DEPARIMENT

COMMUNITY MEDICINE

GOAL

Undergraduate

To prepare students to function as proficient Community Physician in contemporary health needs & accountable to community

Postgraduate

Prepare a Planner, Manager,
Solution -seeker, Teacher and
Philosopher in health issues
of individual, family,
community, nation and crossnations

OUR TEAM

Teaching faculty with experience from

- International institution
- Public Health
 administration
- Armed Forces

Support Staff

- Medical social workers
- Sanitary inspector
- Teaching supportive staff/back office staff

FIELD PRACTICE AREA

Rural health Training Centre, Lavale



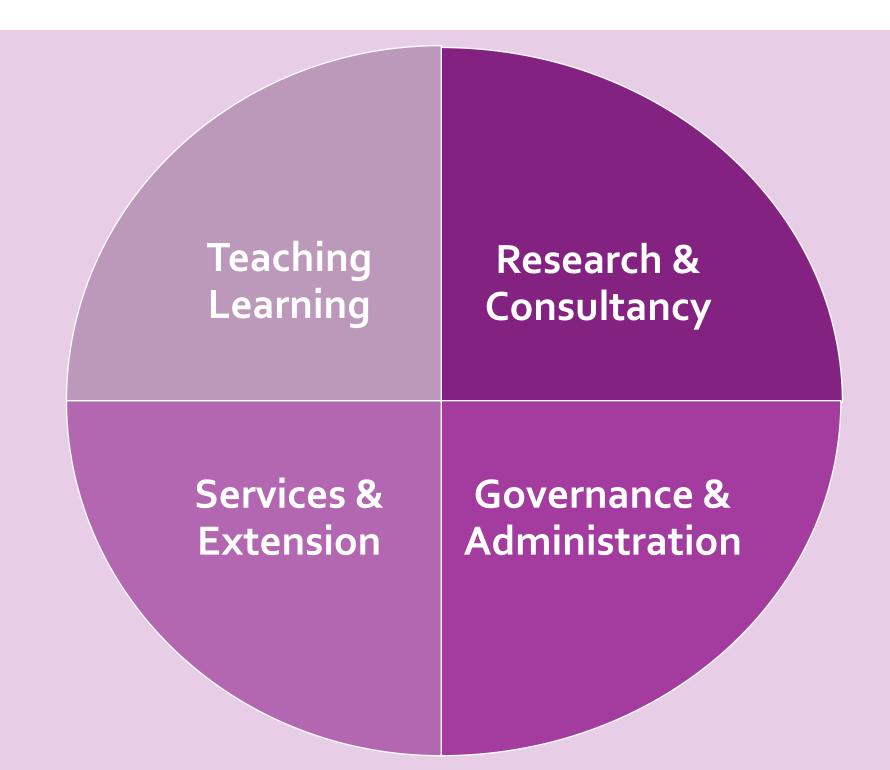
Urban Health Training Centre, Sadashiv Peth



INFRASTRUCTURE

- Well equipped library
- Museum
- Student laboratory
- Research laboratory
- Rural Health Training Center
- **Urban Health Training Center**

*CTIVITES



TEACHING LEARNING ACTIVITIES

Undergraduate:

I MBBS to Internship

Postgraduate - MD Community Medicine

Fellowship In Epidemiology

Certificate Course in Medical Biostatistics

Allied Health
Disciplines: PhD,
Nursing, Hospital
administration, Masters
in Social Work, Bsc.

Non Health Disciplines
-Engineering

TEACHING LEARNING PROCESS

Defined Specific Learning
Objectives (SLOs), Gnatt
chart of UG & PG teaching,
Bridge course for PG,
Research Methodology for
UG & PG

Flexible Methodology:
Seminar, Quiz, Scenario
based learning, Small group
revision series

Learner Centered Approach:

Research Projects

Community Intervention:

Health Education - role play, puppet show, Health Camp, Public Health Day

Educational visits:

Public health lab, Water purification plant, Sewage treatment plant, Milk dairy, Leprosy hospital, PHC,
Anganwadi

RESEARCH

Promotion of Research

Inculcating the research culture in undergraduate students

Research Methodology Workshop for PG & PhD students

Methodology and Statistical Guidance for research projects

Validation of research tools developed by students of various disciplines. e.g. MSc., Nursing

Ongoing Funded Research

A Study of Implementation of Preconception care for preventing adverse pregnancy outcome in Nashik District, Maharashtra

PI: Dr P P Doke: July 2018

Funded by – UNICEF, Maharashtra -70 Lakhs

Health and demographic surveillance system:

December 2018

Funded by – Bharati Vidyapeeth (Deemed to be) University - 56 Lakhs

Death audit among Tuberculosis diagnosed patients

PI: Dr P P Doke: November 2019

Funded by — Revised National Tuberculosis Control Programme - 2 Lakhs

Pneumonia Research Initiatives In Rural Areas and Urban Slums of Maharashtra.

- Investigators: Dr J S Gothankar, Dr P P Doke, Dr G B Dhumale, Dr S K Lalwani, Dr P D Pore.
- Study Period- December 2015- March 2018
- **Funded by -** Bill & Melinda Gates Foundation, The INCLEN Trust International.
- **Total funds-1**. 14 crore
- Publication Gothankar J, Doke P, Dhumale G, Pore P, Lalwani S, Quraishi S, Murarkar S, Patil R, Waghachavare V, Dhobale R, Rasote K. Reported incidence and risk factors of childhood pneumonia in India: a community-based cross-sectional study. BMC public health. 2018 Dec;18(1):1-1.

Post –Partum Maternal Morbidity With Reference To The Cesarean Section: One Year Comparative Follow Up Study

Investigators: Dr P P Doke, Dr A Patil, Dr V M Vaidya,

Dr APS Narula, Dr T Panchnadikar

- Study Period- September 2018- March 2019
- **Funded by** The United Nations Population Fund (UNFPA)
- Total funds- 18.00 Lakhs

Assessment of Quality of Sterilization Services In Maharashtra State, India

- Investigators: Dr P P Doke, Dr APS Narula
- Study Period- Dec 2017-March 2019
- Funded by The United Nations Population Fund (UNFPA)
- Total funds 3.14 Lakhs

Post Partum Intra Uterine Devices Evaluation

- Investigators : Dr P P Doke, Dr APS Narula
- Study Period-December 2017 March 2019
- Funded by The United Nations Population Fund (UNFPA)
- Total funds- Three lakh fifty six thousand

MNH Care Through SHGS Towards Democratization of Health Care - A Midterm Study (Sure Start Project, Solapur)

Investigators: Dr M Dandare, Dr J S Gothankar, Dr P D Pore,

Dr V M Vaidya, Dr S K Murarkar, Dr R S Patil

Funded by – PATH Foundation

Total funds- 1.5Lakhs

Assessment of Maternal And Child Health Care Needs At Construction Site In Pune City

- Principal Investigator: Dr. V M Vaidya
- Funded by Bharati Vidyapeeth (Deemed to be) University
- Total funds- 50,000
- Vaidya V, Biniwale N. Attitude, Willingness and Knowledge of Family Planning Amongst Male Construction Workers. LITERACY.;19:13-2.
- Vaidya VM, Hanumante NM, Joshi AM, Mahajan S. Immunization status of underfive children in migrants from periurban areas of pune. Birth. 2013;1(34):29-5.

Epidemio- Demographic Factors Affecting Health Status of Population Under Rural Health Training Center, Lavale

- Principal Investigator: Dr. S K Murarkar
- Study Period- October 2015- March 2017
- Funded by Bharati Vidyapeeth (Deemed to be) University
- Total funds- 25000/-

A Follow Up Study of High Risk People For Developing Metabolic Syndrome

- Principal Investigator: Dr. R S Patil
- Study Period- October 2015- March 2017
- Funded by Bharati Vidyapeeth (Deemed to be) University
- Total funds- 40,000/-

Funded Research Over the Years

2015-18:3-International
(Bill and Melinda Gates Foundation, UNFPA, UNICEF)
Rs. 1.14 crores, Rs. 18 lakhs, Rs. 55 lakhs

2012 2- State (Maharashtra State TB Society) Rs. 1,62,580 & 30,000

2012-19 10 - ICMR - STS Rs. 1,40,000 1- ICMR - Rs.4 Cr.

2016-17
Indian Public Health
Association
Rs. 20,000

2011-16 3 - BVP University Rs. 1,15,000

HEALTH & DEMOGRAPHIC SURVEILLANCE SYSTEM (HDSS), LAVALE

- HDSS is a **household census system** to monitor health trends, diseases (communicable & non-communicable as well) and vital events (births, deaths, migration, marriage etc) in the population.
- HDSS initiated in area under Rural Health & Training Centre (RHTC), Lavale on **1st January 2019**
- RHTC, located 26 km from the medical college, covers 13 villages from Mulshi block of Pune district.





HDSS METHODOLOGY

- Ongoing longitudinal observational study project including total population residing in field practice area of RHTC.
- Data collected using pre-designed, pre-tested, validated semistructured questionnaire incorporated into software application of tablet phones.
- Highlights of HDSS-
 - ✓ Paperless data collection using tablet phones
 - ✓ GPS enabled software application provided by Survey Solutions platform (offered by World Bank)
 - ✓ Involvement of existing Govt appointed Accredited Social Health Activists (ASHA) workers (where possible) and non-ASHA female volunteers for data collection.

HDSS BASELINE ROUND

- Baseline round (round '0') conducted from 1st January 2019 30 June 2019.
- Information form 12,500 families across 13 villages collected.
- Baseline questionnaire consisted of information related to
- Household registration
- Household characteristics
- Standard of living index indicators
- Family members information
- Registration of pregnancy

HDSS ROUND 1

- From 1st July 2019 till 31st December 2019.
- In round 1 following information is captured -
 - 1. Birth / Deaths/ Pregnancy outcome
 - 2. Migration
 - 3. Marriage
 - 4. Update in family
 - 5. Change in marital status
 - 6. Morbidity
 - 7. Immunisation

PUBLICATIONS (FACULTY/PG/UG) (IN LAST 03 YEARS)

National - 20

International - 19

RURAL HEALTH TRAINING CENTRE, LAVALE

- 26 km from Bharati Vidyapeeth Deemed University Medical College, Pune.
- Covers 13 villages from Mulshi block of Pune district
- Catering to approximately 62671 population



MAP: VILLAGES UNDER RHTC



RHTC PROFILE

Total population - 62671

Villages - 13

Gram panchayat -12

PHCs - 3 (Maan, Mutha & Male)

PHU Pirangut -1

Subcentre - 2 (Ghotawade, Urwade)

Schools- Primary -21

Secondary- 3

Higher secondary-3

Anganwadi-30

Mahila bachat gat/ SHG -172

Tarun Mandals -57

Total Number of Villages receiving tap water supply-13

INFRASTRUCTURE

3 storied state of the art building:

- 2482 Sq. meters of built up area
- Independent water supply and water storage facility
 - 24 hours inverter and generator back up
 - Labour room
 - **Operation theater & Labor room**
 - Laboratory & X-ray
 - Counseling room
 - **General store room**
 - Pharmacy
 - Administrative office

CENTRE BASED SERVICES

- General OPD
- Specialist OPD/Dental OPD
- Indoor services
- Referral services
- Laboratory services
- X- ray
- **SMART SCOPY**

- National Health Programmes :
 - NCD/MCH/IMMUNISATION
- Counseling by MSW
- Ophthalmology
- Dermatology
- Homeopathy
- Optometry

Use of Smart Scope for Cervical Pathology Screening at RHTC, Lavale.

* Catering to women in remote areas with limited diagnostic facilities.

- June 2018 : Initiated
- Catchment area: villages in the field practice of RHTC Lavale + outdoor camps held in villages under PHC-Mutha
- Till September 2019 : 197 patients screened.
- Specialist via telemedicine managed 99 patients & 8 patients with CIN referred to OBGYN dept of Bharati hospital

CERVICAL PATHOLOGIES	NO. OF CASES
HEALTHY CERVIX	91
CERVICAL EROSION	74
MIXED CERVICAL INFECTIONS	19
CERVICAL POLYPS	13
Total	197

TL Laparoscopy Camps At RHTC, Lavale

- 2018: RHTC Lavale renovated and upgraded its OT
- January 2019: started laparoscopic camp at RHTC, Lavale in collaboration with Primary Health Centre, Mutha.
- As on 30th September 2019 8 laparoscopic camps conducted at RHTC Lavale.
- Total 111 patients under went laparoscopic TL surgery

TRAINING

UG, PG, NSS students

Interns Orientation
training (5 days),
Centre & Field
Based Training(3
weeks), field
research project
etc.

Grass- root level health workers:

Accreditated Social Health Activist (ASHA),

Anganwadi workers,

Multipurpose Workers (MPWs)

Bhugaon Immunization Camp

Male PHC Visit(2/01/2028





Community Based Activities

Visit to AWC & health check up of Children



Lecture to School Children Lavale on Smoking & Tobbaco



Health Check-Up at Anant Rao Pawar College



Hand Washing Lect. Demo by Interns at BVCOE, Lavale



Community Based Activities

Celebration Of International Womens Day





Center Based Activities











WTB Day attended by RHTC staff , GPs , Interns & PG Students



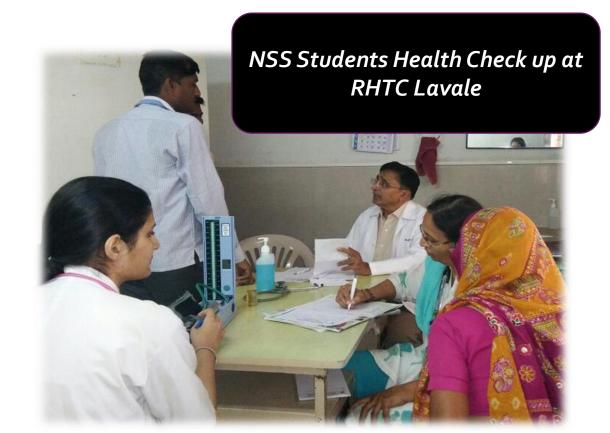
Anganwadi Training Conducted by THO at RHTC Lavale



Discussion Session With Interns At RHTC.



Center Based Activities



Lecture to ZP school Children on Tambhaku Mukt Abhiyaan



Specialist OPD









EXTENSION & CTIVITIES THROUGH RHTC & ND UHTC

- Medical care, referral services
- Health check up camps
- Training (UG & PG students & interns, ASHA, AWW)
- Health education & Counseling
- Celebration of public health days
- Research projects by interns
- Family Health survey by UG students
- Implementation of National Health Programmes

COLLABORATIONS

- **Government STP**
- Pune Municipal Corporation, Health dept.
- Sri Satya Sai Seva Organisation
- Rotary club
- **CSR Yardi Software**
- Chest Research Foundation (CRF)

FORECASTING & RESEARCH (SAFAR)]

Institute of Tropical Meteorology [SYSTEM of AIR QUALITY

CONSULTANCY

- UNICEF
- **United Nations Fund Population Activities (UNFPA)**
- Pune Health Care Management & Research Centre
- YASHADA, Pune
- Symbiosis Center of Health Care, Pune
- Government of Maharashtra

KNOWLEDGE EVENTS ORGANIZED

Event	Year	Title
State Conference	2015	Emerging Threats in Public health
State level Quiz	2015	Final round of Maharashtra state IPHA- UG quiz
State CME	2015	Scientific Research Proposal Development
	2015	CME For Medical Officers From Tribal PHCs of Maharashtra
	2014	Vector Borne Diseases
	2012	Healthy Ageing

No.	Name of Faculty	Journal
1	Dr. J.S.Gothankar	I. Reviewer : PLOS One
2	Dr. P. P. Doke	 Member of Editorial Review Board: MGM Journal of Medical Sciences Reviewer: BMJ, WHO South East Asian Journal, Indian Journal of Public Health, Global Health, International Journal of Reproductive health, International Tropical Journal of Public health Executive Editor: Bharati Vidyapeeth Medical Journal
3	Dr. P. D. Pore	I. Reviewer : Indian Journal of Public Health Medical Journal of Dr. D.Y. Patil University
4	Dr. Aarati Pokale	 Reviewer – Scholars Journal of Applied Medical Sciences Associate Editorial Board Member : EAS Journal of Medicine and Surgery Executive Editor : Bharati Vidyapeeth Medical Journal
		43

AWARDS - FACULTY

Dr. P. P. Doke

• Best Oral Presentation – IPHACON - 2016

Dr. P. D. Pore

• 1st Prize - Oral Presentation - IPHACON - 2016

Dr. V. M. Vaidya

Rotary Award - Best Project Award 2012,14

Dr. S.K. Murarkar

• 2nd Prize - Oral Presentation -RESCON, BVDUMC-2017

Dr. Aarati Pokale

- 1st Prize Oral Presentation. IPHACON- 2012
- 2nd Prize Eposter RESCON, BVDUMC- 2013
- 1st Prize Eposter RESCON, BVDUMC 2016

AWARDS - POSTGRADUATE STUDENTS

Abhiraj Suryawanshi: 1st Prize - Oral - IPHACON 2016 1st Prize - Poster - IPHACON 2017 Iqbal Farooqi:

2nd prize: Oral: Transcon 2016 3rd prize: Oral: National Conference on Safe and Sustainable Hospitals 2016

Dr. Sana : 3rd Prize – Eposter – RESCON 2019

AWARDS - UNDERGRADUATE STUDENTS

Prerna Bhat 1st Prize - Oral - RESCON, BVDUMC 2014 Anant Singh &
Antariksh Agarwal

1st Prize - Poster - PLEXUS 2015

Sameera Mehta

1st Prize - Oral - RESCON, BVDUMC 2015

Tanvi Bafna

1st Prize - Eposter - RESCON, BVDUMC 2015

AUTHOR: BOOKS & CHAPTERS

Epidemiology and management for health care.

Edition: 4th 2014. ISBN: 81-8406-010-6. Authors: Dr. P. V. Sathe, **Dr. P. P. Doke**.

Vora Medical Publications.

Text Book of Community Medicine.

Edition: 5th, 2017 ISBN: 81-86361-41-3.

Authors: Dr.A.P.Kulkarni, Dr.J.P.Baride, Dr.P.P.Doke, Dr.P.Y.Mulay

Textbook of Prevention Practice and Community Physiotherapy

Chapter: Public Health in India. Dr. P.P.Doke

Jaypee -The Health Sciences Publisher. First edition 2018 978-93-5270-325-8

CERTIFICATE COURSE OF BIO-STATISTICS IN MEDICAL RESEARCH

Initiated: 2019

Total Duration of course : 12 Saturday

Total enrolled candidates: 20



BEST PRACTICES

- Health & Demographic Surveillance (HDSS) in rural field practice area.
- Certificate Course in 'Biostatistics in Medical Research'
- Screening of Cervical Pathologies using Smart Scope (IT) at Rural Health Training Centre, Lavale.
- Undergraduate Research Projects

FUTURE PLANS

Advanced Course in Biostatistics

Urban HDSS

MOU with NGOs for UG/ PG elective posting or

volunteering opportunity.

GALLERY







UHTC: HEALTH CHECKUP CAMPS













UHTC: HEALTH CHECKUP CAMPS

























FAMILY HEALTH SURVEY AT RHTC



Conducting Surveys in Nande



Filling proformas at Kasaramamboli



Measuring Blood Pressure



UG students taking history on family health



Counseling to patient by faculty with U G students

FAMILY HEALTH SURVEY AT UHTC



UG student taking history at Patil Vitbhatti Vasahat

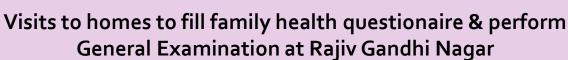


Students conducting family health survey at Padmavati



Family Health Surveys at Ambil Odha





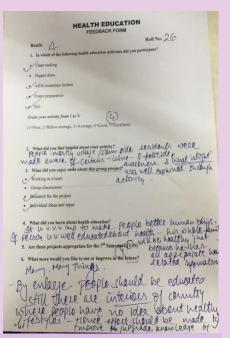






Survey on Family Health done at More Vasti

HEALTH EDUCATION



Health Education



Community Awareness on HIV-AIDS



Handwash Poster

Students imparting knowledge to

children regarding Dengue



education

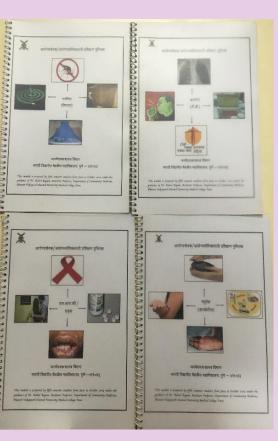


Administering

Nasovac

Community Awareness on Swine Flu





Arogya Sevika

ACTIVITIES ON PUBLIC HEALTH DAYS









World Breast Feeding Week

Worlds AIDS Day



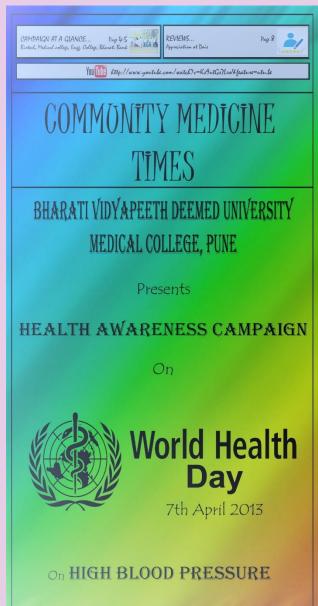
World Tuberculosis day



World Health day



National Nutrition Week









Celebreting 50 glorious years of Bharati Vidyapeeth University and 25 years of Bharati Vidyapeeth University Medical College, Pune.

Bharati Vidyapeeth University Medical College, Pune has always been at the forefront of healthcare especially when it comes to community activities. This year on occasion of Golden Jubilee of Bharati Vidyapeeth University and Silver Jubilee of Bharati Vidyapeeth University Medical College, Pune, the Department of Community Medicine decided to take the theme of Hypertension of World Health Day 2013 to the doorstep of the people.

The Health Awareness Campaign on Hypertension was conducted for the people of Dhankawadi by student volunteers of VI Semester.



STRENGTHENING

ROOTS



OF

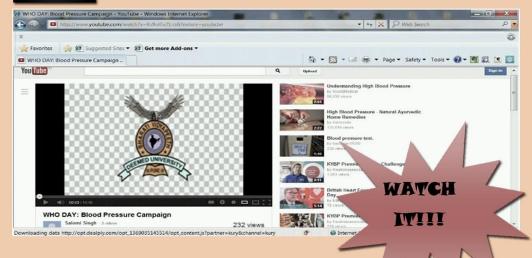






To educate the participants, interview of renowed Dr. Kavita Krishna & Dr. Jayashree Gothankar was shred with them to inculcate about risk factors, complications and management of Hypertension.

You Tube



Dr. Kavita Krishna



Dr. Kavita talked about the clinical aspects of Hypertension. She enumerated modifiable risk factors like smoking, alcohol, obesity, stress correlating symptoms like the patient can present with headache, giddiness, convulsions, stroke, hypertensive retinopathy, nephropathy, myocardial infarction etc.

Dr. Jayashree Gothankar

Dr. Gothankar highlighted the prevailing scenario of Hypertension at community level. She also focused on how dreadful complications affect not only the patient but also the family and how the socio-economic strata of the individual is low, it further deteriorates their condition.



Photo Gallery of



NATIONAL CME ON VECTOR BORNE DISEASES: 2014



IPHA INTERCOLLEGIATE QUIZ: 2015



MAHARASHTRA IPHA IAPSM JOINT CONFERENCE 2015



WHO DAY 7 APRIL 2015 - POSTER COMPETETION





CME FOR MEDICAL OFFICERS FROM TRIBAL AREA OF MAHARASHTRA 27 th to 29 th April 2015



Sponsored by National Health Mission, Government of Maharashtra

Organzied by

Department of
Community Medicine
Bharati Vidyapeeth University Medical College,
Pune-411043



Venue

Lavasa International Convention Centre, A/P: Dasve Lavasa, Taluka Mulshi, Pune.











सर्वकार् सर्वेक्षण

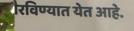
पुणे महानगरपालिका घन कचरा व्यवस्थापन विभाग

सन्मानपत्र

मिशन २०२०: लक्ष्य शून्य ते शंभर

भारती विद्यापीठ, मेडिकल कॉलेज

पुणे शहरात दिनांक २५/०९/२०१९ रोजी उद्भवलेल्या पूरपरिस्थितीत आपण केलेल्या स्वच्छता,





महापालिका आयुक्त पुणे महानगरपालिका







आळ

श्रद्धा

ज्ञाने

समा

संप्र

संज

कात्रज: भारती विद्यापीठ मेडिकल कॉलेजच्या विद्यार्थ्यांनी नागरिकांमध्ये प्लॅस्टिकचा वापर टाळण्याबाबत जागृती केली.

भारती विद्यापीठ मेडिकल कॉलेजच्या विद्यार्थ्यांकडून समाजप्रबोधन

कात्रज, दि. ५ - महात्मा गांधी जयंतीच्यानिमित्ताने २ आंक्टोबर रोजी भारती विद्यापीठ मेडिकल कॉलेज पुणे येथील तृतीय वर्षांमध्ये शिकत असलेल्या विद्यार्थ्यांनी विविध सामाजिक उपक्रमांचे आयोजन केले होते. या उपक्रमांमागे प्लॅस्टिकचा वापर टाळणे व पर्यावरणपूरक वस्तूंचा वापर करणे हा प्रमुख उद्देश होता. यासाठी स्वच्छता मॅरेथॉन, स्वच्छता रॅली, पोस्टर कॉम्पिटिशन व आंबेगावातील पूरग्रस्त भागांमध्ये जाऊन स्वच्छता केली. याप्रसंगी प्रा. डॉ. मनी व उपप्राचार्य करमरकर यांनी विद्यार्थ्यांना मार्गदर्शन व प्रोत्साहन दिले आणि प्लॅस्टिकचा वापर बंद करण्याबाबत मार्गदर्शन केले. तसेच विद्यार्थ्यांना प्लॅस्टिक वापरणार नाही याची शपथ दिली. या संपूर्ण उपक्रमाचे नियोजन व मार्गदर्शन डिपार्टमेंट ऑफ कम्युनिटी मेडिसीन विभागाच्या प्राध्यापिका डॉ. वर्षा वैद्य यांनी केले होते. या कार्यक्रमात विद्यार्थ्यांनी उत्साहाने भाग घेत समाजप्रबोधन केले.











POSHAN MAAH 2019

Training of trainers

BCC and Health Education in Community

Health Exhibition

Health Education in Anganwadi

Health checkup camps

Health Awareness Rally Videos : Dietary advice by nutritionists Health education activities in collaboration with NGO

Diet survey of medical students

Contests : Selfie with healthy drink & 3 days 3 healthy meals

POSHAN MAAH 2019





























