



**KUSHT NIYANTRAN EVUM UNMOOLAN SAMITI (KNEUS)**

**ANNUAL REPORT  
YEAR- 2013**



## **BACKGROUND INFORMATION**

KUSHT NIYANTRAN EVUM UNMOOLAN SAMITI (KNEUS) is a registered voluntary organization working for Leprosy, HIV/AIDs, Tuberculosis and other communicable diseases in the states of Uttar Pradesh, Uttarkhand and Delhi for almost two decades. In the year 1987, KNEUS started working in 57 leprosy colonies in the western UP and treated over 5,000 leprosy patients. In 1992, this work was extended to villages and cities, where through house to house surveys and health education programs patients were detected and treated. The leprosy focused services carried out by the organization have been extended to tuberculosis after integration of leprosy treatment into general health in 2003. The systematic and scientific approach planned and implemented by KNEUS has yielded desired result several folds. This is evident from the fact that nearly 47,394 number of medical interventions for leprosy affected persons and 22,163 number of tuberculosis affected persons have been undertaken by the organization as on December 2013.

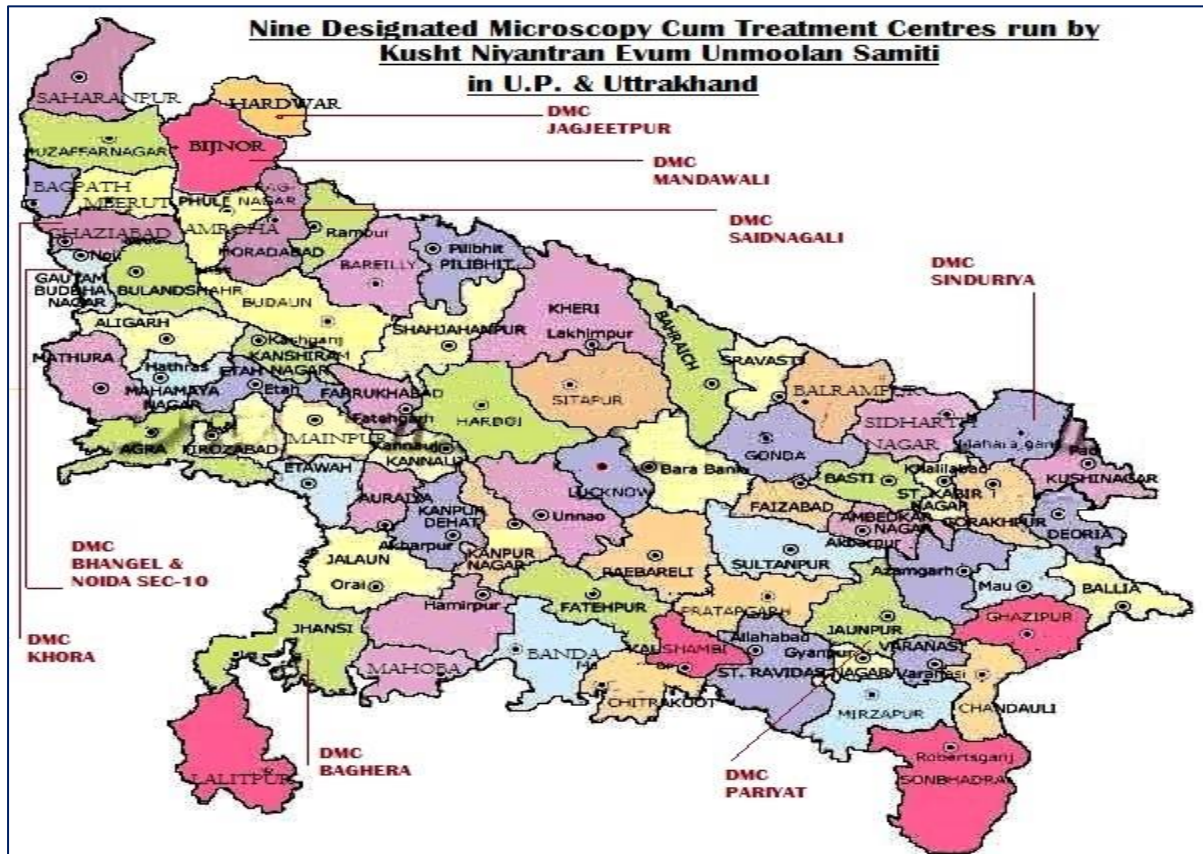
### **Tuberculosis**

India has the highest burden of Tuberculosis in the world, accounting for approximately one fifth of the global incidence – an estimated 2 million cases annually. TB is a curable and preventable disease and yet it causes significant morbidity and mortality, which is a cause of serious concern. The Revised National Tuberculosis Control Program has completed 15 years of its implementation with four years of full nation-wide coverage. Since its inception in the districts of Gautham Budh Nagar, Ghaziabad, Jyotiba Phule Nagar, Bijnor, Jhansi, Jaunpur, Maharajganj and Haridwar by Kusht Niyantaran Evum Unmoolan Samiti the program has initiated over 22,163 patients on treatment thus saving more than 3 lakh lives. In 2003, when the program was initiated in Bijnor and Gautham Budh Nagar districts, KNEUS registered 167 patients and put them on DOTs. Today the program has achieved the global targets of 70% case detection and 85% cure rates in new smear positive patients in the project areas. These are encouraging trends for RNTCP as it steadily works towards achieving the Millennium Development Goals by 2015. The ultimate goal of the program remains a “TB-free India”, and clearly it is a long journey towards this goal.

KNEUS has 9 Designated Microscopic Centers (DMCs) of Revised National Tuberculosis Control Program (RNTCP) under Public Private Partnership with the Government of U.P. and U.K. They are in Bhangel and Sec-10 of Gautam Budh Nagar, Khora of Ghaziabad, Baghera of Jhansi, Pariyat of Jaunpur, Sinduria of Maharajganj, Saidnagali of J.P.Nagar, Mandawali of Bijnor and Jagjeetpur of Haridwar districts. Most of the population living in the three urban DMCs, Bhangel, Sec-10 and Khora areas are migrants and unauthorized

settlement consists of more than 11 lakhs. They are socially, economically backward and marginalized. Health facilities in this area are very pathetic. People are suffering due to lack of basic civil facilities. The population of this area cannot be accurately censused because of the frequent in and out of people from this area. The development of women and children residing in the target area are in risk due to lack of health and educational facilities. Majority of the population belongs to lower class. The living condition is also pathetic. Half of the children in this area below 14 yrs are going for work.

The other 6 DMCs Baghera, Pariyat, Sinduria, Saidnagali, Mandawali and Jagjeetpur are covering very remote rural areas. There are lack of health facilities and awareness.



All 9 KNEUS DMCs are working for the health care of the people residing in the area since 2003. It has a long history of supporting health services at the community level, often with remarkable effectiveness and rapport with communities. KNEUS also have capacity to provide excellent treatment support, counseling for patients, and contributes to public health oriented activities in TB treatment, namely address verification and default retrieval. Through these centers free sputum checkup and medicines are given to the people those who are suffering from tuberculosis, leprosy and other communicable diseases. Majority of the population approaching this centre are below poverty line. The staffs in this centre are giving health education to the people. The District Health Society was providing training and technical guidance and performs laboratory quality control. They monitor diagnostic quality (three smears taken for diagnosis and two for follow-up, proportion of positive smears, and proportion of smear –negative cases, if any).



Doctor Diagnosing patients

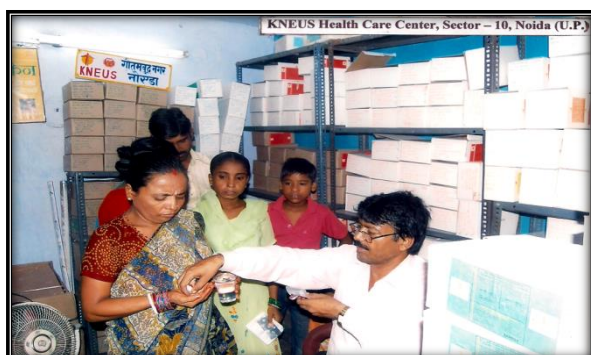


Lab technician reading sputum smear slides for TB diagnosis

Ever since KNEUS signed Memorandum of Understanding (MoU) with District Tuberculosis Officers (DTOs) on behalf of District Health Society (DHS) on 29.10.2003 it has registered and treated 22,163 Tuberculosis patients so far in these colonies and villages till 2013 December. Year- wise details are given below.

### YEAR WISE CONSOLIDATED ACHIVEMENT OF KNEUS

Particular	Year											
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total no. of OPD attendance	9422	28098	42872	49489	44844	59125	57428	55721	57871	51646	44442	500958
Total no. of TB suspects examined	701	2882	5283	7267	6184	5687	8851	6943	7708	7133	6756	65395
Total no. of TB sputum diagnosed smear +ve.	78	442	855	996	957	1007	1244	1262	1379	1286	1119	10625
Total no. of case registered under RNTCP	167	938	1473	2042	2080	2137	2393	2661	2894	2794	2584	22163
Treatment successfully completed (%)	78.5	87.05	88.53	91.21	91.34	92.02	91.94	93.61	93.04	91.7	--	90%



TB-HV provides DOTs to TB patients



DOTs providers are trained periodically

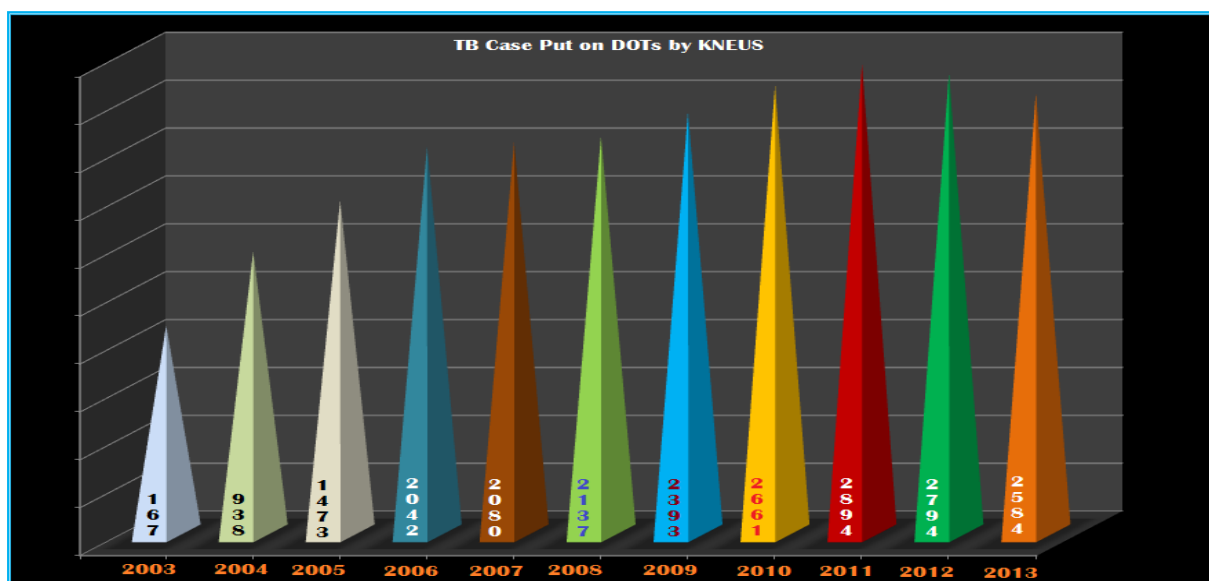
Comparison with District performance as per RNTCP status report of 2012 .and KNEUS DMC's New sputum positive rate

S.N.	Name of DMC with District	New sputum positive rate/ 1 lakh pop. of KNEUS DMC	New sputum positive rate/ 1 lakh pop. of Concern District
1	Bhangel ( Gautam Budh Nagar)	156	124
2	Sec-10 (Gautam Budh Nagar)	156	124
3	Khoda (Ghaziabad)	178	119
4	Mandawali (Bijnor)	117	64
5	Pariyat (Jaunpur)	36	53
6	Baghera (Jhansi)	101	95
7	Saidnagali (JP Nagar)	105	80
8	Sinduriya (Maharajganj)	120	49
9	Jagjeetpur (Haridwar)	99	52

KNEUS have achieved treatment success rate more than 90% which trend is given below-



Year wise TB Patients puts on DOTs Under KNEUS project DMC.



## ACHIEVMENT OF KNEUS DMC IN THE YEAR -2013

Centers	No of OPD Attendance	Laboratory activity		Registered TB Patients in year-2013															Total Registered TB
				New Cases					Re- Treated Cases					TB/HIV					
		No.of TB suspects examined	No.of TB Sputut diag. Smear +ve	New smear +ve Pulmonary TB	New smear neg Pulmonary TB	New Extra Pulmonary TB	Other	Total	Relapse	Failuare	Treatment After Default,	Other		Total					
												smear neg Pulmonary TB	Extra Pulmonary TB						
															NC SSP	All Case	NC SSP	All Case	
Bhangel	10022	835	135	92	79	65	1	237	20	2	16	10	11	59	0	0	0	0	296
Sec-10	5900	1021	176	138	120	137	2	397	30	5	44	47	42	168	78	186	0	0	565
Khoda	6029	1457	207	201	203	221	3	628	14	2	47	68	28	159	34	50	0	0	787
Bijnor	5217	941	129	100	17	28	0	145	30	0	0	4	5	39	11	22	0	0	184
Jaunpur	802	215	40	33	45	2	0	80	4	0	2	0	0	6	12	12	0	0	86
Jhansi	1867	400	79	75	42	9	1	127	8	5	5	9	1	28	1	0	0	0	155
JP Nagar	6052	1167	175	119	68	6	0	193	37	0	18	4	3	62	0	0	0	0	255
Maharajganj	907	328	63	71	12	7	0	90	5	0	0	5	0	10	0	0	0	0	100
Haridwar	7646	392	115	78	17	32	0	127	20	5	1	1	2	29	24	26	0	0	156
TOTAL	44442	6756	1119	907	603	507	7	2024	168	19	133	148	92	560	160	296	0	0	2584

The District authority regularly visits our DMCs and verifies the work.

The centers are operational on 6 days a week and provide proper OPD services to the people of the area. KNEUS always thrusts in quality work and better services to the poor and needy of the region.

Place: Greater Noida

Fr. Sunny James

Dated:10.02.2014

Executive Director