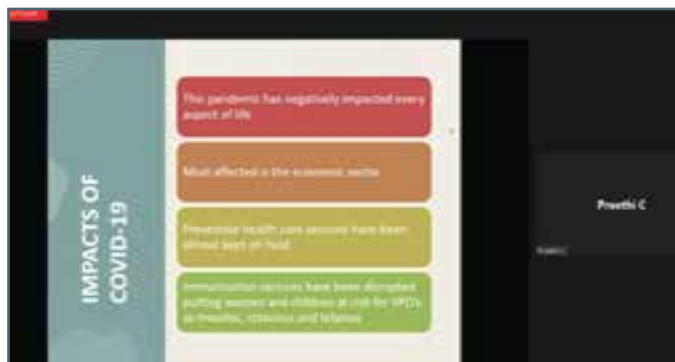


VDPV (vaccine-derived polioviruses), the surveillance of poliomyelitis and re-emergence of polio worldwide recently. She discussed the endgame and eradication strategies in place to control and move towards the goal of global polio eradication. The participants of this E-Lecture were 6th-semester students, Postgraduates and Faculty from the Department of Community Medicine. A total of 92 participants attended the lecture.

Immunization in COVID-19 Times

A weekly CME was organized by the Medical Education Unit of CHRI on 23.07.21 on the topic 'Immunization in COVID times'. The resource person was Dr. Preethi, Senior Resident, Department of Paediatrics, CHRI. The speaker outlined the importance of children being vaccinated against COVID-19 stressing that benefits outweighed risks and the mortality in the paediatric population. The speaker also discussed the appropriate reassurance of parents on the safety of vaccinating

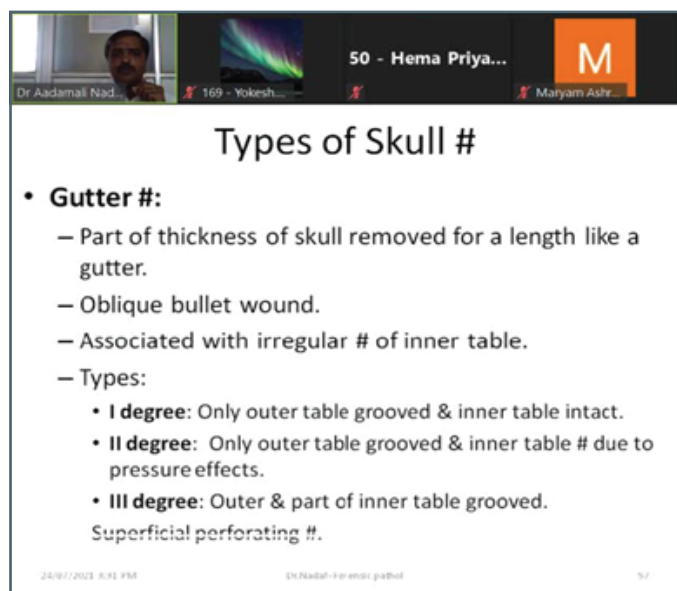




their children. The speaker described the vaccination protocol in children and she discussed evidence-based studies that stressed the need for children vaccination against COVID-19. There was an interactive question and answer session at the end of the CME. Faculty, interns and postgraduates attended the CME.

Guest Lecture: Forensic Aspects of Head Injuries

Department of Forensic Medicine, Chettinad Hospital & Research Institute had organized a guest lecture on the topic 'Forensic Aspects of Head Injuries' on 24.7.2021. The speaker was Dr. Aadamali a. Nadaf, Professor & I/c HOD, Department of Forensic Medicine, Karnataka Institute of Medical Sciences, Hubballi, Karnataka. The coordinator was Dr. S. K. Nawaz Ahmed, Professor of Forensic Medicine, CHRI. The speaker discussed in detail various skull fractures, lacerations of the skull and other injuries including road traffic accidents. He also discussed medico-legal aspects of assault and head injuries. A total of 120 participants attended the lecture.



CHET OGCON - Early Pregnancy on Focus

The Department of Obstetrics & Gynecology, Chettinad Hospital & Research Institute organized a conference on the theme 'Early Pregnancy on Focus' on 24.07.21. The Organising Chairperson was Dr. Anuradha C R, Professor and Head and the organizing secretary was Dr. Sailatha R, Professor, Department of Obstetrics & Gynecology, CHRI. The speakers were Dr. Sathya S, Professor and Head, MAPIMS; Dr. Sheila K Pillai, Associate Professor SRIHER; Dr. Divya, Assistant Professor, Thanjavur Medical College; Dr. Meena Mahalingam, Senior Assistant Professor, Govt. ISO & KGH; Dr. Mangalpuri, Professor, Balaji Medical College and Dr. Afi Asma, Professor, Department of Surgery, CHRI. The scientific sessions were on Non-Invasive Prenatal Genetic Testing, Abortion, Vesicular Mole, Pregnancy of Unknown Location, Ectopic Pregnancy, MTP, Cornual Pregnancy, Hyperemesis Gravidarum, Surgical Complications in Early Pregnancy with eminent speakers from various institutions across the state, delivering their lectures & viewpoints. The final session had an innovative quiz competition from the topics of the conference, open to CHRI's & undergraduates. A total of 250 delegates both UG & PG residents & faculties from across various regions attended the conference.

Dean and Faculty of Department of OBG

Cordially invite you all to the

Online Conference on 'EARLY PREGNANCY ON FOCUS'

July 24, 2021

08:30 A.M - 04:30 P.M

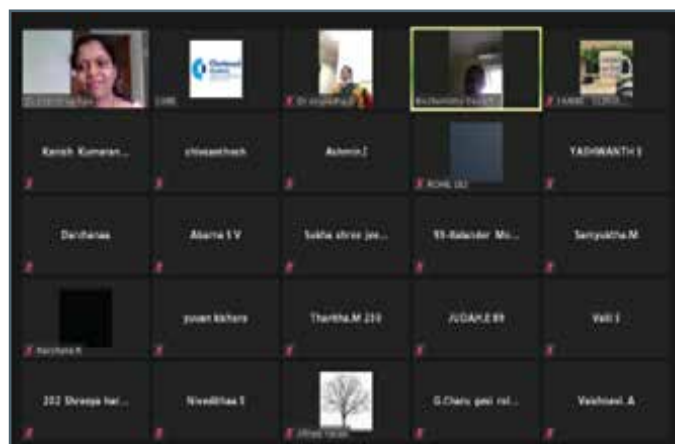
Dr Sheila K Pillai

- Dr Sheila K Pillai MBBS, MD, DGO
- working as Associate professor in the department of OBGYN SRIHER, Chennai,
- Undergraduate and postgraduate teacher.
- Has multiple publications in various international and national journals



Guest Lecture - Inborn Errors of Metabolism

Department of Biochemistry, CHRI organized a guest lecture on 'Inborn errors of Metabolism' on 24.07.2021. The program started with a welcome address by Dr Sumathy.S, Professor & Head, Department of Biochemistry, following which Dr Anuradha. G introduced the speaker. The resource person was Dr Chandrika. N, Associate Professor, Chamarajanagar Institute of Medical Sciences, Karnataka to the audience. The Speaker gave an interesting and elaborate lecture on the various inborn error associated with protein metabolism. She gave deep insights into the importance of early detection and the prenatal diagnostic techniques that are available. The program ended with a Q & A session.




Guest lecture on Peptic Ulcer disease


The Department of Pharmacology, CHRI conducted a guest lecture on the topic of 'Peptic Ulcer Disease' on 24.07.2021. The program was started with an inauguration. Dr A. Ruckmani, Prof & Head, Department of Pharmacology, CHRI gave a brief introduction about the topic. Then, Dr M.Duraivel, Asst. Professor introduced the speaker. The Guest Speaker of the lecture was Dr M.R.Manasa, Associate Professor, Department of Pharmacology, Karwar Institute of Medical Sciences, Karwar, Karnataka. The speaker covered peptic ulcers, their pathogenesis, types and the therapy in detail. The lecture was very elaborate and much informative. After the lecture, the session was open to questions. A total of 120 participants attended the Guest lecture.

PEPTIC ULCER DISEASE

24.07.2021 02:00 P.M - 03:00 P.M IST



Speaker
Dr. M.R. Manasa
Associate Professor
Dept. of Pharmacology
Karwar Institute of Medical Sciences
Karwar, Karnataka



Moderator
Dr. M. Duraivel
Assistant Professor,
Department of Pharmacology,
CHRI, Chennai.

Organized by
Dept. of Pharmacology, CHRI

ZOOM ID : 945 6060 6648
PASSWORD : 707784



Guest lecture – Pharmacotherapy IBD, IBS, Biliary and Pancreatic Diseases

The Department of Pharmacology, Chettinad Hospital and Research Institute organised a guest lecture on 29.07.2021 on 'Pharmacotherapy IBD, Irritable bowel syndrome, Biliary and Pancreatic Disease'. The guest speaker was Dr Mrutyunjay Mirje, Associate Professor, Dept of Pharmacology, Gadag Institute of Medical Sciences, Gadag. The moderator for the session was Dr Anu M, Assistant Professor, Dept. of Pharmacology, CHRI. The speaker discussed the pathophysiology of IBD, the drugs available for management and the treatment protocols for IBD, irritable bowel syndrome, biliary and pancreatic diseases. There were 120 participants including the second MBBS students, postgraduate students and faculty members of the Department of Pharmacology. There was an interactive session at the end of the lecture.

“PHARMACOTHERAPY OF IBD, IRRITABLE BOWEL DISEASE, BILIARY & PANCREATIC DISEASES”

 29.07.2021

 02:00 P.M IST

Speaker
Dr. Mrutyunjay. M. Mirje
Associate professor,
Department. of Pharmacology,
Gadag Institute of Medical Sciences,
Gadag, Karnataka.

Moderator
Dr. Anu. M
Assistant Professor,
Department of Pharmacology,
CHRI, Chennai.


 ID : **977 7448 1481**
PASSWORD: **750120**

Organized by
Dept. of Pharmacology, CHRI

Inflammatory Bowel Disease, Irritable Bowel Syndrome, Biliary & Pancreatic diseases

Dr. MRUTYUNJAY M MIRJE

Associate professor,
Department of pharmacology,
Gadag Institute of Medical Sciences,
Gadag





WORLD ORS DAY- 2021

The Department of Pediatrics, CHRI, commemorated 'World ORS Day' on 29.07.2021. The morning session started with a Role Play involving the postgraduates of the Pediatrics department and CRRIs at the OPD. The role play insisted on the importance and necessity to give ORS in the treatment of all diarrhoeal disorders in children. This was shortly followed by a demonstration session of preparation of ORS by nursing staff to the patients and the attenders. This demonstration was guided and supervised by Dr. Alexander, Professor of Pediatrics. ORS sachets were distributed to all the participants of the event. A guest lecture was organized on the same day. The lecture was given by Dr. S. Thangavelu, Director of Pediatrics, Dr. Mehta's Children's Hospital, who highlighted the importance of ORS and intravenous fluids through various case scenarios. It was an interactive session attended by postgraduates from CHRI and other institutes. The session was moderated by Dr. Umadevi, HOD, department of paediatrics, CHRI.



Hospital & Research Institute
Chettinad Academy
of Research and Education
(Deemed to be University)



DEPARTMENT OF PEDIATRICS

WORLD ORS DAY CELEBRATION 2021

“ORAL REHYDRATION, NO MORE DEHYDRATION”

 29.07.2021

 02:00 pm - 03:00 pm



Speaker
Dr. S. THANGAVELU
Director of Pediatrics,
Dr. Mehta Children's Hospital,
Chennai.



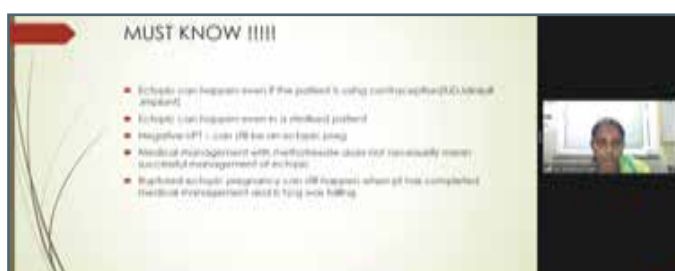
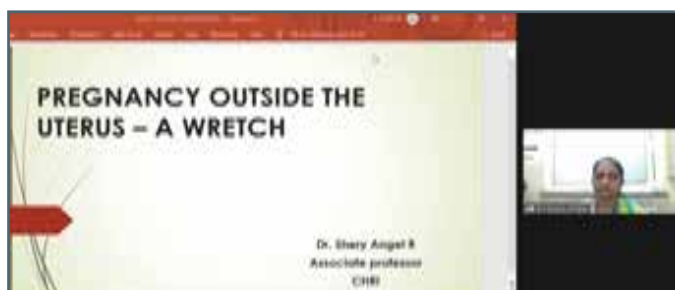
Moderator
Prof. Dr. L. UMADEVI
HOD & Professor,
Dept. of Pediatrics, CHRI.

Topic : APPROACH TO SODIUM DISTURBANCES
Case Scenario Based Discussion

Organized by
Department of Pediatrics, CHRI

Weekly CME - Pregnancy outside the Uterus – A wretch!

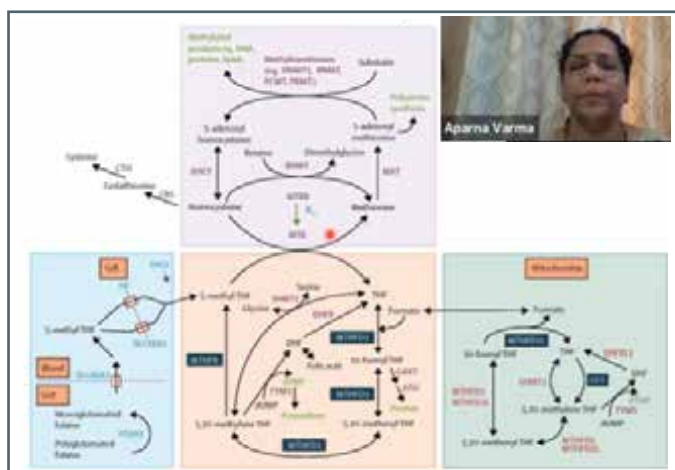
The weekly CME for this week is organized by Medical Education Unit, CHRI on 30.07.21. The resource person for the CME was Dr Shery Angel – Associate Professor – Department of Obstetrics & Gynaecology – Chettinad Hospital and Research Institute. She discussed the definition of ectopic pregnancy, different types of ectopic pregnancies, acquired causes, clinical presentation and management. The speaker also stressed the importance of timely management of ectopic pregnancy due to its impact on maternal mortality and she mentioned



the increased incidence of ectopic pregnancy recently. The CME concluded with a case-based discussion on ectopic pregnancy. Teaching Faculty and Postgraduates of CHRI attended the CME.

Guest lecture - One carbon metabolism

The Department of Biochemistry, Chettinad Hospital and Research Institute conducted a guest lecture on 31.7.2021 on the topic 'One carbon metabolism'. The Speaker was Dr Aparna Varma Bhogir, Additional Professor, Department of Biochemistry, All India Institute of Medical Sciences, Bibinagar. DrSanthiGopalakrishnan.S Associate Professor, Department of Biochemistry,CHRI was the moderator for the session. DrSumathy.S Prof &HOD, Department of Biochemistry, CHRI, introduced the speaker. The speaker discussed the various compounds involved in one-carbon metabolism including its role in cell division and the maintenance of the neurological system which was discussed. She also discussed the important role played by Vitamin B12 and folic acid





in one-carbon metabolism. She also explained about various diseases associated with one-carbon metabolisms like neural tube defects, pernicious anaemia, megaloblastic anaemia and its association with different types of cancers. A total of 250 students attended the session.

Online National Workshop on Research Protocol Writing

The Department of Pharmacology, CHRI has organized an online National workshop on 'Research Protocol Writing' which was conducted on 31.07.2021. Dr. A. Ruckmani, Professor and Head of the Department, Department of Pharmacology, CHRI was the organizing chairperson & the organizing secretary was Dr.Vivek Valliappan, Assistant Professor, Department of Pharmacology. The program was started with a welcome address. Dr. Pichai Balashanmugam, Dean CHRI delivered the presidential address and the

Cordially invite you all, for the
Dean and Faculty of Department of Pharmacology

**ONLINE NATIONAL WORKSHOP ON
"RESEARCH PROTOCOL WRITING"**

 July 31, 2021  08:30 A.M - 05:00 P.M (IST)



inaugural address was given by Dr. T. Balasubramanian, Vice-Chancellor, CARE. The objective of the workshop was to impart knowledge on the elements of protocol writing, its importance and provide hands-on training to the participants on writing a research protocol. The workshop was held in 6 sessions- Introduction and Protocol template, Protocol synopsis, Guidelines for writing a Research protocol, How do protocols differ? Academic & Clinical trial, Writing a protocol for Grant Application and Hands-On Training on Writing a Research Protocol. The resource persons were Dr. A. Ruckmani, Professor & Head, Department of Pharmacology, CHRI; Dr. Arun Kumar, Professor, Department of Pharmacology, CHRI; Dr. Balakrishnan, Professor & Head, Department Of Pharmacology, AIIMS, Bhopal; Dr. Melvin George, Associate Professor, Clinical Pharmacology, SRM Medical College Hospital and Research Centre; Dr. Lakshmi K, Professor and Dean in charge, School of Pharmaceutical Sciences, Chettinad Academy and Research Education. The participants were divided into four groups and were given four topics by the resource persons. Then one volunteer from each group presented the group's protocol and it was discussed in detail by the resource persons. Each session was followed by an interesting interaction. A total of 220 participants registered from various institutes across India.



Outreach Program- Functional Benefits Of Hydration

An outreach program was conducted by the Department of Physiology, CHRI for housekeeping staff of CARE on 31.07.2021 at the atrium of College block, CHRI. A total of 36 staff participated in the program. The housekeeping staff were briefed regarding the volume of water in the various body fluid compartments and their functions, to understand the importance of staying hydrated. Mrs. Savitha Niren, Assistant Professor, highlighted the symptoms of dehydration and provided tips regarding how to maintain hydration levels at the workplace, especially for those participants



involved in strenuous physical activity. The possible medical consequences of being in a state of chronic dehydration, including increased risk of urinary tract infections, renal calculi and constipation, were enumerated by Dr. Meena, Assistant Professor. She also cautioned the participants regarding the long term irreversible health complications if they persisted in remaining dehydrated on a chronic basis. The program concluded with the distribution of complimentary bottles of buttermilk and water among the participants, who thanked the organizers for opening their eyes to the many facets of a routine condition faced by many and assured that the measures listed to prevent dehydration shall henceforth be diligently followed by all among the audience.

the participants rated the FDP program beneficial by grading it with 5 out of 5 points. 33.3% graded them at 4/5 which indicated the effectiveness of the FDP program. The FDP ended with a valedictory function in which Prof. Ramachandran Murugesan Spoke about the need for such faculty development programs to enrich the quality of research. The FDP was organized by Dr Shoba Narayan, Dr Pavitra Gunasekaran and Dr Kumar Ebenezer K, under the able guidance of Dr SripathiKandula, Principal FAHS. The total number of registered participants was 60 and the total number of participants who completed the program was 50.

IPR – Patent Drafting & Filing Procedure For Faculty Members Of Higher Education Institute

Internal Quality Assurance Cell (IQAC) – Chettinad Academy of Research and Education (CARE) & Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM) a Central Government Institute under the Ministry of Commerce & Industry, Government of India organized an academic program on 'IPR – Patent Drafting & Filing Procedure' on 28.07.2021. The Organizing Chairperson of the event was Dr Arun Kumar Radhakrishnan, Vice Principal, CHRI and IQAC Coordinator and the organizing secretary of the event was Dr Ahamed Basha Abdul Bari, Professor, Physiology, CHRI. The event was moderated by Dr Meena A, Assistant Professor, Physiology, CHRI. The scientific session was delivered by Dr Bharat N suryawanshi Asst. Controller of Patents & Designs, RGNIPM; Dr. Pankaj P Borkar Dy. Controller of Patents & Designs, RGNIPM and Mrs Pooja Maulikar Examiner of Patents & Designs, RGNIPM. It was followed by a discussion






IQAC – CARE & RGNIPM

Cordially invite for a one day workshop on
**"IPR – PATENT DRAFTING & FILING PROCEDURE"
FOR FACULTY MEMBERS OF HIGHER EDUCATION INSTITUTE"**

Date : 28.07.2021 | Time : 10.00 A.M – 04.00 P.M | Mode: Online zoom
Meeting ID : 971 9406 3126 | Password : patent

| Programme schedule – 28th July 2021 | | |
|-------------------------------------|--|--|
| Session | Topic | Resource person |
| 10.00–11.00 am (Lecture 1) | Brief introduction to IPR, What are patentable and non-patentable inventions | Dr. Bharat N suryawanshi Asst. Controller of Patents & Designs, RGNIPM |
| 11.00–12.00 am (Lecture 2) | Patent filing and procedure | Dr. Pankaj P Borkar Dy. Controller of Patents & Designs, RGNIPM |
| 12.00– 12.30 Noon | Questions and Answers session | RGNIPM Team |
| 12.30– 01.00 pm | Lunch Break | |
| 01.00– 02.30 pm (Lecture 3) | Understanding of Patent specification, Claims | Dr. Bharat N suryawanshi Asst. Controller of Patents & Designs, RGNIPM |
| 02.30 – 03.30 pm (Lecture 4) | How to search Patent | Mrs Pooja Maulikar Examiner of Patents & Designs, RGNIPM |
| 03.30 – 04.00 pm | Questions and Answers session | RGNIPM Team |

Registration link: <https://forms.gle/FNXUIPzcbGzcoPKU8> (Registration is limited to maximum of 50 participations)

Organizing Chairperson:
Dr. R Arunkumar, Vice Principal, CHRI & IQAC Co-ordinator, CARE

Organizing Secretary:
Dr. A Ahamed Basha, Professor, Physiology, CHRI.

Moderator:
Dr. A Meena, Assistant Professor, Physiology, CHRI.

Organized by:
Internal Quality Assurance Cell – Chettinad Academy of Research and Education
&
Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM)
A Central Government Institute under the Ministry of Commerce & Industry,
Government of India.



session. The total number of participants was 50. The participants raised their doubts and were addressed by the speakers.

CME: Clinical spectrum of pharyngeal arch anomalies-A bird's eye view

The Department of Anatomy, CHRI organised a CME on the topic 'Clinical spectrum of pharyngeal arch anomalies-A bird's eye view' on 31.7.2021. The speaker of the event was Dr Saranya.R, Assistant Professor, Officer-in-charge, Department of Anatomy, JIPMER, Karaikal. The speaker began the session by



Hospital & Research Institute
Chettinad Academy
of Research and Education
(Deemed to be University)



CLINICAL SPECTRUM OF PHARYNGEAL ARCH ANOMALIES - A BIRD'S EYE VIEW

JULY 31, 2021 | 11:00 A.M

Speaker



DR. SARANYA R
Assistant Professor,
Officer-in-charge,
Department of Anatomy,
JIPMER, Karaikal.

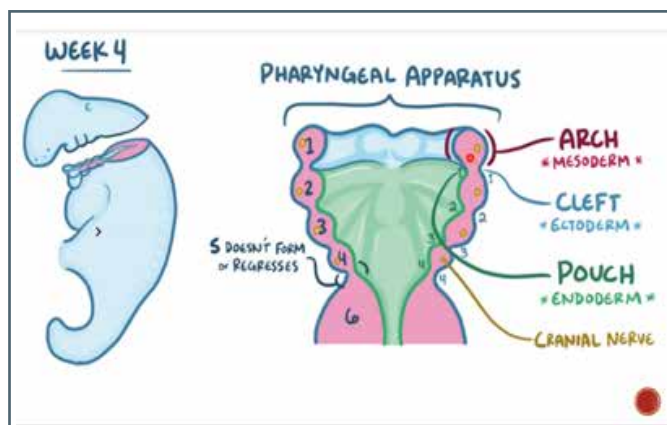
Organising secretary

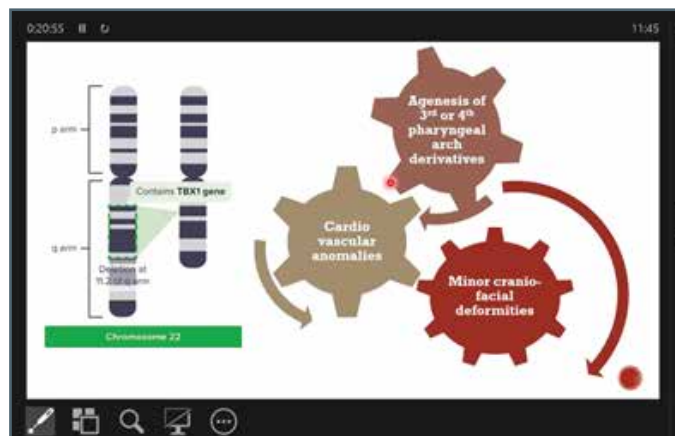


DR. ARATHI M S
Associate Professor,
Dept. of Anatomy, CHRI.

Zoom id : **998 0234 6263**
Password : **080365**

Organized by:
Department of Anatomy, CHRI





explaining the embryological basis of the anomalies associated with the head and neck region. She discussed embryological aspects and then the anomalies with case scenarios and vignettes. She explained the clinical conditions with help of photographs and syndromes. The participants were 300 in total, including MBBS and BDS students.

Guest Lecture- Approach To CBC

The Department of Pathology, CHRI conducted an e-lecture on 31.7.2021 on the topic 'Approach to CBC'.



Hospital for Research Institute
Chetnad Academy
of Research and Education
(Research & Education)

CHETPATHCON E-LECTURE SERIES

APPROACH TO CBC

July 31st 2021 1:00PM to 2:00PM



Speaker
Dr. SHRUTI MISHRA
Assistant Professor,
Bone Marrow Transplant and
Stem Cell Research Centre,
IMS, BHU.

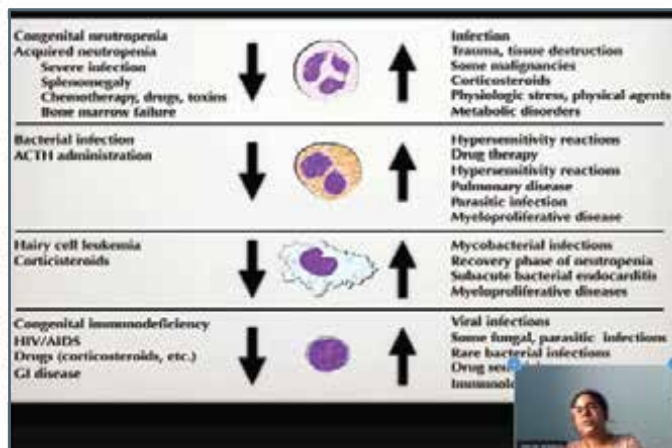


Moderator
Dr. Rajeswari Thivya
Associate Professor
Dept. of Pathology,
CHRI.

Coordinator
Dr. T. Ayesha Sithika
Asst. professor of Pathology,
CHRI.

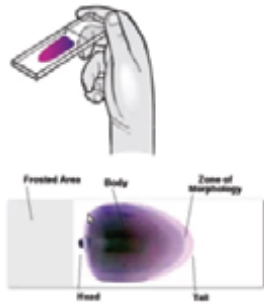
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Organised by:
Department of Pathology, CHRI



Good peripheral smear

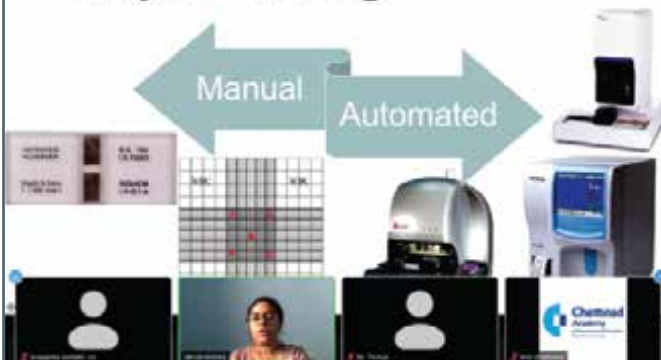
- 1 and half to 2 inch in length
- Red cells touching each other
- <2% artefactual changes in red cells
- Balanced panchromatic staining
- Pre-analytical variables should be kept in mind



Sample Processing

Manual

Automated



The speaker was Dr. Shruti Mishra, Asst. professor, Bone Marrow Transplant And Stem Cell Research Centre, Imst, BHU, Varanasi. The moderator was Dr. Rajeswari Thivya, Associate professor, Dept of Pathology, CHRI. The speaker spoke about complete blood count, peripheral smear and she discussed few clinical cases. The participants were 11nd year MBBS students, postgraduates and faculties of Pathology Dept, CHRI. 150 participants attended the guest lecture. At the end of the lecture, there was an interactive session where the speaker cleared the doubts of the audience.

CHETTINAD SQUARE

CENTRE ACTIVITIES

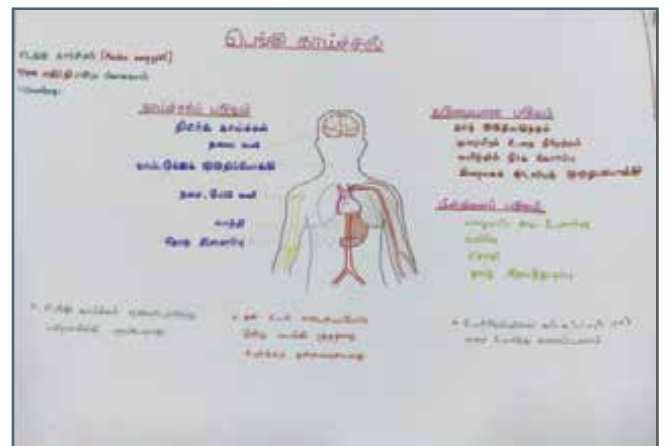
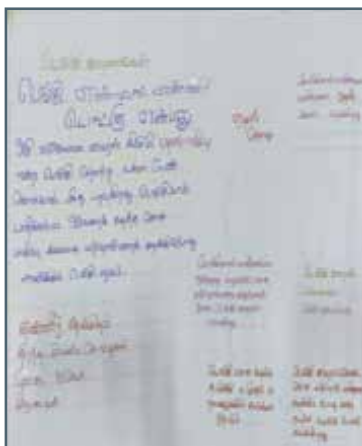
URBAN HEALTH TRAINING CENTRE – KARAPAKKAM

Dengue Awareness Programme

Dengue is a mosquito-borne viral infection, found in tropical and sub-tropical climates worldwide. The *Aedes aegypti* mosquito is considered the primary vector of DENV. There are an estimated 100-400 million infections each year. The number of dengue cases reported to WHO increased over 8-fold over the last two decades, from 505,430 cases in 2000 to over 2.4 million in 2010, and 5.2 million in 2019. The dengue awareness program was carried out at Urban Health Training Centre, Karapakkam on 07.07.2021. The objectives were to create awareness among patients and their attenders regarding dengue infection and the need for early detection and to educate the gathering regarding the consequences of untreated/undiagnosed dengue fever.

The Activities carried out were :

- Posters and charts were exhibited on the cause, signs and symptoms of Dengue.
- A poster on Dengue preventive measures was also displayed.
- A brief speech was given on preventive measures such as destroying the breeding sites of the *Aedes* mosquito and personal protective measures to overcome the infection were elaborately explained by Postgraduates of the Community Medicine Department.
- An interactive session was carried out towards the end of the programme for the participants to clarify the queries.

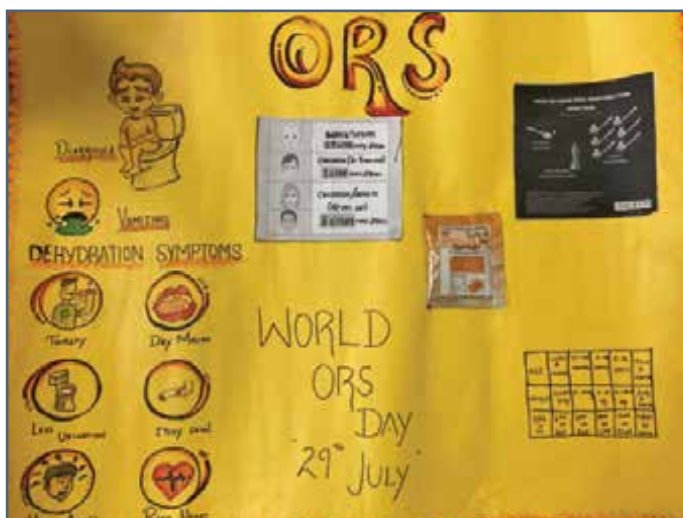


World ORS Day Programme

According to WHO, Diarrhoeal disease is the second leading cause of death in children under five years of age. Diarrhoea, which is frequently caused by poor sanitation and hygiene, can have serious results, typically due to diarrhoea-related dehydration. It particularly affects infants, children and old people. ORS Day is celebrated every year on 29th July to highlight the importance of Oral Rehydration Salts (ORS) as a cost-effective method of health intervention. Dehydration from diarrhoea can be prevented by giving extra fluids at home, or it can be treated simply and effectively by giving adequate glucose-electrolyte solution called Oral Rehydration Salts (ORS) solution. ORS Jodi (ORS and Zinc) has proven to be successful in the prevention and management of acute diarrhoea and dehydration. The target population was the patients who visited the Urban health centre, Karapakkam. Around 20 patients were present during the event.

The Activities carried out :

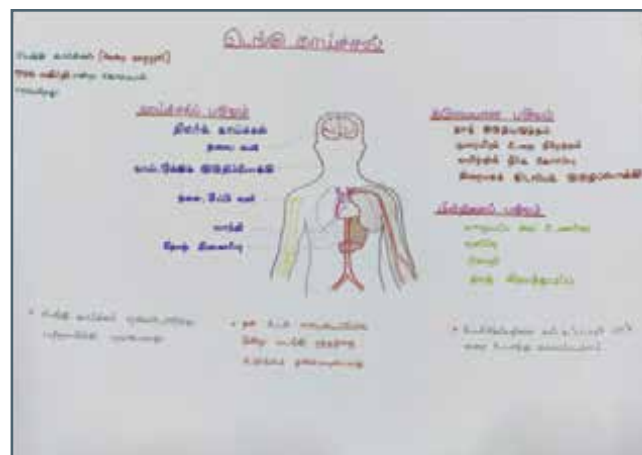
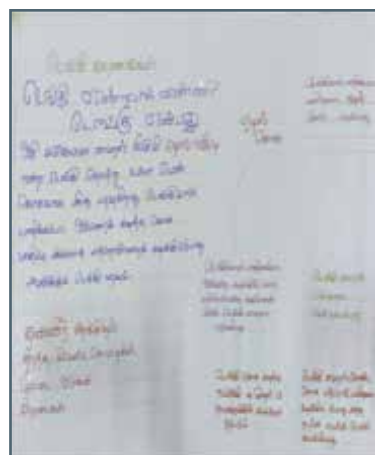
- Posters and charts were exhibited on ORS Sachets, signs of dehydration, methods of ORS preparation.
- An interactive session was carried out to assess participants knowledge on ORS.
- Health awareness was given on the usage of ORS, the importance of ORS and preventive measures for dehydration.
- ORS Sachets were shown to the patients and the instructions to prepare ORS solution was explained.



RURAL HEALTH TRAINING CENTRE – POONJERI

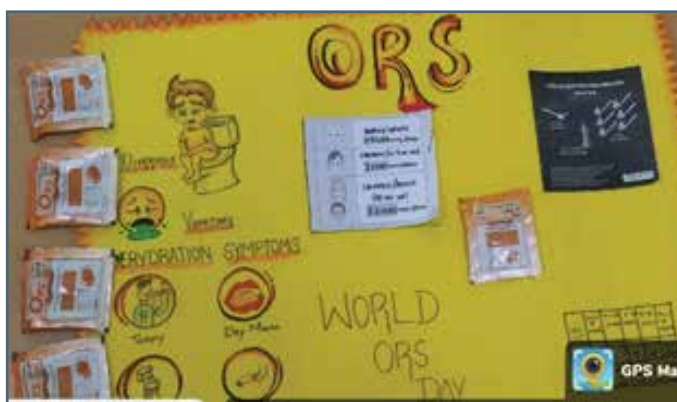
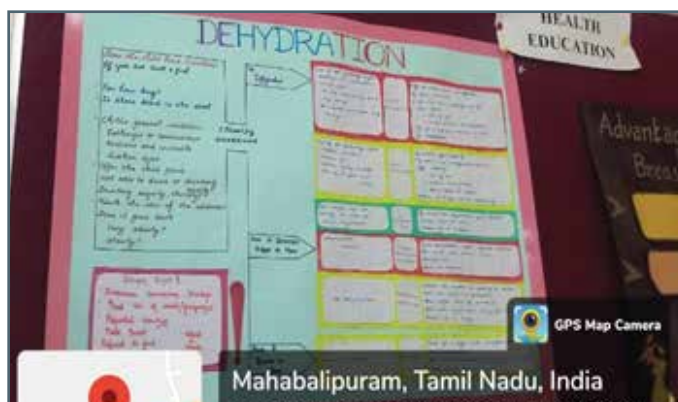
Dengue awareness programme

Dengue is a mosquito-borne tropical disease caused by the Dengue virus (DENV). There are an estimated 100-400 million infections each year. The number of dengue cases reported to WHO increased over 8-fold over the last two decades, from 505,430 cases in 2000 to over 2.4 million in 2010, and 5.2 million in 2019. In 2020, dengue affected several countries, with an increased number of cases in Bangladesh, Brazil, Cook Islands, Ecuador, India, Indonesia, Maldives, Mauritania, Mayotte (Fr), Nepal, Singapore, Sri Lanka, Sudan, Thailand, Timor-Leste and Yemen. In 2021, dengue continues to affect Brazil, Cook Islands, Colombia, Fiji, Kenya, Paraguay, Peru and Reunion Island. As there is no specific treatment for dengue fever, vaccination should be considered as part of an integrated dengue prevention and control strategy. There is an ongoing need to adhere to other disease prevention measures such as well-executed and sustained vector control. Individuals should be given awareness about dengue so that they can seek prompt medical care if dengue-like symptoms occur. With this background, an awareness program was organized at RHTC, Poonjeri on 12.07.21 for the patients and their attenders to provide health education regarding dengue preventive measures to improve their overall health and to educate the gathering regarding the consequences of untreated/undiagnosed dengue fever. Posters and charts were exhibited on the cause, signs and symptoms of Dengue. Preventive measures such as destroying the breeding sites of the Aedes mosquito and personal protective measures to overcome the infection were elaborately explained by Postgraduates of the Community Medicine Department.



World ORS Day- July 2021

ORS Day is celebrated every year on 29th July to highlight the importance of Oral Rehydration Salts (ORS) as a cost-effective method of health intervention. According to WHO, Diarrhoeal disease is the second leading cause of death in children under five years of age. Diarrhoea, which is frequently caused by poor sanitation and hygiene, can have serious, even deadly results, typically as a result of diarrhoea-related dehydration. Most people who die from diarrhoea die from severe dehydration and fluid loss from the body. Dehydration from diarrhoea can be prevented by giving extra fluids at home, or it can be treated simply and effectively by giving adequate glucose-electrolyte solution called Oral Rehydration Salts (ORS) solution. ORS Jodi (ORS and Zinc) has proven to be successful in the prevention and management of acute diarrhoea and dehydration. A Health education awareness program was conducted at RHTC, Poonjeri for the patients on 22.07.2021 to create awareness among the parents of under 5 children and Health education about the causes, symptoms and timely management of dehydration and diarrhoea was imparted.



World Hepatitis Day Awareness Program

World Hepatitis Day is observed each year on 28 July to raise awareness about viral hepatitis, an inflammation of the liver that causes severe liver disease and hepatocellular cancer. This year's theme is "Hepatitis Can't-Wait". With a person dying every 30 seconds from a hepatitis-related illness – even in the current COVID-19 crisis – we can't wait to act on viral hepatitis.

The Activities carried out :

- People living with viral hepatitis unaware can't wait for testing
- People living with hepatitis can't wait for life-saving treatments
- Expectant mothers can't wait for hepatitis screening and treatment
- Newborn babies can't wait for birth dose vaccination
- People affected by hepatitis can't wait to end stigma and discrimination
- Community organisations can't wait for greater investment
- Decision-makers can't wait and must act now to make hepatitis elimination a reality through political will and funding

A Health Education program was organized at RHTC, Poonjeri on 30.07.21 to provide health education to improve their overall health and quality of life, to screen the participants for jaundice by physical examination. Referral of cases with positive findings to dept. of Gen. Surgery, CHRI for further evaluation was also done. An average of 7-10 willing male patients was screened on the day and those with positive findings were referred to CHRI.



CHETTINAD OUTREACH

GENERAL CAMP

Outreach activities are being conducted by the outreach team of Chettinad Hospital & Research Institute. A total of 10 camps were organized exclusively by the outreach team and 676 patients benefited, out of which 209 patients were referred to CHRI for further treatment. The sites where the camps were organised are as follows: Manamai / Paiyanoor, Kovalam - Semmencherry FMC, Santhanapattu – Manamathy, Pattipulam, Semmencherry Housing board, Alathur, Eachoor ,Kunnathur, Perumbakkam(New hope & new life orphanage home) and Kokilamedu. The outreach was carried out by the outreach team under the leadership of T K Raja

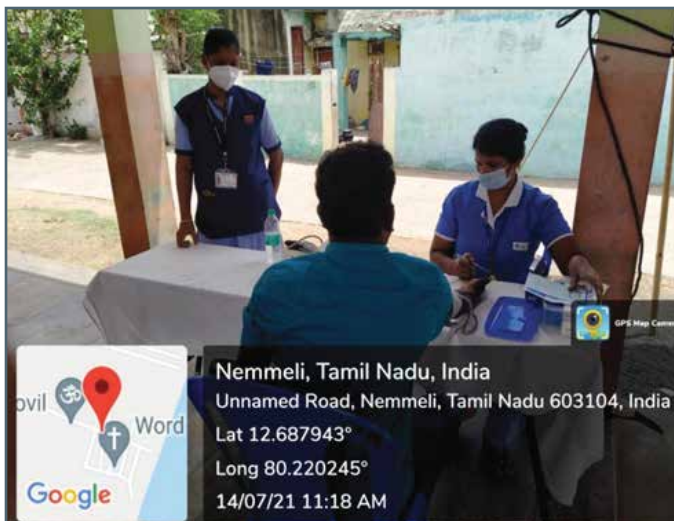
05-07-2021 Manamai Medical camp



12-07-2021 Santhanampattu-Manamathy Medical Camp



14-07-2021- Pattipulam Medical camp



16-07-2021 Semmancherry TNHB Medical camp:



23-07-2021 Echoor Medical camp



27-07-21 Kunnathur Medical camp



28-07-21 Perumbakkam {New hope & New Life} Medical Camp



30-07-2021 Kokilamedu Medical Camp



ENT CAMP

A camp was conducted at Government Primary School at Karanai, Thiruporur Taluk, Chengalpattu district on 24/07/2021 from 10:00 AM to 1:00 PM. The camp was organised by Dr.NamasivayaNavin (AP) from The Department of Otorhinolaryngology, Chettinad Hospital and Research Institute along with Dr. Angela (PG), Dr.Janarthan (CRRI) and Mrs. Gomathi (Staff nurse). Around 26 patients attended the camp. ENT examination was done and free drugs were given to sick patients. Around 10 patients, including 1 surgical case, needed tertiary care treatment and were referred to the Outpatient Department of Otorhinolaryngology at Chettinad Hospital and Research Institute. These patients have been advised to review in ENT OPD for further management. Patient awareness was created about common illnesses and their management.



A stitch in time saved nine

A 3-year-old female child was brought to Chettinad Hospital & Research Institute on 11.07.21 with injuries after a road traffic accident- two-wheeler and cow collision at Thriuporur. The child sustained injuries on the forehead, nose, lips and oral cavity. A history of bleeding from the oral cavity and nose was present. No history of bleeding from the ear, loss of consciousness, nausea, vomiting and seizures after the accident. Vitals- BP-110/80mmHg, PR-82/min, RR-18/min and SpO2-99% at RA. Examination of the nose revealed swelling on the nose, tenderness+, blood streaks in both nasal cavities. Lower lip laceration (6x5x4 cm), GLS laceration 3x 3cm and laceration over philtrum. Systemic examination was normal. CT brain and facial bone were done. Neurosurgery & OMFS opinion was obtained. Ophthalmology & Pediatrics opinion was obtained and was found to be normal. The child was taken for immediate exploration of the oral cavity and suturing under GA on 11.07.2021. The intraoperative and Postoperative period was uneventful. The patient recovered and was discharged on 12.07.21. The exploration was performed by Dr Naveen, Assistant Professor, Department of ENT.

BEFORE SURGERY



INTRA OP



AFTER SURGERY



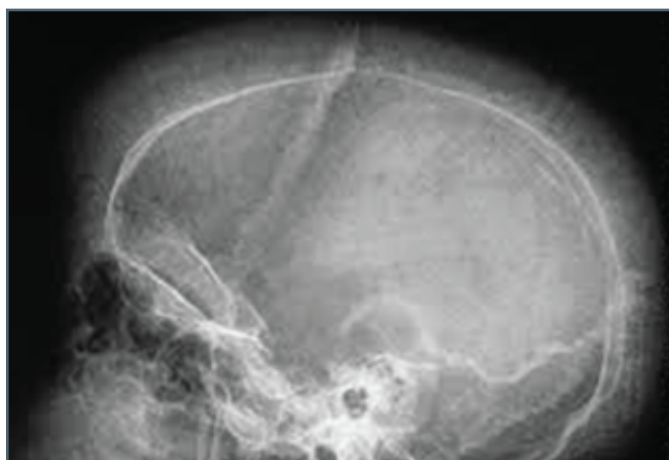
CLINICAL VIGNETTES

Question 21

A 33-year-old male presents with anxiety attacks and palpitations associated with hypertension. As part of screening for secondary hypertension, he is noted to have repeatedly high urinary catecholamine concentrations. He is an intermittent smoker of 10 cigarettes per week and drinks approximately 18 units of alcohol weekly. He has been otherwise quite well. He is adopted and no family history is available. He is referred to the local endocrine department where elevated urine catecholamine concentrations are noted and a CT scan of his abdomen reveals bilateral adrenal masses of 4 cm diameter. Amongst other investigations an elevated plasma calcitonin concentration is noted. What other abnormality is likely to be present in this patient?

Question 22

Impression of the image?



Answers to questions from the previous issue

Question 19

Antithyroid drug- Propylthiouracil (PTU)

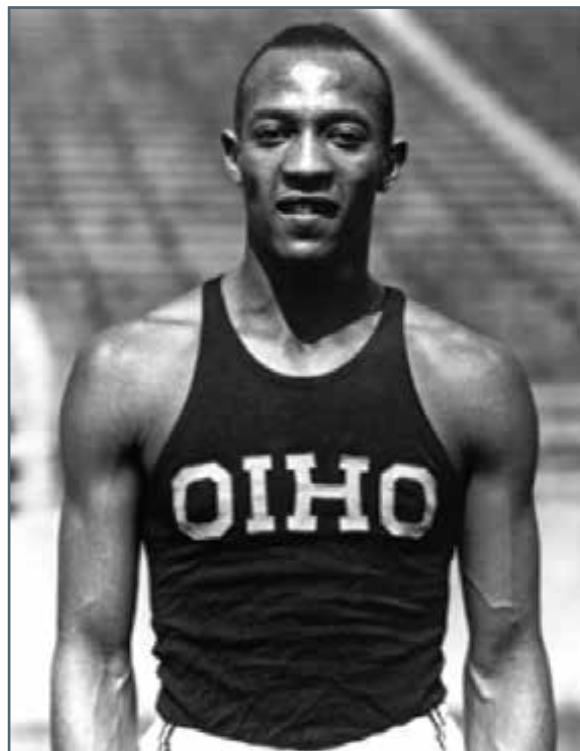
Question 20

Diabetic Kidney Disease - Kimmelsteil Wilson lesion

Identify The Personality (9)

Diego Maradona, Argentine football player

Identify The Personality - 10



KUDOS!!!

Participants who sent the correct answers :

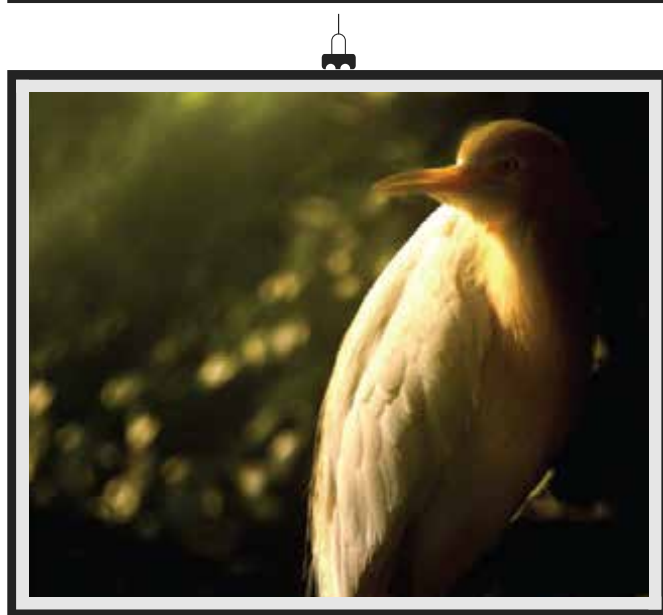
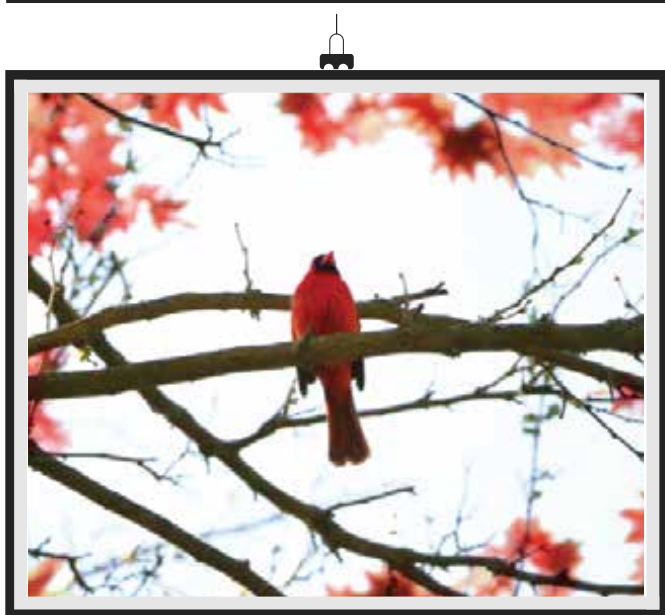
1. Dr. Aarthy (PG)
2. Dr. Femela, Professor, Pathology.

Answers can be sent to:

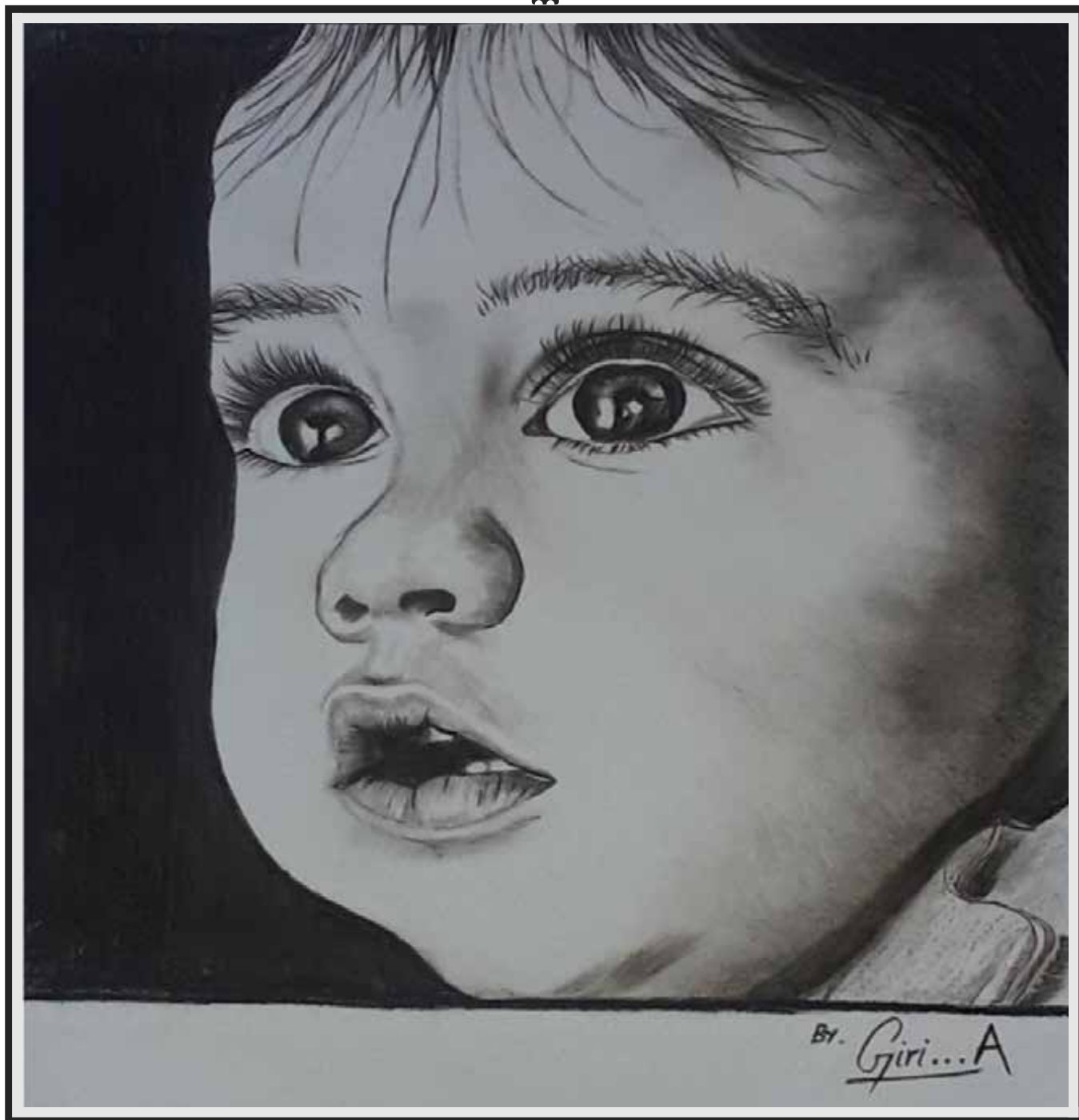
Mail ID : carekonnnect@care.edu.in /
ckmeditors@gmail.com



STUDENTS CORNER



- Vishal Naveen, MBBS student



- GiriPrasath A, B.Pharm 1st year

Kite

*White fabric fixed over a black crucifix;
Heavy is the cross I have to carry.
But verily, verily I tread through life merrily;
Heavy is the cross I carry.*

*Like a jay; what's a kite that doesn't fly?
Spread my wings; I take to the whitewashed blue sky.
Cutting manja in his hands, he lets me soar high!
Spiting faith in his hands, my sorry salvation is nigh!*

*Bright illuminated aperture in sight, such a blinding light!
Without him like Icarus I'd burn, I'm a curious kite.
So I let go and heed to him, he'll sail my winds;
In time he'll take me, until then I'll fly my winds.*

- Roshan D, MBBS 1st Year

SHE

*For greeting HER identity!
For contributing HER pride!
For erasing HER dependence!
For being economically strong!
For realizing HER rights!
For being confident in HER decisions!
For gaining HER dignity and honor!
For the prosperity of the country!
How?
By HER education!
SHE, as a girl child gets HER education!*

- Prarthana. J, BPharm, 1st year

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