

**Executive Summary**  
**National Conference on Tribal Health Research - Issues, Challenges & Opportunities**  
**(19<sup>th</sup> -21<sup>st</sup> September 2019 )**

**1) Organizers, Main Sponsor & Cosponsors of the Conference:**

National Conference on Tribal Health Research-Issues, Challenges and Opportunities was organized by Centre for Social Medicine (CSM)'s Centre for Research in Tribal health and Services (CRTHS), PIMS-DU on 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup> September 2019 at Pravara Institute of Medical Sciences, Loni and Bhandardhra Campus. The main sponsor of the Conference was Pravara Institute of Medical Sciences - Deemed to be University (PIMS-DU), Loni. The knowledge and co-sponsors of the conference are (1) Ministry of Tribal Affairs, Government of India, (2) Tribal Research and Training Institute (TRTI), Government of Maharashtra, Pune and (3) WHO, India.

**2) Main Theme of the Conference:**

Considering the present scenario of tribal health and research in the country, the theme of the conference was aptly chosen as “Tribal Health Research - Issues, Challenges and Opportunities”.

**3) Sub Themes of the Conference**

The following sub-themes which have direct or indirect impact on health have been chosen as research priorities

- a) Tribal Health-Disease burden (CDs & NCDs), Health status and trends
- b) Tribal health-Innovative health care technologies
- c) Tribal Health-Food and Nutrition security
- d) Tribal health in India-Universal health coverage- Policies and directions
- e) Tribal health-Traditional Healing Practices and Ethno-medicine
- f) Tribal health-Innovative healthcare delivery models

#### 4) Inaugural Function of the Conference

The Conference was inaugurated by Dr Abhay Bang, (Padmashree Awardee), Director, SEARCH, Gadchiroli as a “Chief Guest”. Dr. Rajendra Vikhe Patil, Pro-Chancellor, PIMS-DU, Loni has presided over the function and delivered presidential address.



Shri Nitin Patil, I.A.S, Managing Director, Maharashtra State Cooperative Tribal Development Corporation Ltd. Nashik, representing the Government of Maharashtra and Dr. Chandrakant Lahariya, WHO India – the two Co-sponsors of the conference and Dr. H. Sudarshan (Padmashree Awardee), Secretary, Secretary, VGKK & Karuna Trust, Bangalore were the “Guests of Honour” for the inaugural function. Dr. Y.M. Jayaraj, Vice Chancellor, Pravara Institute of Medical Sciences – Deemed to be University, Loni has delivered the welcome address, Prof. K.V. Somasundaram, Organizing Chairman has introduced the main theme, sub-themes and scientific program of the three day conference, Dr. Sunil Thitame, Organizing Secretary of the conference presented Vote of thanks.



## 5) Keynote Addresses of the Conference

During three days of conference, many experts in the field of tribal health and research participated in the deliberations and discussions. The Scientific Programme included 5 key note addresses by eminent personalities of national and international repute.



- i. **Dr. Abhay Bang** (Padmashree Awardee), Director, SEARCH, Gadchiroli, Maharashtra, delivered the first key note address on the main theme of the conference – “Tribal Health Research-Issues, Challenges and Opportunities”. During his speech Dr. Bang has set the agenda for the conference with his vast field experience and knowledge on the subject, provided in depth information on various aspects of tribal health and research and also presented the important findings of the recent Expert Committee on Tribal Health in India of Government of India, which he has chaired.
- ii. Followed by the Second key note address was delivered by **Dr. H Sudarshan** (Padmashree Awardee), Secretary VGKK, and Karuna Trust Bangaluru on “Integrating Tribal Medicine and Primary Health Care”. He highlighted the ground realities of the tribal health and problems the experiences of VGKK and Karuna Trust in Karnataka and other States in overcoming them.
- iii. The Third Key note address was delivered by **Shri Nitin Patil**, I.A.S, Managing Director, Maharashtra State Cooperative Tribal Development Corporation Ltd. Nashik. In his speech, he presented detailed information on various government Policies and programmes for empowering tribal people and improving their livelihood, health and wellbeing of tribal population in Maharashtra.

- iv. Fourth keynote was delivered by **Smt Manisha Verma**, I.A.S., Principal Secretary, Tribal Development Department, Government of Maharashtra dealt with various “Tribal Health and Nutritional Initiatives of Government of Maharashtra”
- v. The fifth Keynote address was delivered by **Dr. Deepak Khandekar**, I.A.S., Secretary, MOTA, New Delhi on the “Socio-economic, cultural and rehabilitation issues of tribal people in India”



## 6) Plenary Sessions of the Conference

During three days conference, we had six plenary sessions in which seventeen expert researchers on tribal health which include-

**Plenary 1:** Tribal Health - Disease Burden (Communicable and Non-Communicable Diseases), Status and Trends – Chaired and Co-chaired by **Dr. Chandrakant Lahariya**, NPO, WHO, India & **Air Vice Marshal (Retd) Rajvir Bhalwar**, Dean, Rural Medical College, Loni.

- i. “*Tribal Women’s Health Realities and Challenges*” **Dr. S. Chhabra**, Emeritus Prof, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha, Maharashtra
- ii. “*Profile of Communicable Diseases among Tribal Population: Mainstreaming them to achieve UHC*” **Dr. Dipak Raut**, Director, Health and Family Research Centre, GoI, Mumbai
- iii. “*Tribal Health – Problems, Solutions, Research and Policy recommendations* by **Dr. Ashish Satav**, MAHAN Trust, Melgath, Maharashtra

**Plenary 2:** Tribal Health – Tribal Health – Innovative Healthcare Technologies – Chaired and Co-chaired by Prof.K.V.Somasundaram And Dr.S.Chabra.

- i. *“Technologies to improve access to healthcare in remote tribal areas”* **Dr. Prema Nedungadi**, Director, Amrita CREATE, Kochi
- ii. *“Telemedicine in improving healthcare delivery in tribal areas”* **Dr. Shailendra Kumar Hegde**, Piramal Swasthya Management and Research Institute, Waltair, Andhra Pradesh
- iii. *“CareMother: A Mobile Maternal Care Intervention in a Tribal District In India”* **Mr. Shantanu Pathak**, Care NX Innovations, Mumbai



**Plenary 3:**Tribal Health – Food, Nutrition Security & NCDs - Chaired and Co-chaired by Shri Nitin Patil and Dr.T.Sivbalan.

- i. *“The Balanced Food Basket”* by **Dr. Niraj Hatekar**, Prof of Economics, Mumbai University.
- ii. *“Traditional Seed Conservation Bank-Documentary Film* **Smt.Rahibai Popere**, Nari Shakthi Awardee-2018 by President of India
- iii. *“Profile of Non-communicable Diseases among Tribal Communities”* **Dr. Subhojit Dey**, Executive Director, Disha Foundation, Gurugram, Haryana

**Plenary 4:** Tribal Health in India - Universal Health Coverage - Policies and Directions-  
Chaired by Dr. Chandrakant Lahariya, NPO, WHO, India

- i. *“Inequities and gaps in attaining UHC: Insights from THETA project in Karnataka, Kerala and Arunachal Pradesh”* **Dr. Prashant N Srinivas**, Inst of Public Health, Bangaluru
- ii. *“Challenges of Health Access by Tribal people in Rajasthan”* **Dr. Kuldeep Singh**, Dean-Academics, AIIMS, Jodhpur
- iii. *“Emerging Need for Universal Access to Health Services for Inter and Intra state Tribal Migrants in India”* **Dr. Anjali Borhade**, Director, Disha Foundation, Haryana

**Plenary 5:** Tribal health-Traditional Healing Practices and Ethno-medicine –Chaired by Dr.Kuldeep Singh. Dean, Academics, AIIMS, Jodhpur.

- i. *“The priority research projects of NIPER on tribal and ethno-medicine”* by **Dr. Alok Goyal**, Asso. Prof., National Institute of Pharmaceutical Education and Research, Chandigarh, Punjab
- ii. *“Role of Ethno-medicines and Tribal Knowledge in Drug Discovery”* by **Dr. Digambar Mokhat**, Savitribai Phule Pune University, Pune

**Plenary Session 6:** Tribal Health – Innovative Healthcare Delivery Models – Chaired & Co-Chaired by Dr. Vidyasagar, Principal, Rural Dental College, Loni and Dr.Supriya Dhakane, Asso. Professor, Dept. of Community Medicine, Dr.Vasantarao Pawar Medical College, Nashik respectively.

- i. *“Comprehensive Rural and Tribal Healthcare Delivery Model of Pravara”* by **Prof. K.V. Somasundaram**, Director, CSM, PIMS, Loni
- ii. *“Effect of Interventional Programs on the health & education of government tribal schools – A Case Study”* **Mr. Kadam P.T.**, ITDP, Rajur
- iii. *“Holistic Approach for Tribal Health Improvement”* **Dr.Anand Phatak**, Dr.Babasaheb Ambedkar Vaidyakiya Pratishthan, c/o Dr.Hedgewar Hospital , Garkheda Aurangabad.431005

Dr. Chandrakant Lahariya, NPO, WHO-India, Chaired two plenary sessions, explained in detail the concept of Universal Health Coverage (UHC) and participated in various sessions and contributed in the discussions that followed.

## 7) Scientific Thematic Sessions (Oral and Poster) of the Conference

There were eight thematic scientific sessions during first and second day of the conference. A total of 39 oral and 17 poster presentations were done by the researchers who had come from 11 states of India.

All scientific sessions were held as per the schedule and facilitated by Chairman and Co-Chairman and largely attended by the delegates. The sessions were interactive and participatory. The discussions were very useful for framing the “Bhandardara Declaration” which could result into a benchmark document that will help perhaps in framing the future policies and programmes for tribal health and research in India. Following are the details of thematic sessions.

### SCIENTIFIC SESSION 1 -

**THEME:** Tribal Health - Disease Burden Status & Trends.

**Chairman-** Dr.Dhawal Thorat, Dy. Commissionaire, Family Welfare Training & Research Centre; Mumbai - 400 004, Maharashtra, India **Co-Chairman-**Dr.V.B.Bangal, Prof. & Head, Dept. of OBGY, Rural Medical College, Loni

- i. Study of fluorosis prevalence in endemic villages of a tribal district of Chhattisgarh state, India By **Ranjana Gaikwad**, Care and Cure Development Welfare And Research Society, Ring road no-1. Kushalpur, Raipur, CG.
- ii. Care and cure development welfare and research society, Ring road no-1. Kushalpur, Raipur, CG by **Jose Jom Thomas**, Dept. of Community Medicine, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, Karnataka.
- iii. Menstrual hygiene practices and menstrual problem among tribal women of reproductive age group from Akole Taluka of Ahmednagar District by **Shraddha Bhargande**, Centre for Social Medicine, PIMS-DU, Loni
- iv. Prevalence Of Water, Sanitation And Hygiene (WASH) Practices, Diarrhoea And Under nutrition In Tribal Regions Of Mokhada, Palghar by **Angeline Jeyakumar Peter**, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University (Formerly University of Pune), Pune, Maharashtra
- v. Study of Menstrual Health Practices and Menstrual Problems among Women of Reproductive Age Group from tribal community of Ahmednagar District By **Mrudula Suryakant Mungase**, Rural Medical College, Loni.
- vi. Tribal livelihood migration and public health implications in INDIA by **Dr Anjali Borhade**, Director, Disha Foundation, Haryana, E44, Florence Villa, Opp HDFC School, Sector 57, Sushant Lok Phase 3, Gurgaon, Haryana, 122 003.

## SCIENTIFIC SESSION 2

**THEME:** Disease Burden Status & Trends

**Chairman:** Dr. Sudhir Wanje, Joint Director, FWTRC, Mumbai **Co-Chairman-**  
Dr.D.B.Phalke, Professor, Dept. of Community Medicine, Rural Medical College, Loni

- i. Effect of tobacco on periodontal health status assessed in a tribal community of Rajasthan, India. By **Dr. Anmol Mathur**, Dept. of Public Health Dentistry, Dr. D.Y. Patil Vidyapeeth, Pimpri Pune.
- ii. Assessment of senior fitness test in elderly population of tribal area of Ahmednagar district: Descriptive study by **Dr. Deepali Nivrutti Hande**, Dr. APJ Abdul Kalam college of Physiotherapy, Pravara institute of medical sciences Loni. Pin code: 413736
- iii. Study of Case Finding, Diagnosis & Treatment of Moderate & Severe Acute Malnutrition (MAM and SAM) and TB in Children (<5 years) and reverse contact tracing for Tuberculosis among their family members, in Bhandardara Tribal area of Akole Block in Ahmednagar district, Maharashtra by **Dr. (Col) Rama Krishna Sanjeev**, RMC, PIMS, Loni(BK).
- iv. “Haemoglobinopathies in adolescent Tribal School Children of Maharashtra.” by **Prakash Vilas Pawar**, Moving Academy of Medicine and Biomedicine, 2nd floor, “Rainbow” building,S.No. 110/11/11 & 16,Baner road, Baner,Pune 411045.
- v. Sociodemographic and clinical profile of Antenatal mothers in tribal valley of Araku, Andhra Pradesh **Dr. Md Abdul Wassey**, Piramal SwasthyaManagment Research Institute, Hyderabad
- vi. Pattern And Prevalence Of Maxillofacial Fractures In Rural Tribal Children: A Retrospective Study by **Dr. Saurabh Ramesh Joshi**, Dept. of Pedodontics, Rural Dental College, Loni
- vii. Strengthening health systems in tribal districts of India, experience from Dantewada by **Dr Aman Mohan**, WHO, India, Chhattisgarh

## SCIENTIFIC SESSION 3

**THEME:** Tribal Health - Ethnicity, Genetics, Society, Culture, Lifestyles, Migration

**Chairman:** Dr.Neeraj Hatekar, Professor, Dept. of Economics, University of Mumbai.

**Co-Chairman:** Dr.Balaji Almale, Professor & Head, Dept. of Community Medicine,  
Dr.Vasantarao Pawar Medical College, Nashik



- I. Contraceptive Behaviour Of Ever Married Women In Tribal Area Of Ahmednagar District Of Maharashtra By **Dr. Shrestha Pandey**, Centre For Social Medicine, PIMS-DU, Loni
- II. A Study of Consanguineous Marriages And Pregnancy Outcome Among Tribal Population in Akole Taluka Of Ahmednagar District, Maharashtra by **Lavisha Liyakat Junani**, Centre For Social Medicine, PIMS-DU, Loni.
- III. Oral Health Related Quality of Life Among Tribals Of Western Ghatin Akole Block of Maharashtra By **Dr.Mohammad Afwan Khan**, Centre for Social Medicine, PIMS-DU, Loni.
- IV. Socio Economic Status, Health Seeking Behaviour and Awareness on Cancer Disease Among Tribal Population By **Dr. T. Sivabalan**, College Of Nursing, PIMS-DU, Loni
- V. A Study on Perception and Pattern of Alcohol Consumptions, Its Impact on Socio-Economic and Health, Especially Mental Health of The Tribal Population of Akole Tribal Block of Ahmednagar District, Maharashtra by **Amruta Babu Mathew**, Centre For Social Medicine, PIMS-DU, Loni
- VI. Genetic Analysis of HLA Polymorphism in Tribal and Non-Tribal Population of Maharashtra, India: A Pilot Study by **Dr.Sonali Das**, Centre for Biotechnology, PIMS-DU, Loni
- VII. Utilization of MCH services in Akole Maharashtra by **Dr. Sucharita Dutta**, PG student Department of PSM, Rural Medical College, PIMS-DU, Loni.

#### **SCIENTIFIC SESSION 4**

**THEME-** Tribal Health - Hunger, Food and Nutrition Security, Dietary Habits

**Chairman:** Dr.Pradeep Dwivedi, Asso. Professor, AIIMS, Jodhpur.

**Co-Chairman:** Dr.Mahendra Shende, Principal, Dr.APJAK College of Physiotherapy, Loni.

- i. Inequality between the Paniya and Kurichiya tribal communities in the Wayanad district of Kerala in the ecomposite index of anthropometric failures: A community based cross-sectional study by **K.U. Sabu**, Sree Chitra Tirunal Institute of Medical Sciences, Trivandrum, Kerala.
- ii. Malnutrition among under-five tribal children with special focus on dietary intake in Akole Block of Western Ghat, Maharashtra, India by **Sanjay Kumar**, Centre for Social Medicine, PIMS- DU, Loni.
- iii. Status of Maternal Infant Young Child Nutrition indicators in 19 tribal blocks of Amravati, Gadchiroli, Nashik and Palghar districts of Maharashtra, India by **Jitendra Sawkar**, Sulochana Thapar Foundation, Pune

- iv. Engaging Gram Panchayats in converged actions to improve nutritional outcomes for tribal mothers and children: Early results from a qualitative study in Maharashtra. by **Akash Sanjay Patki**, Sulochana Thapar Foundation, Pune.
- v. Infant and Child Feeding Practices among Tribal Population in South India by **Nisha K Jose**, Sree Chitra Tirunal Institute of Medical Sciences, Trivandrum, Kerala.
- vi. Addressing Undernutrition through Community Mobilization among children in tribal areas of Shahapur, Thane by **Ms Sangeeta Tribhuvan**, AMCHI, Population First, Thane.
- vii. Finger millet: Crop for Nutritional Security by **Sanjay G. Auti**, HPT Arts and RYK Science, Nashik.

### **SCIENTIFIC SESSION 5**

**THEME-** Tribal Traditional and Ethno Medicine & Health Policies & Systems

**Chairman-**Dr. John Gaikwad, Consultant, Tribal Training and Research Institute, Pune

**Co-Chairman:** Dr. S. N. Jangle, Prof. & Head, Dept. of Biochemistry, Rural Medical College, Loni.

- i. Social Transformation of Maternal Health Services: An exploratory study of the Parhaiya and Korwa Particularly Vulnerable Tribal Group (PVTG) in Jharkhand by **Veena Vandana**, Centre of Social Medicine & Community Health, School of Social Sciences, Jawaharlal Nehru University, New Delhi-110 067.
- ii. Tribal nutrition fellowships for addressing knowledge and capacity gaps at grassroots: Experience from Maharashtra, India by **Lalita Madhukar**, Mahajan Sulochana, Thapar Foundation, Pune
- iii. Indian Tribal Herbs for Diabetes by **Sunayana Rahul Vikhe**, Research Scholar, Pravara Institute of Medical Sciences, Loni Bk

### **SCIENTIFIC SESSION 6**

**THEME:** Tribal Health Care - Policies & Systems, Implementation, Human Resource, Financing

**Chairman:** Dr. Pradeep Dwivedi, Asso. Professor, AIIMS, Jodhpur.

**Co-Chairman:** Dr. V. D. Phalke, Professor, Dept. of Community Medicine, Rural Medical College, Loni.

- i. Assessment of the needs, access and utilization of Ambulance Services in Akole Tribal Block of Maharashtra by **Shalaka Kokane**, Centre for Social Medicine, PIMS-DU, Loni

- ii. Challenges in planning and implementing good quality surveys in tribal areas: Insights from THETA project by **Mahantesh Kamble**, Institute of Public Health, 3009, 2nd A Main, 17th Cross, Siddanna Layout, KR Road, Banashankari 2nd Stage, Bangalore – 560070
- iii. School-In-Development: A Case of Student’s Participation and Mobilization for Achieving Better Health Outcomes. By **Mr Fazal Pathan**, Population First, Bunglow No-3, Paramahans CHS, Near New RTO, Next to VITS Sharanam Hotel, Thane – 400604
- iv. Overview of nongovernment organizations working in reproductive maternal, neonatal, child health and nutrition domain in tribal India: A Landscape Study by **Ashish Giri**, Piramal Swasthya Management and Research Institute, Plot no. 120, 3 rd Floor, 8-3-290, Srinagar Colony, Hyderabad-500073
- v. Child Healthcare Scenario Among Tribal Population – An account From Araku Valley of Andhra Pradesh by **Sudheer Kumar Nadipally**, Piramal Swasthya Management and Research Foundation, 3rd Floor, G.K. Classics, #8-3-990, Plot No. 120, Srinagar Colony, Hyderabad – 500073, India.
- vi. Efficacy of Saksham: An intervention for improving coverage of MIYCN Indicators among tribal communities in Maharashtra, India by **Jayarajan Tirumittakode**, Sulochana Thapar Foundation, Pune
- vii. Delivering comprehensive primary healthcare in tribal areas of Southern Rajasthan: case study of AMRIT Clinics by **Dr. Gargi Ratan Goel**, Primary healthcare physician, Basic healthcare services 39 Krishna colony Bedla Road, Udaipur, Rajasthan - 313001

## **SCIENTIFIC SESSION 7**

**THEME:** Tribal Health - Disease Burden, Status & Livelihood,

**Chairman:** Dr. Supriya Dhakane, Asso. Professor, Dept. of Community Medicine, Dr. Vasant Rao Pawar Medical College, Nashik.

**Co-Chairman:** Dr. J.D. Deshpande, Professor, Dept. of Community Medicine, Rural Medical College, Loni.

**Dr. Deepali Hande**, Professor, Dr. APJAK College of Physiotherapy. Loni.

- i. Epidemiological study of animal bite cases reported at the ARV clinic of a district hospital surrounded by tribal population in Chhattisgarh, India by **Dr. Narendra Sinha**, Chitkara University, Chandigarh-Patiala National Highway (NH-64), Punjab-140 401, India

- ii. Common causes of morbidity among Madia Gond Tribes of Gadchiroli District in Maharashtra by **Dr. Lokesh Tamgire**, Tata Institute of Social Sciences, Mumbai
- iii. A brief study on nutritional status of tribal women in India. by **Kondur Delliswararao**, Research Scholar, Dept. of Anthropology, Pondicherry Central University, Pondicherry – 14
- iv. Evaluation of immunization coverage among children below 5 years of age in tribal community in Gadchiroli District, Maharashtra, India by **Dr. Kunal Suresh Modak**, District Malaria Officer, Gadchiroli
- v. Bridging Gaps of Tribal Health through utilization of AYUSH Professionals by **Milind Bharat Bansode**, Tata Institute of Medical Research, Mumbai
- vi. Socio-economic profile of Afro-Indian's (Siddhi) Tribes migrating within Karnataka State by **Mackwin Kenwood D'mello**, K.S. Hegde Medical Academy, Nitte (Deemed to be University), Mangalore
- vii. The Vitamin D Deficiency (VDD) Pandemic: Morbidity, community perception and attitude of General / Medical Practitioners by **Dr. N.G. Toshniwal**, Rural Dental College, Loni
- viii. Role of Wild Edible Plants in Enhancing Tribal Health by **Sachin Dayaram Golait**, HPT Arts and RYK Science, Nashik

### **SCIENTIFIC SESSION 8**

**THEME:** Tribal Ethnicity, Culture, Food & Nutrition, Health Policies

**Chairman:** Dr. Supriya Dhakane, Asso. Professor, Dept. of Community Medicine, Dr. Vasant Rao Pawar Medical College, Nashik.

**Co-Chairman:** Dr. J.D. Deshpande, Professor, Dept. of Community Medicine, Rural Medical College, Loni.

**Dr. Deepali Hande**, Professor, Dr. APJAK College of Physiotherapy, Loni

- i. Exploring role of healthcare experience and scope for healthcare navigation services for improving access to hospital care for Soliga communities by **Nityasri S N**, Institute of Public Health, 3009, 2nd A Main, 17th Cross, Siddanna Layout, KR Road, Banashankari 2nd Stage, Bangalore – 560070
- ii. A comparative study of oral health among school children in rural, urban and tribal areas in Ahmednagar district by **Dr. Aishwarya Ajit Kunkulol**, Centre for Social Medicine, PIMS-DU, Loni
- iii. Comparing health outcomes and socio-demographic variables between scheduled and non-schedule tribe populations around a forest in North-East India by **Julee Jerang**,

Institute of Public Health, 3009, 2nd A Main, 17th Cross, Siddanna Layout, Banashankari 2nd Stage, Bangalore – 560070

- iv. Differences in Behavioural risk factors for Hypertension: A cross-sectional study among Adivasi and non-Adivasi communities in forested regions in Karnataka, Kerala and Arunachal Pradesh by **Yogish C B**, Institute of Public Health, 3009, 2nd A Main, 17th Cross, Siddanna Layout, KR Road, Banashankari 2nd Stage, Bangalore – 560070
- v. Bacteriological Assessment of Drinking Water Samples from Tribal Area of Bhandardara Region, Maharashtra, India By **Shivani Shrikant Dhawade**, RMC, Pravara Institute of Medical Sciences [DU],Loni, Ahmednagar.
- vi. Study of ophthalmic morbidity among secondary school Children in Tribal Area of Ahmednagar District (M.S.) By **Sumeet MilindkumarVaidya**, Rural Medical College,Pravara Institute of Medical Sciences [DU],Loni.
- vii. Prevalence of Tobacco use among Tribal Population in India by **Herman Nadon**, K S Hegde Medical Academy, Nitte (Deemed to be University), Mangalore
- viii. A study of Body Mass Index in patients with Type 2 Diabetes Mellitus availing Out Patient Services in Tribal Area of Sakwar in Palghar District of Maharashtra by **Dr. Mandar Baviskar**, Rural Medical College, Pravara Institute of Medical Sciences [DU], Loni
- ix. Gender and Tobacco use among Tribal Population of Maharashtra State by **Arunesha B.S.**, K.S. Hegde Medical Academy, Nitte (Deemed to be University), Mangalore
- x. To study the correlation between haematological parameters and prognosis in cases of Acute Myocardial Infarction by **Dr. Krupa Krishna Kumar**, Rural Medical College, PIMS-DU, Loni
- xi. Effect of interventional programs on tribal student's health and education in Government Ashram Schools:Astudy by Mr. **Kadam P.T.**, ITDP Rajur Tal. Akole Dist. Ahmednagar

#### **8) Tribal Exhibition in the Conference**

An exhibition of Tribal Culture, Lifestyles, Tribal Medicine, Tribal ways of Food Security and Wild/Forest Food items, Innovative Models of health care delivery were presented **in all the three days of conference – both in Loni and Bhandardara**. Bhartiya Agro Industrial Foundation (BAIF), Nashik & Bhandardara, The Care NX Innovations Ltd, Mumbai, the Centre for Social Medicine, PIMS-Loni and Traditional Healers from Bhandardara area have demonstrated their innovative tribal health care delivery ethno-medicine and nutritional models in these Exhibitions. All speakers and delegates have witnessed the exhibition with much enthusiasm.

Shri. Deepak Khandekar, IAS, Secretary, Ministry of Tribal Affairs, Govt. of India, New Delhi Inaugurated the exhibition in Bhandardhara on 21<sup>st</sup> September. Dr. Rajendra Vikhe Patil (Pro-chancellor, PIMS-DU, Loni), Dr.Y.M. Jayaraj (Vice Chancellor, PIMS-DU) Miss. Manisha Verma (Secretary, Ministry of Tribal Affairs, Govt. of Maharashtra), Dr.Nitin Patil (Tribal commissioner, Nashik) and other dignitaries, speakers and delegates visited to exhibition stall. Following are the details of exhibition.

- In exhibition stall near about 93 species of wild edible vegetables, wild fruits and tubers from Akole cluster were included.
- 118 germplasm of indigenous seed exhibited from Kombhalane(Akole cluster) seed bank
- 13 indigenous rice germplasm from Akole cluster
- 213 indigenous germplasm exhibited from Jawhar cluster in that rice, millet, maize and sorghum were included
- Ethanovet. Medicine poster presentation
- Ethanomedicine exhibited by four traditional healers

**A stall on Finger millet: Crop for Nutritional Security** was displayed in the conference by Dr. S. G. Auti, Tahsin Kazi and Dr. S.L. Laware, Department of Botany, H.P.T. Arts and R.Y.K. Science College, Nashik-5. 110 landraces of Finger millet from Maharashtra were put in exhibit for the purpose of awareness and promotion of nutritional importance of Finger millet. Specimens of grain diversity and ear diversity were kept along with different nutritional recipes of Finger millet.

### **9) Field Visit to witness Innovative Tribal Health, Nutrition, Education and Development Projects**

While all the interested delegates have visited the Pravara Tribal Health Centre and Centre for Research in Tribal Health and Services (CRTHS) at Tribal Campus of PIMS-DU at Bhandardara on the 3<sup>rd</sup> day of the conference, as part of field visit. However, a Special Field visit was organized to the interested speakers and guests to interior tribal villages namely Manik Ozar and Maveshi to showcase the innovative tribal health care delivery (Arogya Mitra, Gram Arogya Bank, Motorbike-Ambulance-cum-health clinics and Mobile Clinics) and integrated tribal educational models (Adarsh Tribal School Model of Government of Maharashtra – where English Medium School, Marathi Medium School, CBSC School and Eklavya School were brought under one campus with state-of-art infrastructure and equipments for imparting quality education for tribal children) in Maveshi of Akole Block. The students of all the four Tribal Schools have organized a well designed “Nutritional

Exhibition” Exhibition from the locally available wild/forest food items and attracted all the visitors and conference participants.

#### 10) Cultural Programs in the Conference

The Conference delegates have also witnessed Cultural Programs on 19<sup>th</sup> and 20<sup>th</sup> evening. On 19<sup>th</sup> the traditional cultural dances and songs were performed by the students of Rural Medical College, Loni depicting the traditional and modern songs and dance which includes Ganesh Vandana, Ganpati Dance, Mohiniattam, Retro Song, Ye Ishq, Kaisi Paheli, Rajasthani Dance, Umbrella Dance, Duet and Solo performances and Bhangra.



On 20<sup>th</sup> the cultural event was presented by local tribal cultural groups from Mahadev Kolhi and Thakar Community and the students of Government Ashram School of Maveshi, Tal. Akole. The main attraction of the tribal cultural program was welcome songs, *Tipri* Dance, *Kambad* dance, *Fugadi* Dance and *Bohada* Dance. The students from Ashram school presented a skit on “Balanced diet and Nutrition for Women, Children and General Public” which was appreciated by all the delegates.

## 11) Valedictory Function of the Conference

The valedictory function of the conference was held at “Community Hall”, Irrigation Colony, Bhandardara, Tal-Akole, Dist-Ahmednagr, Maharashtra. The Tribal Campus of Pravara Institute of Medical Sciences, Deemed to be University is situated in the Irrigation colony.

The valedictory function was started with the welcome song by students from Shendi Ashram School. The Chief guest and Guest of Honour paid floral tribute to Dr.Vitthalrao Vikhe Patil and Dr.Balasaheb Vikhe patil, founder fathers of PIMS, DU. Prof. K.V.Somasundaram presented the conference report for three days and Dr.Y.M.Jayaraj read the Bhandardara Declaration. Dr.Deepak Khandekar, IAS, Secretary, Ministry of Tribal Affairs, GoI addressed the valedictory function as chief guest. Dr.Manisha Verma, Principal Secretary, Tribal Development Department, Maharashtra, Dr.Chandrakant Lahariya, NPO, WHO, India, Shri Nitin Patil, IAS, MD, Maharashtra State Tribal Development Corporation, Nashik and Dr. Kiran Kulkarni, Commissioner, TRTI, Pune were the guest of honour for valedictory function.



Among the other guest Shri Laxmikant Dhoke, Deputy Secretary, Tribal Development Dept, Mumbai, Shri Girish Sarode, Addl Tribal Commissioner, Nashik, Smt Nandini Awade, Joint Director, TRTI and Mr. Santosh Thube, Project Officer, ITDP, Rajur, Dist. Ahmednagar were present for valedictory function.



Dr. Rajendra Vikhe Patil, Pro-Chancellor, PIMS-DU, Loni has presided over the function and delivered presidential address. Dr.Sunil Thitame, Asst. Professor, CSM and Organizing Secretary presented the vote of thanks. The conference was declared over followed by national anthem.



## 12) Delegates (Representation of Stakeholders) of the Conference

As many as 333 delegates participated in the conference which represents various stakeholders - private and public sector organizations, Policy makers to Field level workers across 20 States of the Country. The medical, non medical doctors, researchers, social workers, social scientists, Community organizers working in the field of tribal health and research.

### State wise Distribution of Delegates and Speakers Participated TRIBECON 2019

Sr. No	State	Registered Delegates (Academicians /Researchers/ GO)	Reg/Sponsd Delegates (NGO)	Plenary / Keynote Speakers	Thematic Speakers	Total Delegates
		(1)	(2)	(3)	(4)	1+2+3+4
1.	Andhra Pradesh	00	04	01	03	08
2.	Bihar	00	02	00	00	02
3.	Chhattisgarh	03	00	00	01	04
4.	Gujarat	02	03	01	03	09
5.	Haryana	00	00	02	00	02
6.	Jharkhand	00	02	00	00	02

7.	Karnataka	11	02	02	09	24
8.	Kerala	03	00	01	02	06
9.	Madhya Pradesh	00	01	01	00	02
10.	Maharashtra	157	38	09	43	247
11.	New Delhi	02	00	03	01	06
12.	Odisha	00	02	00	00	02
13.	Puducherry	00	02	00	01	03
14.	Punjab	00	00	01	01	02
15.	Rajasthan	03	00	01	01	05
16.	Tamilnadu	00	02	00	00	02
17.	Telangana	00	01	00	00	01
18.	Uttar Pradesh	00	03	00	00	03
19.	Uttarakhand	00	01	00	00	01
20.	West Bengal	00	02	00	00	02
	<b>Total</b>	<b>181</b>	<b>65</b>	<b>22</b>	<b>65</b>	<b>333</b>

### 13) Representation of the Researchers from Cosponsors in the Conference

The conference was fully represented by the three Knowledge Partners and Co-sponsors. Ministry of Tribal Affairs, Government of India and Government of Maharashtra was represented by Shri Deepak Kandhekar, IAS, Secretary, MoTA, Government of India, Smt Maninisha Verma, IAS, Principal Secretary, Tribal Development Department, Government of Maharashtra, Dr. Kiran Kulkarni, IAS, Commissioner, Tribal Development Department, Nashik Division, Shri Nitin Patil, IAS, MD, Maharashtra State Cooperative Tribal Dev. Corp Ltd, Nashik, Shri Dhoke, Deputy Secretary, Tribal Development Dept, Mumbai, Shri Sarode, Addl Tribal Commissioner, Nashik, Mr. Santosh Thube, Project Officer, ITDP, Rajur, Dist. Ahmednagar along with six researchers. The Tribal Research and Training Institute (TRTI), Pune was represented by Dr. Kiran Kulkarni, Commissioner, TRTI, Smt Nandini Awade, Joint Director, TRTI along with six member research team and five official media persons. The WHO, India was represented by Dr. Chandrakant Lahariya, National Professional Officer, Delhi.

#### 14) Deliverable Outcome of the Conference - Draft “Bhandardara Declaration”.

The major recommendations of the proceedings of the conference are documented and presented in the Valedictory Function as draft “Bhandardara Declaration” (draft enclosed). The draft is being circulated to all cosponsors and participants of the conference for their comments by 15<sup>th</sup> October 2019. Subsequently the final “Bhandardara Declaration” will be ready for presentation to all the delegates, co-sponsors, stakeholders and policy makers.

#### 15) Documentation of the Conference – Audio, Video & Photography.

All the conference proceedings including inaugural, valedictory functions, all scientific sessions (keynote, plenary, thematic), field visits, exhibition, and cultural programs were documented through audio, video and photography recording. The soft copies (Photos & Videos) of the Proceedings are being submitted to the co-sponsors of the conference for their records.



#### 16) Dissemination of the Conference Proceedings – Media Coverage.

All the proceedings of the conference were covered by the regional and national press - both print and electronic media, including Doordarshan Sahyadri Channel and a number freelance journalist.

# आदिवासी समाज मुख्य प्रवाहात येतोय

डॉ. दीपक खांडेकर | आदिवासी आरोग्य परिषदेची सांगता

लोकमत न्यूज नेटवर्क

लोणी : आदिवासी समाजाला प्रवाहात येण्यासाठी अनेक प्रयत्न केले गेले. चाला आदिवासी समाजाने देखील सकारात्मक प्रतिसाद दिला. आदिवासी समाज मुख्य प्रवाहात येत आहे. हे गौरवास्यद आहे. यामुळे ५० वर्षात आदिवासी संख्या १ टक्क्याने वाढून आता ८.५ टक्के इतकी झाली असल्याची माहिती भारत सरकारच्या आदिवासी विकास मंत्रालय सचिव डॉ. दीपक खांडेकर यांनी दिली.

'भंडारदरा डिक्लोरेशन'ने प्रवरा अभिमत विद्यापीठाच्या प्रवरा इन्स्टिट्यूट ऑफ मेडिकल सायन्स सेंटर फॉर सोशल मेडिसिन यांनी आयोजित केलेल्या तीन दिवसीय आदिवासी आरोग्य परिषदेची सांगता शनिवारी झाली. यावेळी डॉ. दीपक खांडेकर बोलत होते.

खांडेकर म्हणाले, आदिवासी भागात आधुनिक औषधी तसेच



आदिवासी आरोग्य परिषदेच्या सांगताप्रसंगी उपस्थित आदिवासी बांधव.

## नवजात बालक उपचार केंद्राचे उद्घाटन

यावेळी डॉ. खांडेकर यांच्या हस्ते प्रवरा इन्स्टिट्यूट ऑफ मेडिकल सायन्सेस यांनी भंडारदरा आदिवासी आरोग्य व संशोधन केंद्रात सुरु केलेल्या नवजात बालक उपचार केंद्र, डिजिटल क्ष-किरण विभाग, दंत विभागाचे उद्घाटन करण्यात आले.

आदिवासी खाद्यपदार्थ या संदर्भात मोठ्या प्रमाणात काम झाले आहे. परंतु चाब्यात अद्यापही सविस्तर माहिती उपलब्ध नाही. आदिवासी भागातील विविध पदार्थांची तसेच

आदिवासी बांधवांनी बनवलेल्या वस्तू मोठ्या प्रमाणात उपलब्ध आहे. परंतु त्या समाजासमोर आलेल्या नाहीत अशी खंत यावेळी डॉ. खांडेकर व्यक्त केली.

आदिवासींसाठी सामाजिक दंतशास्त्र विभाग, सामाजिक औषधशास्त्र विभाग व नर्सिंग विभागाने आदिवासी आरोग्य संदर्भात एकत्रित काम करणे गरजेचे असल्याचे 'भंडारदरा डिक्लोरेशन' द्वारे प्रवरा अभिमत विद्यापीठ सेंटर फॉर सोशल मेडिसिन यांनी शासनास सुचविले आहे. महाराष्ट्र सरकारच्या आदिवासी विकास मंत्रालयाच्या मुख्य सचिव मनिषा वर्मा, अतिरिक्त आदिवासी आयुक्त गिरीश सरदे, राज्य आदिवासी परिषदेचे सचिव नितीन पाटील, आदिवासी विकास महामंडळाचे आयुक्त किरण कुलकर्णी, आदिवासी विकास विभागाचे उपसचिव लक्ष्मीकांत डोळे, प्रवरा अभिमत विद्यापीठाचे प्रभारी कुलपती डॉ. राजेंद्र विखे, कुलगुरू डॉ. वाय. एम. जयराज उपस्थित होते. प्रा. के. सोमसुंदरम यांनी परिषदेचा अहवाल मांडला. डॉ. सुनील थिटमे यांनी आभार मानले.

Hello Ahmednagar

डॉ. अभय बंग : आदिवासी आरोग्य संशोधन परिषद

# आदिवासींच्या आरोग्याच्या अडचणी समजून घ्याव्या लागतील

लोकमत न्यूज नेटवर्क

लोणी : आदिवासी समाज आजही सामाजिक, राजकीय शैक्षणिकदृष्ट्या मागासलेला आहे. आदिवासी समाजाच्या उत्कर्षाबाबत आणि आरोग्याबाबत बऱ्याचदा सरकार दरबारी चर्चा होतात पण कुती शून्य असते. प्रत्यक्ष आदिवासी समाजात जाऊन त्यांच्या अडचणी समजावून घेणे गरजेचे आहे. त्यांचे आरोग्य कसे सुधारेल, त्यांच्या कोणत्या अडचणी आहेत हे समजावून घ्यावे लागेल, असे मत डॉ. अभय बंग यांनी व्यक्त केले.

लोणी येथील प्रवरा अभिमत विद्यापीठाच्या प्रवरा इन्स्टिट्यूट ऑफ मेडिकल सायन्सेस व सेंटर फॉर सोशल मेडिसिन यांच्यावतीने आयोजित केलेल्या तीन दिवसीय आदिवासी



लोणी येथील आयोजित तीन दिवसीय आदिवासी आरोग्य संशोधन परिषदेत बोलताना डॉ. अभय बंग.

आरोग्य संशोधन परिषदेचे उद्घाटन गुरुवारी(दि.१९) डॉ. अभय बंग यांच्या हस्ते झाले. यावेळी ते बोलत होते.

बंग म्हणाले, आदिवासी समाज व इतर सर्वसामान्य समाज यांच्यातील फरक मोठा आहे. त्यांच्या आरोग्य संदर्भात कोणत्या अडीअडचणी आहेत हे समजावून घेणे आवश्यक आहे. प्रवरा अभिमत विद्यापीठाने आयोजित

केलेल्या आदिवासी आरोग्य संशोधन परिषद ही आदिवासींचे आरोग्यमान उंचविण्यासाठी निश्चितच फायदेशीर ठरेल. महाराष्ट्र राज्य आदिवासी विकास परिषदेचे कार्यकारी संचालक डॉ. नितीन पाटील म्हणाले, आदिवासी समाजाची जीवनशैलीच अशी आहे की निरोगीपणा आपोआपच राखला जातो. आदिवासी आरोग्यासंदर्भात

मार्ग शोधले पाहिजेत.

यावेळी बंगलोरच्या करुण ट्रस्टचे सचिव डॉ. एच. सुदर्शन, नाशिक येथील महाराष्ट्र राज्य आदिवासी विकास परिषदेचे कार्यकारी संचालक डॉ. नितीन पाटील, जागतिक आरोग्य संघटनेचे डॉ. चंद्रकांत लहारीया, अभिमत विद्यापीठाचे प्रभारी कुलपती डॉ. राजेंद्र विखे, कुलगुरू डॉ. वाय. एम. जयराज उपस्थित होते. के. सोमसुंदर यांनी प्रास्ताविक केले तर कुलगुरू डॉ. वाय. एम. जयराज यांनी स्वागत केले. आदिवासी समाजासाठी काम करणारे भारताच्या वेगवेगळ्या प्रदेशातील तीनशेहून अधिक प्रतिनिधी उपस्थित आहेत. डॉ. सुनील थिटमे यांनी आभार तर डॉ. चिन्मय सोलापूरकर यांनी सूत्रसंचालन केले.

