

ANIL NEERUKONDA EDUCATIONAL SOCIETY

NRI INSTITUTE OF MEDICAL SCIENCES





DEPARTMENT OF COMMUNITY MEDICINE



COMPREHENSIVE HEALTH CARE SERVICES HOLISTIC TRAINING RESEARCH & DEVELOPMENT



2022



Mission

"Delivering comprehensive health care services at the community level,

Holistic Training of undergraduates and postgraduates in community health,
endorsing and conducting Research in the areas of public health importance".

Goals

- To be at the forefront striving for excellence in training, in the field of community health, by rapidly adopting highest standards of practice and newer initiatives in medical education.
- To instill interest in research among students, by making accessible, relevant resources and tools.
- To develop and maintain peripheral health centers catering to the evolving health needs of the communities, while conducting various outreach activities with focus on health promotion and prevention.
- To establish association and extend support to various Governmental and Non-Governmental Organizations in delivering high quality health-care services to the communities.



A new beginning

Dr. K. Vijaya, prof. & Head.

Inspired by the relentless journeys of eminent public health professionals and with a deepest regard to their contributions in the field of public health, starting this year as a new custom, we take this humble privilege to launch "THE GLITZ" - A perennial insight into our department's journey.

"THE GLITZ" defines our journey in the field of contemporary public health while being relevant in the context of medical education in India and in the World. At the same time, it also gives us a valuable opportunity to reflect on our work in a given year, which we believe would be a prime driving force in guiding us forward, in delivering our mission.

Our journey becomes non-existential without our beloved Organization. Hence, we would like to take this opportunity to convey our warm regards to the entire organization in this New Year. Also, we would like to take a moment in conveying our whole-hearted thankfulness to the management team for their continuous support in our Endeavors, that are aligned with the vision of our Organization.

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has been our mission.

With an outraging pandemic, while bringing in various challenges, 2021 has been an eventful year. The biggest challenge was to overcome the hinderances in delivering such services at the community level, while strictly observing COVID-19 protocols.

However, this gave us an additional opportunity in restructuring our strategies for an uninterrupted delivery of services via the outreach centers and programs.

One of the prime strategies has been to bring specialist health care services much closer to the communities through the outreach centers.

Also, Community Health Needs Assessment (CHNA) has now become an integral component of periodic family health surveys in community diagnosis training program. This integration has led to the enriched community engagement activities, leading to effective planning of appropriate services.





"Periodic Community Health Needs Assessment has been the mainstay in helping us adopt to the evolving health needs of the communities".



Pediatric OPD at RHTC, Anandapuram.



Interactive Adolescent health education program at Z. P. High School, Anadapuram.



These programs especially in the form of observing National Health Days are aimed at having a positive impact on the Knowledge, Attitude and Practice (KAP) aspects of health among the communities, with a special attention to vulnerable groups in an equitable manner.

spectrum of comprehensive health care.

Ensuring continuum of care for the beneficiaries has been a challenge, that is yet to be overcome. Hence, newer strategies have been devised, that has seen the introduction of New custom-designed Family Health Folders which are currently being updated through the Family Health Surveys in the service coverage areas and weekly training programs for Medical-Social Workers is in place, both of which are critical components in the continuum of care.

Also, for a timely referral to the higher center, a functional referral channel is also in place at the outreach centers.







"Delivering comprehensive health care services spanning across the spectrum of health in an equitable manner is what we always strive for".



Observation of National Nutrition Month at an Anganwadi center, Anandapuram.



Emergency referral of an Ante-Natal mother to ANH.

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Feedback

We believe that the strength of any program/service we offer/deliver lies in fulfilling the health care needs of the communities and in maintaining an effective channel of communication with the beneficiaries. Reflecting on this, a continuous feedback mechanism has been brought in place, to understand the evolving health needs of the communities along with the quality of satisfactory services that are being provided. Additionally, Periodic review meetings involving the multiple stake-holders are in place to reflect on the quality of services and in identification of bottlenecks in the implementation of service delivery.



Team of community medicine dept. interacting with District Educational Officer, Visakhapatnam at Z. P. High school, Anandapuram.



I, on behalf our school would like to sincerely convey our heartfelt wishes to your team for organising such an interactive health education programme on nutrition. Actually, I had received many phone calls from the parents of students, sharing their ward's exciting feedback on the programme conducted. It certainly had an impact on the thought process of the students on their nutrition along with an introspection.

We wholeheartedly appreciate your efforts & hope to maintain this relation in long term.

"

Head Master

Z. P. High School, Anandapuram.



I am thankful to Anil Neerukonda Hospital center at Anandapuram, to have received such a special care for my second delivery. Me & My family members had an anxiety & fear, as my first delivery had complications. With the assurance from medical officer & specialist doctor, along with regular follow-ups, we were so much relieved of the stress. We are very happy & very much thankful to you for taking care of us.





At the time of Post Natal Care Visits



Specialist emergency care at RHTC, Anandapuram.



National Nutrition Month - Health Education program.





World Breast Feeding Week - Awareness campaign



The other most important aspect, which we reflect upon on a continuous basis is our teaching and training of medical undergraduates and postgraduates, along with offering an additional support and collaborating with the allied health science departments in the field of community health.

We as a relentless and passionate team take proudness in creating an Indian Medical Graduate, who is not only clinically competent but also a community responsive physician. Hence, we always strive for holistic development of the students.

By rapidly adopting highest standards of practice in medical education, we put our best to keep pace with the latest advancements in the highly dynamic field of medicine.

Hence, we give our best at imparting the required skills and aid in developing the required competencies among the students spanning across various domains such as knowledge, clinical skills, communication, leadership, team work, research methodology along with an understanding for modern tools and methods that would have an application in the public health systems.

All these efforts have yielded fruitful results with the year 2021 recording the highest pass percentage till date with 5 distinction holders, who are now an inspiration for the upcoming batches in enhancing their efforts to surpass them.

"Rapidly adopting highest standards of practice in medical education is what has become the foundation of our teaching & training programs".



Health education training under guidance and supervision of faculty.



DOAP session in progress at Anganwadi center under supervision of faculty.

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"Enriching the students learning experience"







Poster presentations by MBBS Phase - I students







Family Health Survey in progress







DOAP sessions in progress







Field based clinico-social case studies







World Health Day '21 - Quiz Competition







World AIDS Day '21 - Quiz Competition

Our Training Programs

♦ Foundation course

giving an overview of Community Medicine for the students of MBBS Phase - I, laying the strong foundations for holistic understanding of community health aspects and in imparting required skills to be future ready.

♦ Community Diagnosis

Paving the way for the MBBS Phase - II students to develop the skills and competencies in research and communication, to be relevant in the modern public health systems /approaches, understanding the health needs of a community as a whole via Community Health Needs Assessment (CHNA). This program primarily takes an end-end approach in the form of Family Health Surveys, starting from house-house visits with consent from beneficiaries to developing a feasible intervention based on CHNA by the students.

DOAP sessions

objective based sessions, facilitating the students to develop competency in the various domains such as nutrition, immunization, MCH, health care management among many others.

♦ Clinico-Social Case Studies

Primarily field-based sessions for the MBBS Phase -III students enhancing their holistic understanding of a disease in the spectrum of health, which is the most important prerequisite of an Indian Medical Graduate to be a competent Community Physician. Also, Family Health Study training for postgraduates is another most important aspect in making them future ready public health professionals.

♦ Other programs

Community and class-based tutorials, Self-Directed Learning, Integrated classes, hands on training sessions, Journal clubs, extra-curricular academic events, observation of important health days, family studies, experiential learning activities, research mentorships & guidance.

- Dr. K. Vijaya, Prof. & HOD, Dr. Ved P Kulkarni, Prof., Dr. A.V. Suresh, Asst. Prof., Dr. K. Vani Priyanka, Asst. Prof., Dr. Hari Teja Avirneni, Asst. Prof., Dr. P. Ramakrishna, PG, Dr. B. Upasana, PG, Dr. N. Ujwala, PG have been awarded the ICMR-NIE certificate of completion of "Basic course in Bio-Medical Research".
- Dr. K. Vijaya, Prof. & HOD & Dr. Hari Teja Avirneni, Asst. Prof. has been awarded the ICMR-NIE certificate of completion in "Ethics Review of Health Research".
- Dr. Hari Teja Avirneni, Asst. Prof., has been awarded *Record of achievement* in "WHO Health Emergencies Programme - learning package for Rapid Response Teams in the context of COVID-19 in India".
- Dr. B. Upasana, PG, Dr. N. Ujwala, PG, Dr. P. Madhavi, PG have been awarded the Science Tech Institute certificate of completion of "Statistical Data Analysis using SPSS".
- Dr. P. RamaKrishna, PG, has successfully completed the *month-long training programme* at various public health offices under the aegis of Directorate of Health & Family Welfare, Visakhapatnam.
- ⇒ All the faculty and PGs have been actively attending Conferences / Webinars / CME's / Workshops on a regular basis to align with the latest advancements in the field. Also, various scientific presentations were made by members of the department.
- Dr. Ved P Kulkarni, Prof. has been the *chairperson* for a plenary session on Pandemic Management in 26th AP State IPHA & IAPSM joint virtual conference on 08.01.2021.
- ♦ Dr. A. V. Suresh, Asst. Prof., Dr. K. Vani Priyanka, Asst. Prof., Dr. Hari Teja Avirneni, Asst. Prof., Dr. B. Upasana, PG, Dr. N. Ujwala, PG have presented poster in the National Telemedicine Day '21 celebrations, held at NRIIMS, on 24.03.2021.
- Dr. Hari Teja Avirneni, Asst. Prof., has presented a *meme poster* in National Level Meme Competition on World No Tobacco Day'21, organised by AIIMS, Mangalagiri, on 31.05.2021.
- Dr. Radha Madhab Tripathy, Principal, NRIIMS has delivered an honorary guest talk at CME on "Diverse topics in Community Medicine", held at Government Medical College, Srikakulam on 01.09.2021.
- ♦ Dr. B. Upasana, PG, Dr. N. Ujwala, PG, Dr. P. Madhavi, PG have presented poster at 65th IPHA National Conference'21, organised by JIPMER, Puducherry on 25.09.2021.
- Dr. Hari Teja Avirneni, Asst. Prof., has presented a paper at CHETCOMCON 2.0 National Level e-Conference, organised by Chettinad Hospital & Research Institute, Chennai on 29.09.2021.
- Dr. N. Ujwala, PG & Dr. P. Madhavi, PG were awarded the certificate of participation in the Quiz competition held at NRIIMS, on the occasion of World TB Day'21.
- Dr. Hari Teja Avirneni, Asst. Prof. has been awarded best poster presentation in the National Telemedicine Day'21 celebrations held at NRIIMS, on 24.03.2021.

DISTINCTION HOLDERS IN COMMUNITY MEDICINE '21











D. Apporva RD. Sri Varshita

K. Ananya

R H. Saranya

RCH. Mounica



- ◆ As a remarkable achievement, all the *research proposals* from the department have received *acceptance* under the first ever "DR. NTR University of Health Sciences Under Graduate Student Research Scholarships" programme.
 - o Ch. Mounica (MBBS student), Dr. K. Vijaya, Prof. & HOD (Guide)

A cross-sectional study on Health Risk Behaviours among students of professional courses in a college located in coastal city of Andhra Pradesh.

 L. Lasya Priya (MBBS student), Dr. A. Venkata Suresh, Asst. Prof. (Guide)

Knowledge, Attitude and Practices about Bio-Medical Waste management among nursing staff in a tertiary care hospital.

- K. Venika (MBBS student), Dr. K. Vani Priyanka, Asst. Prof. (Guide)
 Assessment of Knowledge, Attitude and Perception of medical students regarding Community based research.
- Oh. Venkata Phaneendra Sai (MBBS student), Dr. A. Hari Teja, Asst. Prof. (Guide)

Road User Behaviour status of Taxi-drivers in Visakhapatnam city - A community based cross-sectional study.

ONGOING RESEARCH PROJECTS

- The morbidity pattern in Fishermen community at coastal Andhra Pradesh.
- Out of pocket expenditures among the drug resistant Tuberculosis patients registered under NTEP in Visakhapatnam district.
- ◆ Socio-clinical profile of Pregnancy Induced Hypertension cases: An analysis in a district level maternity hospital.
- ◆ A cross-sectional study of reproductive tract infections in adolescent girls in field practice area of RHTC of a Tertiary care teaching hospital in Visakhapatnam.
- Anxiety, stress, depression and its correlates among pregnant women of south India
- ◆ A cross sectional study on prevalence and severity of COVID 19 infection in partially or fully vaccinated students.
- ◆ Availability of essential medicines in medical outlets: A cross sectional study in a costal district of south India.
- ◆ Pillion rider's road safety practices & associated barriers in a south Indian city A community based qualitative study.



Students with research project submission reports



Upgraded research lab with accessible tools



Public Health Lab updated to latest standards



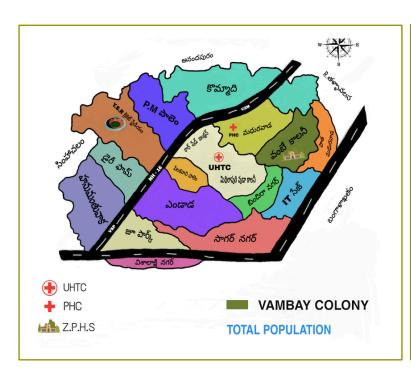
Upgraded Museum facilitating Self-directed learning for the students

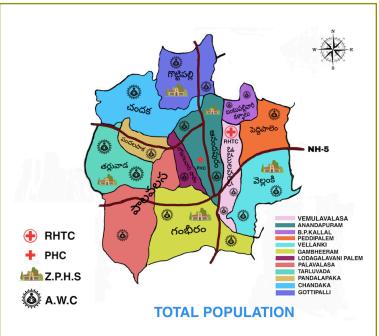
- ◆ Naidu RDR, De A, **Vijaya K**, **Srinivasa Rao G**, Prabha JSS, Kiran P, **Venkata suresh A**. Comparative Study on Smart Mobile Phone Usage Pattern and It's Dependence among Medical and Engineering Students at ANES Campus, Visakhapatnam, India. American Journal of Public Health Research. 2021;9(4):149-152.
- ◆ Vani Priyanka K, Vijaya K. Assessment of quality of life and activities of daily living among the elderly population of rural Andhra Pradesh. Indian Journal of Public Health Research & Development. 2021;12(3):90-95.
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- ♦ Kumar CD, **Suresh AV**. A cross sectional study on defective vision among secondary school going children in Vijayawada city, Andhra Pradesh. Int J Community Med Public Health. 2018;5:3995-9.
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- ♦ **Suresh AV.** A cross sectional study of morbidity pattern among children attending primary schools in Vijayawada (Accepted for publication in Medica Innovatica).
- ♦ John A, Swaminathan SS, **Avirneni HT**. Improving treatment adherence and outcome among TB patients under daily regimen The way forward (Accepted for publication in Journal of Dr. NTRUHS).



URBAN HEALTH TRAINING CENTRE MADHURAWADA

RURAL HEALTH TRAINING CENTRE ANANDAPURAM





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"REACHING OUT TO THE COMMUNITIES"









