

Global Medical Education and Research Foundation

4th Annual Report, 17th August 2017

Today GMERF is 5years old. It has made steady progress, thanks to patronage and support from its president Dr. K. Ravindranath, Dr. P. Rama Rao, the Chairman of the Advisory Board, all advisory board members, our associate academic institutions, staff of Global Hospitals LKP and AWGH and all of you.

GMERF aims to bring all academic programs of our hospital under one roof in addition to offering its own research, training and academic programs. We would like to share with you our activities and achievements during 2016-17.

Training Activities:

A total of **179** students underwent training under the auspices of GMERF in various disciplines during 2016-17. This includes Pharm D students (**42**), Nutrition (**34**), DNB (**6**) Molecular Diagnostics & Biomarkers (**40**), Health Psychology (**41**), Advanced PG Diploma in Healthcare Technology (**2**). **5** students of B.Sc Genetics and B.SC Biochemistry from St. Ann's College and students of Industrial Microbiology from St. Francis College for women have completed one month Internship in May-June.2016

Academic Programs- Courses

Advanced PG Diploma Courses in Health Care Technology

1. The students of Advanced PG Diploma courses in Physician Assistant and Clinical Nutrition & Dietetics have completed the second semester examinations and moved to third semester.

These courses are of two years duration (4 semesters) with the first semester dedicated to a foundation course in basic medical sciences, 2 semesters of intense training in the hospital in the respective departments imparting case studies, advanced theory, practical training and last semester devoted to internship. The students of Advanced PG Diploma Course in Physician Assistance have completed their first semester and moved to second's semester.

2. Launched Transplant coordinator course 3months and Molecular Diagnostics course 3months

Pre-Medical Course of five and half year Doctor of Medicine (MD) course:

Two students joined in premed course in St.Francis they finished first semester and moved to second semester.

This course directly admits students who have completed 12th Class/Intermediate into a 5.5 year MD Course. On behalf of Xavier University Medical School, Aruba, Dutch Caribbean Island, GMERF in collaboration with Centre for Professional Development at St. Francis College for Women has launched a 1.5 year, 3 semesters Pre-Medical Course. Admitted students would do a 1.5 years (3 semesters) premedical course at St. Francis College for Women. Subsequently

they move on to 2 years of study in Xavier Univ Medical School and finally to 2 years of clinical rotations in popular hospitals in the USA. This program would also train students to qualify USMLE exam and apply for Residency Program in the USA. Classes for the first batch will start from September.

Publication:

Conferences

International Conference on Infectious Diseases, Hyderabad. 3-5 March 2016.

Ms. Rosy CH et al. Oral Presentation. Influence of variation in the sequence(s) of factors essential for methicillin resistance (fem genes) on the expression of resistance to Lysostaphin and secretion of DNase.

Ms. Swathi CH et al. Poster Presentation. 'Investigating the distribution of integrons among clinical isolates of *Acinetobacter baumannii* and their association to carbapenem resistance'

Our initiatives to support Research Interests of our Associate Colleges

Appointments:

Appointed 2 staff in GMERF

1. Dr. Vijay .R .Boinapally , MD (USA)
2. Ms. Ashwini

Our Primary Research Partners

We have research collaborations in advanced nano-technologies with

IIT-Delhi

ARCI (DST), Hyderabad

Seminars/Symposia

Ms. Rosy CH.SRF, GMERF. Lecture Demo at St. Ann's College, National Seminar for College Teachers, UGC Refresher Program.

Dr. K. S. Ratnakar "Health Sciences and Pharmacy National Perspective" at Jawaharlal Nehru Auditorium, JNTUH campus, Kukatpally, Hyderabad. 21st July 2017.

New MoU Signed

We already have signed MoUs with 12 colleges. In addition during 2016-17 we signed with Call Ambulance

BLS Programs conducted :

- 16th March, 2017 – Airtel Begumpet. Hyd.
- 4th April,2017 - DLF ,Gachibowli. Hyd.
- 8th April,2017- Gurudwara,Afzulganj. Hyd.
- 1st to 6th May-RK Math,Domalguda.Hyd.
- 31st May - Neospark Drugs and chemicals at Jeedimetla.Hyd
- 6th June ,2017- ARCI,Balapur,Hyd.
- 9th June 2017 St.Francis College for women, Begumpet.Hyd
- 19th &20th June Care Nursing College ,Banjarahills.Hyd.

This we consider as an important milestone and achievement as it speaks about the strength and values of our Foundation.

Xavier University participated with TV9 Education fair at Hyderabad on 1st and 2nd July at Institute of Engineers ,Visvesvaraya Bhavan,Khairatabad circle,Hyderabad.

Patents (Authorship)

Platform Device and Method for Detection of Bacterial Lipopolysachharides in water and serum. Shalini Gupta, Prashanta Kalita, Anshuman Dasgupta and Venkataraman Sritharan. Patent Application No. 3214/DEL/2014

Recognitions and Awards

1. DSIR Recognition to GMERF has been renewed up to 2019
2. GMERF has received a National Innovation Award in March 2016.

GMERF and IIT Delhi jointly won the BIRAC-SRISTI (Society for Research and Initiatives for Sustainable Technologies and Innovations) award for Biotechnological/Medical/Healthcare Innovation. The title the Innovation was “Rapid Endotoxin Entrapment and Detection on surface engineered glass substrates”.

Infrastructure

1. We have created one IT lab for PG Students and bought 4systems.
2. Our website is now active and you may visit www.gmerf.com for more information about our all our activities.