

Global Medical Education and Research Foundation

Annual Report 2012-13

GMERF was formally inaugurated on the 17th of August 2012 by Dr.I.V.Rao, the vice chancellor of Dr.NTR University of Health Sciences. All academic and research activities of Global Hospitals were brought under the Foundation. This includes all our DNB courses, PhD programs, paramedical courses, internships and pharmaceutical training programs for Pharm-D students.

GMERF has constituted an advisory board under the chairmanship of Padmabhushan Dr.P.Rama Rao and several eminent scientists and academicians as members. This advisory board meets once every 6 months and so far has met twice.

As suggested by the board, the Foundation has constituted two sub-committees, one is Academic sub-committee and the other one is Research sub-committee to spearhead academic and research activities under the Foundation.

The Foundation is involved in 4 major areas of academics and research:

1. Medical
2. Para-medical
3. Allied Medical
4. Life Sciences

Medical Education:

National Board Examinations (DNB):

Cardiology,
Minimal Access Surgery
Anesthesia and
Cardio Thoracic Surgery.
Fellowships (short term) in super specialty areas:
Endoscopy,
Laparoscopy, minimal access surgery.

Para-medical training: (Affiliated to Osmania University)

PG Diploma (1 year):
Operation Theatre Technology,
Catheter Lab Technology
Advanced PG Diploma courses (2 years):
Physician Assistant,
Dialysis Technology

These courses are job oriented course and many times the students get job-offers during their training.

Allied Medical courses:

a) Pharmacy:

Pharma D: An integrated doctoral program offered by some premier pharmaceutical institutions in the country. We are partnering two such institutions in A.P and offer:

- i) 3 weeks observership in /prescription practice
- ii) 3 months clinical pharmacy posting
- iii) 6 months project in clinical research/pharmacy
- iv) 1 year internship in clinical research/pharmacy

b) **Health Psychology:**

3 months internship for Post Graduate students of from Univ of Hyderabad

c) **PG Diploma in Hospital Management:** Badhruka Institute of International Trade and GMERF.

d) **Internship to Graduate Students of Nutrition:** From various colleges of Osmania University and other corporate Hospitals. 3 months internship.

e) **PG Diploma programs in Clinical Research:** By Global Clinical Research Centre offers:

- i) Data Management and Bioinformatics
- ii) Chemo informatics.

Socially relevant initiatives:

- a) We have launched a Drug Information Centre (DIC) with the help of one of the leading pharmaceutical institutions in Andhra Pradesh to provide latest drug related information to clinicians, pharmacists and other stake holders and we are in the process of strengthening this service. We will soon launch monthly "Global Drug Bulletin".
- b) Doctor on 24/7 service for medical consultancy and advise. To launch a Toll Free medical service to the public.
- c) Initiated lecture series called "Know Thyself" in Humanities. We have completed 3 lectures in this series so far between Feb-April 2013. Will continue this series from September 2013.

- d) Create awareness about Medical Research and Health Sciences among Life Sciences graduates:

To initiate and motivate intermediate and under-graduate students into life sciences, particularly health care related areas, by delivering lectures and interacting with various colleges in the twin cities. We had visited St. Ann's College (Mehdipatnam), St. Pious College (Nacharam), Little Flower Institutions (Habsiguda), and St Francis College (Begumpet), Bhavans Vivekanada College (Sainikpuri) and delivered popular lectures and also interacted with the students. Infact, we have signed MoU to cooperate and facilitate joint research and academic activities between GMERF and these colleges on a bilateral basis.

- e) We have reinforced our faith in the youth of this country by initiating another socially relevant training and awareness programs for the young minds, called SARAS-India. We have a distinguished visitor from the Stony Brook Medical School, New York this morning who is the founder of this program in the USA and who is going to help us launch this exciting program in Hyderabad.

- f) **Finishing School:** To bridge the gap between class room and real world for jobs and research career, for graduates and Post-Graduates of Life Sciences/Biotechnology. Since GEMRF is a young organization, due to (finance and infrastructure) constraints we have limited ourselves to the following activities.

1. Offer hands on training in tools and techniques through research projects
2. Train them to do literature search, analyze research papers and write manuscripts for publication.
3. Train them to conceive and write small goal oriented research projects
4. Train the students to prepare and present data through power point slides
5. Facilitate application for research fellowships

We train these students in communication skills, case study presentation, group-discussions and scientific writing. One of the BCIL trainees published a review article in the top medical research journal from India, The Ind. J. Med. Research and another M. Tech student published his project research data in a leading international journal, Advances in Infectious Diseases. Many more papers are in the pipeline.

An important achievement in this direction is recognition by Biotechnology Consortium of India Ltd (BCIL) under DBT for our Molecular Diagnostics Laboratory for industrial training programs and BCIL sends candidates for industrial training.

GMERF has made a humble beginning in the year 2012-13.

It offered training to academic training to 106 Pharma D students,

56 B. Sc Nutrition and Dietetics and

And offered research training to

14 M. Sc Biotechnology and Microbiology students from JNTU-Hyderabad, OU, Acharya Nagarjuna University Guntur and

1 M. Tech student from JNTU-Hyderabad.

2 BCIL trainees were allotted to us last year; Para Medical Course: 5, DNB.

g) We have already applied for individual recognition of this Foundation to DSIR, under Dept. of Science and Technology, site visit for this has already been completed and we hope to achieve this milestone also soon.

Research Initiatives:

A) We are very happy that we have established research collaborations with various national institutions:

1. ARCI - Nanomaterials
2. University of Hyderabad-Animal Sciences
3. Osmania University-Biochemistry, Zoology and Microbiology
4. NIN-Experimental Animal Facility
5. JNTU-Hyderabad-Biotechnology
6. IIT-D-Chemical Engineering, nano particles
7. NIMS-Microbiology
8. PGIMER-Microbiology

B) We have been recognized for PhD programs by JNTU-Hyderabad, Osmania University and Dr.NTR University of Health Sciences.

C) 6 consultants have been recognized as guides for DNB courses and 3 consultants from the laboratories are recognized as PhD guides various universities.

D) One of our laboratory staff has got her research project approved recently and been offered prestigious Senior Research Fellowship for 3 years to pursue the PhD program.

E) We have a modest number of publications from our laboratories in various national and international journals in 2012-13.

We have made a modest beginning and we hope to attract funding for our research projects and for our academic activities from various agencies and donors in days to come so that we could extend our facilities and expertise to more deserving students.