

## JUHC Monthly Report for JIPMER Website – September 2024

### School Health Screening Programme

A school health screening programme was conducted at Deepsthal Open School on 03.09.2024. A total of forty-seven students were screened for anthropometry, haemoglobin, refractory errors, and dental caries. A general health examination was done, and a health talk on hand hygiene, nutrition, and menstrual hygiene was given.



### National Nutrition Month Celebration

The National Nutritional Month (Poshan Maah) celebration was held on 11.09.2024 at JUHC. Various nutritious foods were displayed and promoted to patients coming to OPD. Patients were sensitized about the balanced diet and the benefits of the consumption of nutritious foods.



### Urban Health Nutrition Day

Urban Health Nutrition Day was conducted in Chinnayapuram and Kurusukuppam on 14.09.2024. As a part of National Nutrition Month (Poshan Maah), health talks on the benefits of a healthy diet were given. Healthy foods and charts were displayed to create awareness among the beneficiaries. Around thirty-five members have participated in the programme. Anthropometry was taken for under 5 children and adolescents.



### School Health Assessment programme

The school health assessment programme was conducted at Calve School on 20.09.2024 and 23.09.2024. A total of fifty-four students were screened for anthropometry, haemoglobin, dental caries, refractive errors and general health examination.



### **Mahila Arogya Samiti Meeting**

Mahila Arogya Samiti was conducted at Vaithikuppam Anganwadi on 24.09.2024. Health awareness on cervical cancer screening and self-breast examination was given using IEC materials. They were also sensitised about various services available in JUHC. Women were encouraged to participate in community health improvement activities.



### **Palliative Care Screening by ALIMCO**

Screening of palliative care patients at home for assistive devices by ALIMCO was done on 23.09.2024. Fourteen patients were screened and ten beneficiaries were identified. Need for assistive devices were documented and an order was placed by the ALIMCO team.



### **Swachhata Hi Seva Campaign**

“Swachhata Hi Seva” campaign was conducted in Vaithikuppam beach on 29.09.2024 under the theme “Swacchata Sankar Swacchata.” Faculty, Residents, Interns, MSW students, and JUHC staff participated in the cleaning drive. A walkathon was conducted, followed by a pledge and cleanliness drive to promote cleanliness. As part of the campaign, a medical health camp was conducted for all the staff in JUHC and blood investigations were taken.



## JIRHC Monthly Report for JIPMER Website – September 2024

### Dengue awareness program

Dengue awareness program was conducted on 03.09.2024. Health education regarding source reduction, manifestation of dengue delivered by JRHC team in Thondamanatham community hall.



### Village Health Nutrition Day (VHND)

VHND was conducted in Ramanathapuram, Thondamanatham and Pillaiyarkuppam on 16.09.2024 and 23.09.2024 respectively. Activities including anthropometric assessment for under-five children, haemoglobin estimation and Iron tablet distribution was done. Health talk on balanced diet, healthy food, growth monitoring, dengue awareness, diarrhoea preventive measures and hand washing techniques was demonstrated.



### ALIMCO visit in JIRHC

ALIMCO team visited JIRHC on 11.9.2024 and 25.09.2024. Total forty patients were assessed by team for need of various assistive devices. Thirteen eligible patients were provided with various assistive devices which includes walker, LS belt, knee brace, spine brace, stool commode, tripod, tetrapod.



### POSHAN-Maah celebration

POSHAN-Maah was celebrated in Ramanathapuram Town Anganwadi centre on 28.09.2024. Features of complimentary food and practices were explained to the beneficiaries. Delicious and nutritious food were displayed and prizes were distributed accordingly.



## Swacchata Hi Seva

The Swachhata Hi Seva cleaning drive was conducted at Pillaiyarkuppam community hall surroundings on 29.09.2024. It was attended by Faculty, Medical officers, MBBS interns, MPH trainees, PSM residents and JIRHC staffs.



## 14<sup>th</sup> Short Course on Basic and Advanced Epidemiology with Hands-on Training in SPSS

Basic and Advanced Epidemiology Workshop was organized by Department of Preventive and Social Medicine JIPMER, Puducherry from 23rd September to 30th September in JIPMER International School of Public Health. A total of 40 participants including faculties, residents and MPH candidates joined in basic epidemiology workshop conducted from 23rd to 28th September. Approximately 25 participants joined in each of the four advanced courses on Regression, Survival Analysis, Sample Size Estimation and Diagnostic Accuracy conducted from 29th September to 30th September.

The Basic Course Schedule covered: Introduction to Study Designs, Observational and Interventional Studies, Sampling and Sample Size Estimation, Measures of Association, Descriptive and Inferential Statistics, Bias, Confounding and Interaction, Introduction to Diagnostic tests, Correlation and Introduction to Regression, Application of Epidemiological Principles: a. Outbreak Investigation b. Critical Review of Journal Articles with Hands on SPSS for the respective sessions.

The Advanced Epidemiology Course covered the detailed concepts on 1. Regression and its types, interpretation and reporting on a. Linear Regression b. Logistic regression, and c. Ordinal regression d. Poisson regression and e. Model Validation. 2. Survival Analysis including a. Life table and Kaplan Meier analysis, b. Log rank test and Cox-proportional regression. 3. Sample Size Estimation covering a. Theoretical concepts b. Power calculation c. Hands-on calculation with open-source software. 4. Diagnostic Accuracy covering a. Sensitivity, Specificity, Predictive values, Likelihood ratio. b. Receiver Operating Characteristic curve, c. Bland Altman plot, d. Kappa statistics. These courses also included Hands on SPSS for the participants in each of the four advanced epidemiology short courses.

