



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka State

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Date: 2 - DEC 2015

CIRCULAR

Sub: Inviting Faculty members for Bio Risk Management Training Workshop.

With reference to the subject cited above, the first training cycle of the Global Bio-Safety Research Institute (GBSRI) is organized by the University along with Sandia National Labs, USA and Blue Sky Angels, Bangalore in partnership with Bio-Security Engagement Program, US Department of State. The training will be conducted at our Bangalore Regional Centre as detailed below:

BRM Foundation Workshop (Basic Level)	December 11-12, 2015
Trainer's Training Program (Advanced Level)	December 14-18, 2015

The maximum number of participants for the Basic Level Workshop is 16 members only. The pre requisite to attend the Advanced Level Program is to complete the Basic Level Workshop. Participants, who have already attended the Basic Level Workshop during March-2015, may directly enroll for the Advanced Level Program.

You are hereby requested to nominate interested faculty member for the program mentioned above by registering on below link. This is a paid program and colleges may sponsor their faculties.

For registration, please visit the website <http://www.gbsri.in/register.html>.

Flyer for the Workshop is enclosed for ready reference.

Sd/-
REGISTRAR

To, The Principals of Affiliated/Autonomous/Constituent Engineering Colleges.

Copy for information to:

1. The Special Officers of VTU Regional Offices to circulate the same immediately.
2. The PG Coordinators, Department of PG Studies, All Centers of VTU.
3. The Secretary to VC, VTU Belagavi.
4. CNC, to upload on website


REGISTRAR
(Dr.K.E.Prakash)

Host Site:



Government of
Karnataka

Supported by:



Dept. of Bio-Technology,
Govt. of India



Bio-Security Engagement Program,
US Department of State

Program Schedule

December 12, 2015, Day 1: Inauguration of GBSRI (Detailed Schedule under Finalization)	
Dec 11, Day 2	Dec 12, Day 3
<p>Welcome & Introductions Orientation to Biostat Management (BIM) Risk Assessment, Characterization, and Evolution Biossecurity</p>	<p>Review of Day 2 Risk Mitigation Strategies Biossecurity</p>

Workshop Schedule: Faculty, Faculty Workshop-Laboratory Track

Dec 14, Day 1	Dec 15, Day 2	Dec 16, Day 3	Dec 17, Day 4	Dec 18, Day 5
<p>Welcome & Introductions Determining Key Metrics for Teaching Design, Delivery & Sustainability</p>	<p>Biological Waste Disposal Preparing Students & Creating an Optimal Learning Environment Designing Training Memory & Recall Deliver Learning Style and Settings</p>	<p>Writing, Evaluating and Validating Standard Operating Procedure (SOP) Teach-back assignments Teaching Material Discussion Practice and Coaching for Assigned Activity</p>	<p>Developing an Effective Training Agenda Roles and Responsibilities for Implementing Effective Training Practice and Coaching for Assigned Activity</p>	<p>Teach-back presentations Feedback Evaluating Training and Trainers Action Plans and Next Steps</p>

Workshop Schedule: Trainers' Training Workshop- University Curriculum Development Track

Dec 14, Day 1	Dec 15, Day 2	Dec 16, Day 3	Dec 17, Day 4	Dec 18, Day 5
<p>Welcome & Introductions Bios Management (BIM) Curriculum Development Higher Education Key Principles for Training Design, Delivery & Sustainability</p>	<p>Higher Education System and Curricula Update Process Experiences in teaching BIM Designing Training: Memory & Recall Different Learning Styles and Settings</p>	<p>Teaching models and approaches, examples and methods from the Global Biostat Management Curriculum (GBMCM) Identifying audience, content priorities, and formats for different tracks</p>	<p>Discussion on needs for further support for BIM BIM Curriculum Development Exercise</p>	<p>BIM Curriculum Development Exercise BIM Curriculum Presentation</p>

Organized by:



Biosecurity



Visvesvaraya
Technological
University (VTU)



INAUGURATION:

of the first training cycle of the
Global Bio-Safety Research Institute

(GBSRI)
December 12, 2015

Host Organization: Visvesvaraya Technological University (VTU)
Regional Centre, RCHS Layout, Nagabhavi, Bangalore -560 001

Inaugural Training Sessions:

BSRM Foundation Workshop : December 11- 12, 2015

Trainer's Trainer Program : December 14, 18, 2015

www.gbsri.in



Global Engagement
Platform:

Platform Key

India: The Frugal Innovation Hub

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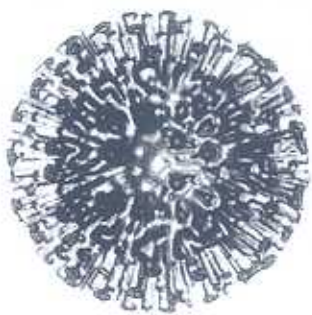
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Infective agents and biological toxins do not respect geographical boundaries



William B. Whitman esu
matters the number of bacteria in our planet is around five million trillion trillion, that's a five with 30 zeroes!

Outbreaks and incidents involving anthrax, mad cow disease, H1N1, SARS, Ebola and very recently swine flu have clearly shown that we cannot afford to overlook biologically based events. Biotanks exist in multiple settings in public and animal health including but not limited to animal husbandry, food processing, as well as in diagnostic, research, and vaccine production facilities. Formulating regulations governing biological agents and toxins in all settings is one matter, but effectively implementing mitigation of biotank requires a multi-prong approach.

While no approach can be perfect, we must adapt to counter new and emerging challenges of dealing with infectious biological agents and toxins. Therefore this Symposium would attempt to bring multiple stakeholders from animal and human health sectors, diagnostic and research laboratories, biotechnology, industrial sector together in one venue.

Managing biorisks posed by infectious biological agents and toxins

Risk is defined by likelihood that an event will occur and consequences of that occurrence. Biorisk is composed of biosafety and biosecurity. Biosafety is defined as the likelihood of an accidental exposure to agent and the consequences of that exposure. Biosecurity is defined by the likelihood of a biological agent intentionally being used to inflict harm and/or terror, and by the potential consequences of an attack with that agent. The populations of concern include persons in and around the

laboratory, the human population outside the laboratory, the environment and the natural community outside the laboratory. Dealing effectively with biorisks requires first recognizing the risk, then assessing and possibly quantifying the risk. Only after this we can develop and implement appropriate "biorisk mitigation" measures. Mitigation solutions must address the specific biorisk assessed and therefore are unique to each biorisk assessed.



The Global Bio-Safety Research Institute (GBRSI)

The Global Bio-Safety Research Institute (GBRSI) will focus on preventing, providing, combating, and containing biological threats to public health, the state of biosafety and biosecurity in the food, biotechnology sector and in human and animal health, and collaborative initiatives by different stakeholders. It will also provide a Regional (S.E. Asia) competency center for Bio-Safety.

The programs in the Institute will focus on both operational/laboratory, staff and management/ leadership in industrial, clinical and educational organizations. The Institute will provide training on biorisk concepts, assessment, and mitigation measures. GBRSI will offer these modules for all stakeholders and will have specializations for the research laboratory (public and private) personnel and similar for management/leadership. The programs in the Institute will focus on "Human Based

"To Train Bio-Scientists to work safely and securely with high-risk pathogens"

Mission

World Class "Regional" Competency Centers for Biosafety

Training will be delivered in various modalities of remote activities and seminars relative to biorisk management capabilities by individuals who has international experience in conducting training on biorisk laboratory safety, assessment, and diagnosis, mitigation measures and laboratory operations, will conduct the programs. The main objective of the Institute is to help strengthen biorisk prevention in the laboratories by providing pre-symptomatic identification of potential and immediate intervention on how to assess, control, contain and to report and document ongoing events, and to evaluate performance of the biosafety management system.

GBRSI would have a period of time to evaluate these activities during the initial period of its operation. For more information, please contact: info@gbrsi.org



Biological Risk