



Report on “Ethonomedicine, Sickle Cell Disease, Tribal Community Empowerment in Paderu and Rampachodavarm”

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Workshop and field trip Conducted by Dr P S Prasad, Program Director and HOD Health Sciences, JNTUK, KKD, Dr KV Murty, MBBS, Director, Herbal Research Labs Pvt Ltd., Telangana, Mr Rahul Bobba, Chairman, Advita Life Sciences, Telagana, Mr D. N. Murty, Advisor, Education and Health, AP Tribal Welfare Department and Dr V P Bhatt, Senior Scientist, HRDI, Uttarakand in January, 2021 in Paderu and Rampachodavaram ITDA divisions of AP and well interacted with tribal community belongs to various walks of life, in particular with students and farmers of Tribal Community.

The initial observations by the expert committee in the Paderu and Rampachodavaram Tribal Community are anaemia in all age groups, Sickle Cell disease visible, inconvenience in the transportation of patients from tribal habitats to nearby health care centres, economic issues due to low revenue generation from the lands allotted to them by Tribal welfare Department of AP. After field trip the above said expert committee advised the following action plan to the Director, Tribal Welfare Department, and Government of Andhra Pradesh.

The outcomes of the state level workshop and field work observations are follows:

1. Plan for development of organic medicinal plantation for farmers involving more than 9000 at various ITDA agency areas with support of Herbal Research Department institute to improve the Ethno medicine at agency areas for better revenue generation.
2. Enhancing knowledge of Ethno botany to tribal students at various Junior colleges and Degree colleges to identify the medicinal values of plants. Conservation and development of Herbarium with these plants for future generations. The team of health experts of Tribal Welfare should develop the innovative concept with coordination of Higher

education department and by involvement of various Departments of Tribal Welfare, AP.

3. Action Plan prepared for establishment of Herbal Lab with support of HRDI, Uttarakhand to identify medicinal plants, prepare Ethno medicine and conserve the species & its identity, documentation. Also planning for construction of Civil works, Equipment and Human resource.
4. Development of two wheeler Bike Ambulance to manage remote/narrow/hilly areas to rectify the field level gaps in the existing Feeder Ambulances. It will act as reached unreached areas and provide service to reach Feeder Ambulance/108 also.
5. Proposed to study on subjects affected with Thalassemia & Sickle Cell Anemia for better management through Herbal medication with Integrated Medicine. Action through School of Health Sciences & Researches, IST JNTU KKD.
6. Create & Develop Cottage Industries are required for Tribal Communities through Medicinal plants. Already about 20 Cottage industries are implementing at Uttarakhand. This will be implemented with knowledge and support through Sr. Scientists from Uttarakhand and Delhi in our state. Capacity building to tribal Healers on Integrated Tribal Medicine, more than 400 Healers in the state. With the support & Convergence of TWD, Health, AYUSH, State Medicinal Plants Board & support with 3 Universities mentioned above.

In the above action plan proposed, work is already under progress with Two wheeler bike ambulance and Clinical Research on Sickle cell Disease by JNTUK, KKD in co-ordination with Tribal Welfare Department, Government of AP. We expert committee sincerely extend our gratitude and thanks to the Director, Project Officers and staff of Tribal Welfare Department, Government of Andhra Pradesh and Dr. Shyam Prasad, Hon'ble Vice-Chancellor, Dr NTR University of Health Sciences, AP, under whose guidance the expert committee farmed and acted.

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