

Extra -Mural projects at Institute of Medical Science and SUM Hospital

(Siksha 'O' Anusandhan Deemed to be University)

DETAILS OF RESEARCH PROJECTS UNDERTAKEN BY IMS & SUM HOSPITAL (1st Oct. 2021)

SL	Title of the Project (As mentioned in the Sanction Letter)	Year of Sanction	Principal Investigator	Funding Agency
1	Development of standardized herbal extracts against urinary tract bacterial infections.	11/09/13	Dr. R. N. Padhy	DBT, Govt. of India
2	Use of public health informatics for promotion of healthy lifestyle and prevention of complications among newly diagnosed patients of Type II Diabetes – A randomized controlled trial	26/08/16	Dr. Lipilekha Patnaik	Department of Health Research, Government of India
3	Survival of N ₂ -fixing blue-green algae (cyanobacteria) in rice soils of costal Odisha, under the influence of pesticides, chemical fertilisers and salinity - an <i>in situ</i> study of algal-diversity.	28/12/11	Dr. R. N. Padhy	CSIR, NEW DELHI, INDIA
4	Development of molecular kit to minimize the ciprofloxacin and amoxyclav resistance from chronic supportive otitis media	05/07/16	Dr. S K Swain	SERB, DST, Govt. of India

5	Monitoring Antimicrobial Activities of Ethno-Medicinal Plants of Kalahandi District: in vitro and in vivo studies,	02/06/09	Dr. R. N. Padhy	DST, Govt. of India
6	Alternative Drug search from ethno-medicinal plant of orissa against multi-drug resistant bacteria	04/03/13	Dr. R. N. Padhy	UGC, Govt. of India
7	INSPIRE Prospective Stroke Registry	21/10/11	Dr. Sobhitendu Kabi	St.John's Research Institute Bangalore
8	Development of community strategy to escalate notification of tuberculosis cases from private health care providers through interventional approach.	22/11/17	Dr. Rakhi Ludam	State TB Cell Govt. Of Odisha
9	Intussusception in Infants: Multisite Hospital Based Surveillance in India	19/09/17	Dr. Rachita Sarangi	The INCLEN Trust International
10	Antimycobacterial evaluation and host toxicity testing of newly synthesized isonaazid-pytochemical conuugates as proespective anti-TB drug	14/12/17	Dr. Sasanka Sekhar Swain Dr. R.N. Padhy Dr. P. Sudhir Kumar	Department of Health & Family Welfare, India
11	Monitoring toxicity of environment and chemicals on cultured human stem cells.	17/04/13	Dr. R. N. Padhy	DST, Govt. of India
12	N-PDF - Development of DNA based diagnostic technique for identification and characterization of entero virus 71 isolates an indian tertiary care teaching hospital.	03/07/18	Dr. Subrat Kumar Swain	SERB, DST, Govt. of India
13	Impact assesment study of Rotavirus vaccine lined to the national rotavirus srveillance networking India	2016-17	Dr. Mrutyunjaya Dash	CMC, Vellore

14	Quality assessment of family planning services.	2015-16	Dr. E. Venkata Rao	Department of Health & Family Welfare, India
15	Sponsorship for undertaking a study on prevention of non-communicable disease due to physical inactivity.	07/03/19	Dr. E. Venkata Rao	Odisha Mining Corporation
16	Rapid assessment of quality of Family Planning services in Odisha	12/06/19	Dr. E. Venkata Rao	Director of Family Welfare, Department of Family Welfare, Govt. of Odisha
17	Validation of Hemoglobin Measurement of Students in Tribal Residential Schools of Odisha	22/01/19	Dr Jyotiranjana Sahoo, Dr E Venkata Rao, Dr Sandeep Kumar Panigrahi, Dr Rajesh Kumar Bhola, Dr Braja Kishore Behera, Dr. Sambhedana Mohanty	SC & ST Research and Training Institute (SCSTRTI) Govt. of Odisha
18	Validation of Artificial Intelligence (AI) based models in screening and diagnosis of diseases in routine clinical practices.	25/01/19	Dr Tripti Swarnkar, Dr E Venkata Rao, Dr Jyotiranjana Sahoo	Intel corporation
19	"Network of Oncology Clinical Trials in India NOCI" Under Industry - Academia Collaborative Mission for Accelerating Discovery Research to early Development for Biopharmaceuticals - "Innovate in India (i3) Empowering Biotech Entrepreneurs & accelerating inclusive innovation"	15/05/20	Dr. Soumya Surath Panda	BIRAC, New Delhi
20	Supportive Supervision and Mentoring Support on Quality of Family Planning Services In Odisha	21/01/20	Dr. E Venkata Rao	Govt. of Odisha & UNFPA

21	A Combined model study to investigate the challenges faced by Frontline health managers at district level in this time of Pandemic of COVID-19 Multicentric approach.	24/07/20	Dr. E Venkata Rao	ICMR
22	Assay of Bisphenol in water and fluid food content	21/03/17	Dr Viyatprajna Acharya	ICMR-STS
23	Global vaccine safety multi-country collaboration (GVS-MCC)	01/05/20	Dr. Rachita Sarangi	Inclen India,
24	Multi-center active AEFI sentinel surveillance (MAASS) in India	01/10/17	Dr. Rachita Sarangi	Inclen India,BILLMELINDA GATES FOUNDATION
25	Evaluation of Novel Parameter: Large Platelet Fraction (LPF) on Horiba Yumizen H2500	25/10/19	Dr. Rajesh Kumar Bhola	HORIBA ABX SAS, Montpellier, France
26	Assessment of Antimicrobial potential of quisqualis India L. against human pathogenic urinary tract micro organisms	18/01/18	Dr. Tehziba Hussain	ICMR, Govt. of India