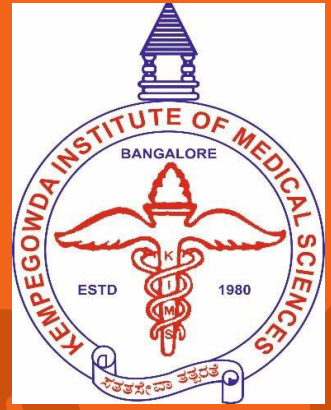


Department of Community Medicine  
Kempegowda Institute of Medical Sciences,  
Bangalore



# ANNUAL NEWSLETTER

1 January 2021-31 December 2021

Department of Community Medicine  
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080-26712798



# COVID-19 VACCINATION

from 17th January to December,2021.



The Preventive Medicine Unit, Department of Community Medicine, KIMSH&RC, Bangalore was involved in the COVID-19 vaccination of the staff and students of KIMS, Bangalore in from January to March,2021.

**Dr.Anwith HS** was the Nodal officer for the program for the health workers from 17th , Jan to Feb,2021.

Subsequently, **Dr.Giriyanna Gowda** was the nodal officer from Mar-Dec,2021.

In July ,another vaccination site added in KIMS Bangalore and Dr.Anwith HS was the nodal officer.

**A total of 10700 beneficiaries have been vaccinated.**

The staff of Department of Community Medicine, KIMS, Bangalore was involved in the- Comprehensive Medical Preparedness & COVID-19 Management Plan for the Aero India show 2021. The staff were involved in this activity from 28th Jan -5th feb,2021.

The team was responsible to **provide off site Medical Contingency in case of emergency** along with the other support from KIMSH&RC, Bangalore

**AERO INDIA ,2021-  
COMPREHENSIVE  
MEDICAL PREPAREDNESS  
& COVID-19  
MANAGEMENT PLAN**  
28th Jan-5th Feb,2021



# RGUHS BBMP TAC AND KACH - RAPID SERO SURVEY ON BURDEN OF COVID-19 IN SLUMS OF BANGALORE CITY.

April,2021.



RGUHS,BBMP,TAC&KACH SEROSURVEY IN SLUMS -  
BBMP MO,STAFF,POST GRADUATES,LAB TECHNICIANS,  
SWAB COLLECTORS AND INTERNS



The department was involved in the Covovax COVID-19 vaccine trial of **ICMR & Serum Institute of India**. The staff and Post Graduates were involved in the 6 month prospective follow up study. A **total of 100 subjects were recruited** for the study.

The department was involved in RGUHS BBMP TAC and KACH - A rapid sero survey of COVID19 in slums of Bangalore city.

People living in UPHC-

Banashankari and Wilson

garden were surveyed in April

-16th to 19th ,2021.

**A total of 60 subjects RTPCR and blood samples were collected and analysed.**

Staff and Post graduates were involved in the activity.

## COVOVAX- COVID-19 VACCINE TRIAL



COVID-19 VACCINATION TRIAL

# GUEST LECTURE – EPIDEMIOLOGY, PREVENTION, CONTROL, LEADERSHIP AND COVID VACCINATION IN WALES, UNITED KINGDOM – DR. ANANDA GIRI

17th August, 2021



COVID 19 EXPERIENCE IN WALES- DR. M K SUDARSHAN, DIRECTOR KIMS AND KIMS HOSPITAL (3RD FROM LEFT), DR VENKATESH T, DEAN AND PRINCIPAL ,KIMS (5TH FROM LEFT), DR. D H ASHWATH NARAYANA, MEDICAL SUPERINTENDENT (2ND FROM LEFT) , DR. ANANDGIRI S, INVITED SPEAKER, STAFF AND PGS FROM COMMUNITY MEDICINE

**Dr.Ananda Giri**, Professional Lead Consultant for Health Protection at Public Health Wales, NHS, Wales spoke on his **experience in Epidemiology, Prevention, Control and Leadership of COVID 19 Pandemic & COVID vaccination in Wales, United Kingdom**, followed by felicitation on 17th August, 2021 between 2.30PM – 4.30 PM at the PG at the Auditorium, 6 th Floor, 'B' Block, KIMS Hospital & Research Centre, Bangalore. The staff and Post Graduates from the KIMS college has participated.

## GOVERNMENT OF KARNATAKA REVIEW OF COVID-19 MANAGEMENT ACTIVITIES IN DISTRICTS WITH HIGH CASE FATALITY RATE- RAMNAGARA DISTRICT

18th August,2021



REVIEW OF COVID-19 MANAGEMENT- RAMNAGARA DISTRICT DHO & STAFF FROM KIMS, BANGALORE.

The staff from Community Medicine, Medicine and Microbiology, KIMS, Bangalore were part of the expert team for the Department of Health and Family Welfare, Government of Karnataka to assess high Case Fatality rate reported in Ramnagara districts on 18th august,2021. **The teams looked at early detection, testing, Isolation treatment and discharge protocols being followed and submitted the report to GOK.**



# WEEKLY MALNUTRITION HEALTH CAMP FOR BBMP,BANGALORE



AROGYA NANDANA- DR.SEEMA KS ,HEALTH CHECK IN BBMP WARDS- STAFF, POSTGRADUATES AND INTERNS

The Staff and Post Graduates from the department of community medicine ,OBG and Pediatrics were involved with BBMP, Bangalore and Medical Education Department , Government of Karnataka for **weekly malnutrition health camps for children between 0-18yrs under Aarogya Nandana scheme in co-ordination with local UPHC.**

The ARC clinic, Preventive Medicine Unit, Department of Community Medicine, KIMSH&RC , Bangalore -was involved in the development of training module on Post Exposure Prophylaxis - IDRV and RIG administration for the **OpenWHO course** on rabies and one health. From basics to cross-sectoral action to stop human rabies deaths during, September, 2021. The online course has seven modules and certificate given on completion. The link to the course is

<https://openwho.org/courses/NTDs-Rabies-and-one-health>

## OPEN WHO- TRAINING MODULE ON POST EXPOSURE PROPHYLAXIS -IDRV AND RIG ADMINISTRATION

September,2021



**RABIES & ONE HEALTH:  
FROM BASICS TO  
CROSS-SECTORAL ACTION  
TO STOP HUMAN RABIES DEATHS.**

# WORLD RABIES DAY

28th September, 2021

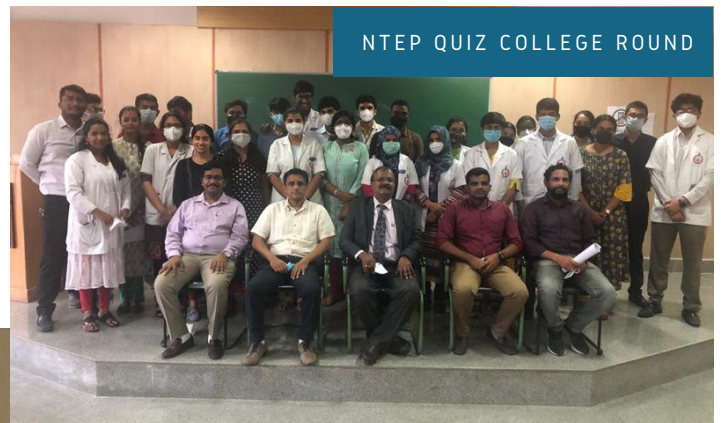
7th Term MBBS students  
Mr. Achal Basavanahalli  
and Mr. Aditya Narayan J  
secured first place in state  
level quiz on Rabies held  
at MIMS, Mandya



The department had organised the **WRD, 2018 Poster competition** on the occasion of World Rabies Day theme for the year 2021 for undergraduate students, Interns and Post Graduates. About 25 teams had participated and prizes were distributed in the end.

## STATE LEVEL NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME [NTEP] UNDER GRADUATE QUIZ

14th September, 2021

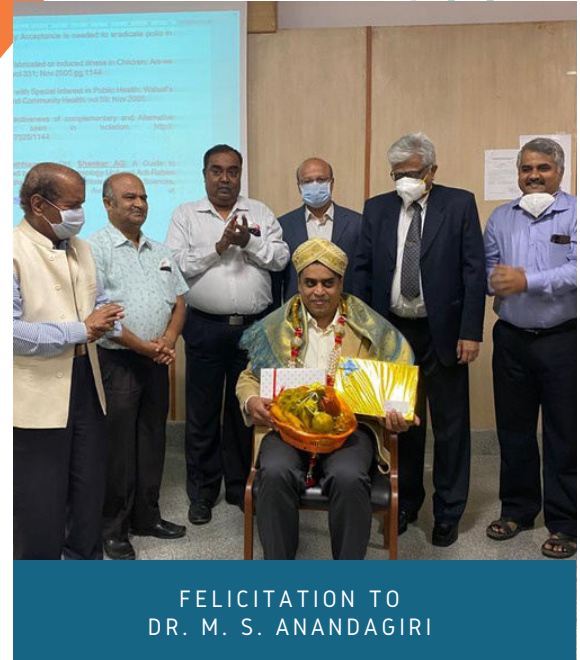


The state level State level National Tuberculosis Elimination Programme [NTEP] quiz 2021 was conducted by Dept. of Community Medicine & Pulmonary medicine at Kempegowda Institute of Medical Sciences, Bangalore. The quiz was conducted in two rounds with College round conducted on 8th September 2021 **across 42 medical colleges in Karnataka** which was coordinated by KIMS, Bangalore and final round was held on 14th September, 2021 at KIMS College, Banashankari. A total of **1386 teams & 2772 persons participated** in the college level written elimination round of which the top five teams participated in the final round held at KIMS, Bangalore and the **winner of the final round of the quiz was ESIC Medical College, Kalaburagi & runner up was Kempegowda Institute of Medical Sciences, Bangalore.**



# FELICITATION BY ALUMNI TO DR. M. K. SUDARSHAN MD (BHU), FAMS, HON.FFPH (UK)& DR. M. S. ANANDAGIRI MD, DNB, MPH

28th November, 2021



The Alumni of the department felicitated **Dr. M. K. Sudarshan**, MD (BHU), FAMS, Hon.FFPH (UK Director, KIMS & KIMS Hospital, Bangalore) & Chairman, Karnataka State Covid-19 Technical Advisory Committee (TAC) & Retd. Dean and Prof. & HoD of Community Medicine, KIMS, Bangalore **for having been conferred the Karnataka Rajyotsava award by Government of Karnataka on 28th November, 2021 at KIMS college, Bangalore**

**Dr. M. S. Anandagiri**, MD, DNB, MPH, Professional Lead Consultant for Health Protection, Incident Director for the COVID-19 response, Public Health Wales (PHW) & Expert member, Welsh Technical Advisory Cell (TAC) Cardiff, United Kingdom for having been **conferred Honorary Member of Most Excellent Order of British Empire**

# CLINICAL TRIAL/ FIELD STUDY

**Principal Investigator: Dr. D H Ashwath Narayana;**

**Co-Investigator : Dr.H S Ravish**

A phase 2/3 single-blind, randomized, controlled study to determine the safety and immunogenicity of the adjuvanted SARS-CoV-2 rS (COVID-19) Nanoparticle Vaccine in healthy Indian adults  $\geq 18$  years : **Preventive Medicine Unit, KIMSH&RC, Bangalore.**

**Principal Investigator : Dr. N R Ramesh Masthi;**

**Co Investigator : Dr. T V Sanjay**

A rapid sero survey on burden of COVID19 in slums of Bangalore city during the peak of second wave. April-May ,2021: **RGUHS, BBMP,TAC,GOK and KACH,Bangalore**

**Principal Investigator: Dr.H S Ravish;**

**Co-Investigator : Dr. D H Ashwath Narayana**

A Phase 2/3, Randomized, Observer-blind, Controlled, Multi-Center Study to Evaluate the Lot to Lot Consistency of SIPL Meningococcal ACYWX Conjugate Vaccine (NmCV-5) and to Compare its Safety and Immunogenicity with that of Licensed Meningococcal ACWY Vaccine Menactra® in Healthy Individuals 18-85 Years of Age : **Preventive Medicine Unit , KIMSH&RC, Bangalore**

**Principal Investigator: Dr.H S Ravish ;**

**Co-Investigator : Dr. D H Ashwath Narayana**

A Phase IV, Randomized, Controlled Study of the Safety and Immunogenicity of Rabishield + Rabivax-S Post-Exposure Prophylaxis regimen in Patients with Potential Rabies Exposure : **Preventive Medicine Unit , KIMSH&RC, Bangalore**

**Principal Investigator: Dr.H S Ravish ;**

**Co-Investigator : Dr.N R Ramesh Masthi**

Active surveillance on the Safety of Rabishield and Rabivax-S in Patients with Category III Potential Rabies Exposure:**Preventive Medicine Unit , KIMSH&RC, Bangalore**



# PUBLICATIONS

- **Nandini R C , Prakruthi A R, Dr D H Ashwath Narayana.** Knowledge of Mothers Regarding Immunization. International Journal of Scientific Research. 2021; 11 (04):50–51.
- **Nandini R C ,Prakruthi A R ,Dr D H Ashwath Narayana.** A Descriptive Study On Classification Of Adverse Events Following Immunization Among Infants Attending Maternal and Child Health Hospital, Bangalore. International Journal of Scientific Research. 2021; 11 (03):77–79.
- **Chaitra KM, Ballal S, Masthi NRR, Ashwath Narayana DH, Yashodha HT, Kumar M, et al. (2021)** Rabies encephalitis in a preschool child following postexposure prophylaxis. PLoS Negl Trop Dis 15(2): e0009045. <https://doi.org/10.1371/journal.pntd.0009045>.
- **Prakruthi A R ,Nandini R C ,Dr D H Ashwath Narayana.** A study on antenatal morbidities In a corporation referral Hospital, Bangalore.. International Journal of Scientific Research. 2021; 11 (02):34–36.
- **Sobagaiah RT, Masthi RNR, Krishnappa L, Rangaiah A, Rao GN, Basha R, Thimmaiah S, Venkatesh R, Prakash S, Ranganath SCM, Konapur KS, Jeevan V, Muddaiah S, Jagadish DM, Kumari N, Sudarshan MK.** Assessing the burden of Covid-19 in the slums of Bangalore city: Results of Rapid Community Survey. Indian J Comm Health. 2021;33(3):475–479. <https://doi.org/10.47203/IJCH.2021.v33i03.012>.
- **Masthi R, Hebbar G.** Covid-19 vaccination and breakthrough infections among healthcare workers: an online survey. Int J Community Med Public Health 2021;8:5435–40. <https://dx.doi.org/10.18203/2394-6040.ijcmph20214284>.
- **Ramesh MNR, Bharathi GD, Pruthvi S.** A trend analysis of people living with human immunodeficiency virus attending an anti-retroviral therapy centre in urban Bangalore. Int J Community Med Public Health 2021;8:5279–82.<https://dx.doi.org/10.18203/2394-6040.ijcmph20214259>.
- **Ramesh Masthi, Afraz Jahan, Divya Bharathi, Pradam Abhilash, Vinayak Kaniyarakka, Sanjay TV, Girianna Gowda, Ranganath TS, Ramakrishna Goud, Shubha Rao, Ajay Hegde.** Postcode based participatory disease surveillance systems : a comparison with traditional risk- based surveillance and its application in the COVID-19 pandemic. J Med Internet Res 2021;23(2).DOI: <https://doi.org/10.2196/20746>
- **Ramesh Masthi N R, Malatesh Undi.** Animal bite management facilities in a rural area near Bangalore. RGUHS National Journal of Public Health 2021;6(3):55–60.
- **N R Ramesh Masthi, Divya Bharathi G, Pruthvi SG, Munish Mudgal, Shivakumar S, T V Sanjay, Girianna Gowda.** A community based serosurvey for SARS-CoV2 among population in an assembly constituency of urban Bangalore, Karnataka. RGUHS N J Public Health 2021;6(2):31–34.

- **Ramesh M, Sowmyashree U.** Awareness of COVID 19 vaccine in a Rural Area near Bangalore, Karnataka. Natl J Community Med 2021;12(3):72-75. DOI: 10.5455/njcm.20210322010212.
- **Karishma Prakashsheela, Sanjay Thittamaranahalli Varadappa, Saranya Krishnappa, Deepthi Nagaraj, Soubhagya Kathali, Aparna Agire.** Obesity among Women in Child-Bearing Age: A Comparison Study. AOCCH 2021;9(3):1-5.
- **Ravish H S, Akash Khobragade, Durga Satapathy, Monica Gupta, Surendra Kumar, Vinay Bhomia, Ramasubramanian V, Maharshi Desai & Ashok Dilipkumar Agrawal.** Safety and Immunogenicity of a novel three-dose recombinant nanoparticle rabies G protein vaccine administered as simulated post exposure immunization: A randomized, comparator controlled, multicenter, phase III clinical study. September, 2021. Human Vaccines & Immunotherapeutics <https://doi.org/10.1080/21645515.2021.1957413>
- **Ravish S. Haradanahalli, Rupsa Banerjee, Mysore Sudarshan Kalappa, Ashwath Narayana, Rachana R. Annadani, Gangabaraiah Bilagumba.** Safety and immunogenicity of rabies vaccine as 4 - dose Essen Intramuscular regimen for post exposure prophylaxis: A non - randomized, comparative controlled study. Human Vaccines & Immunotherapeutics 2021;23:1-6.
- **Ravish HS, Ramya MP, Kumari N, Surendran J, Fotedar N.** A Cross-sectional study on Factors Influencing Utilization of Antenatal Care Services among Rural Women. Ann Community Health 2021;9(2):198-202.
- **Jayanthi Srikanth, Deepthi Nagaraj.** Awareness of specific health protective measures among antenatal mothers attending a community health centre in urban Bangalore. Annals of Community Health , 2021 Jan - Mar Vol-9 Issue 1 ; 92-96.
- **Giriyantha Gowda , Pruthvi S , M. S. Phaneendra , Chitra Nagaraj.** A study on awareness on allergic disorders and allergen immunotherapy among medical practitioners. International Journal of Community Medicine and Public Health 2021 Nov;8(11):5394-5397.
- **K.S. Seema, R. Chethana, Deepthi Nagaraj.** A Cross -Sectional Study On Osteoporosis Among Women Aged 40 Years And Above In The Urban Field Practice area of a medical college, Bengaluru. Annals Of Community Health (AOCCH), 2021: 9(1).
- **Chethana R, Saranya K, Deepthi Nagaraj, Karishma Ps .** 'Low Birth Weight And Its Associated Factors: A Hospital Based Study', Ann Community Health 2021 ;9 ( 2):1-4.
- **K.S. Seema, R. Chethana, Deepthi Nagaraj.** A Cross -Sectional Study On Osteoporosis Among Women Aged 40 Years And Above In The Urban Field Practice Area Of A Medical College, Bengaluru. Annals Of Community Health (AOCCH), Jan-Mar 2021/Vol 9/Issue 01.

# STAFF ACTIVITY

## **Revised Basic Medical Education Training for staff : 2nd – 4TH August, 2021.**

**Dr.N R Ramesh Masthi, Dr.Ravish HS, Dr.Chethana R, Dr.Girianna Gowda and Dr.Anwith** from the department had **undergone training in the Revised Basic Medical Education of National Medical Council** in the college between 2nd August to 4th August,2021.They were awarded a certificate at the end of the course.

### **Dr. D H Ashwath Narayana**

- Dr.D H Ashwath Narayana reported as Professor and HoD in December,21 after a successful stint as Medical superintendent, KIMSH&RC, Bangalore from 2019 – 21.
- Speaker (webinar): Zoonotic diseases and control (BSV); Pre-Exposure prophylaxis against rabies (HBI) ; Prevention of rabies in India (MAHE) and Vaccinate to eliminate (Zydus),July-September,2021.

### **Dr.N R Ramesh Masthi :**

- Author in chapter, Noise and Health, Light and Health .1st and 2nd editon,IAPSMTextbook of Community Medicine;2021,114-119.
- Member- Arogya Karnataka – State Vision Group. Health services, programmes, services through a life course perspective- Reproductive and child health. 20-21.
- TOT- Online training for COVID-19 Tele triaging & protocols for dental, medical and Ayurveda fraternity. National Medicos Orgnaization, Karnataka, 25th April & 8th May,2021.
- Principal Investigator -Review of Covid19 management activist in districts with high case fatality rate for government of Karnataka in Ramnagara District,18th August,2021
- Expert – NRCP for Medical Officers of Chickballapur district, Government of Karnataka on 30/11/21.
- Panelist(Online)-Mind the gap – operationalizing One Health- German Ministry for Economic Cooperation and Development on One Health issues 09.12.202

### **Dr. T V Sanjay :**

- A rapid sero survey on burden of COVID-19 in slums of Bangalore city during the peak of second wave. April-May ,2021: RGUHS, BBMP,TAC,GOK and KACH,Bangalore.

### **Dr.Ravish H S :**

- Author in chapter, Noise and Health, Light and Health .1st and 2nd editon,IAPSMTextbook of Community Medicine;2021,114-119.
- Coordinator ,COVID-19 statistics –KIMSH&RC,Bangalore from 15th may,2021 till date.
- Speaker (webinar): Zoonotic diseases and control (BSV); Pre-Exposure prophylaxis against rabies (HBI) ; Prevention of rabies in India (MAHE) and Vaccinate to eliminate (Zydus),July-September,2021.
- Speaker – NRCP for Medical Officers of Chickballapur district, Government of Karnataka on 30/11/21,Chickballapur,Karnataka.



### Dr. Jayanthi Srikanth

- Author in chapter, Noise and Health, Light and Health .1st and 2nd edition, IAPSM Textbook of Community Medicine;2021,114-119.

### Dr. Giryanna Gowda

- Nodal Officer : COVID-19 Vaccine for Health care workers and General Public.
- External Assessor : Kayakalpa for Karnataka State.

### Dr. Anwith HS

- Organizing Secretary : NTEP state level quiz held at KIMS,Bangalore on 14thSeptember,20212.
- Nodal Officer : COVID-19 Vaccine for Health care workers and General Public.

### Dr. Seema KS

- Coordinator : Weekly Malnutrition Health camp for children between 0-18yrs under Aarogya Nandana scheme

**Dr. Deepthi Nagaraj, Dr. Jithin Surendran, Dr.Sunil M G,Dr. Karishma P S and Dr. Saranya K.** have completed the MD Community Medicine course with flying colours. Dr.Saranya K secured 8th rank.

### Dr.Divya Bharathi G, Dr.Suhas HS, Dr.Soumyashree and Dr. Nidhi Fotedharwere

involved in the COVID-19 vaccination at KIMSH&RC,covid19 patient care in hospital,COVID-19 and rabies clinical trial at PMU,KIMSH&RC,Bangalore

