About The University:

Mohanlal Sukhadia University is **NAAC accredited "A"** grade university and secured **3.11** CGPA on **4** point scale (erstwhile Udaipur University) and Ranked **151-200** by NIRF, MHRD, GOI at Udaipur. It is a State University established by an Act in the year 1962 to cater the needs of higher education in Southern Rajasthan with more then **2.25 Lakh Students**. The University is touching heights with our visionary Honorable Vice-chancellor Prof. Amarika Singh ji Sir. The university has started colleges for Engineering, Architecture, Education and also extension of University as North campus In the name of **Shreenath Ji Peeth Centre of Excellence** for tribal students bringing University on National And International platform.

RUSA 2.0
Government of India

Inauguration of

Dr. A. P. J. Abdul Kalam Centre for Entrepreneurship and Skill Development (AKCES)
And
Centre for Public Health Innovation and Incubation (CEPHII)

तकनीक से रोजगार की ओर...

Supported by RUSA 2.0 (Career Hub)
Department of Zoology, MLSU

Date: 06/12/2021 Time: 10:00 AM

Venue: Department of Zoology, UCoS, MLSU, Udaipur

Patron

Prof. Amarika Singh
Hon'ble Vice Chancellor
M. L. S. U., Udaipur

Co-Patron

Prof. G. S. Rathore
Dean, UCoS
M. L. S. U., Udaipur

Coordinator

Prof. Arti Prasad
Head, Dept. of Zoology
M. L. S. U., Udaipur

Organizing Committee:

Dr. Vijay Kumar Koli
Dr. Deepak Rawal
Dr. Devendra Kumar
Dr. Asha Ram Meena
Dr. Girima Nagda
All Members of the Department

About AKCES & CEPHII:

- These centre (AKCES & CEPHII) will be a cradle for entrepreneurship, innovation and capacity building for tribals of south Rajasthan
- It is funded by RUSA 2.0 Career Hub scheme.
- Our main aim will be to impart knowledge through **a.** certificate courses, **b.** to develop training centre for budding entrepreneur in solid waste management, Vermitechnology and public health management, **c.** innovation and incubation platform for all inquisitive minds and attracting national and international industries for employment generation.
- It will be an ideal place for those interested in creating jobs rather than getting jobs.

Coordinator: Prof Arti Prasad

Team: Project Fellows, RUSA 2.0 Project Research Scholar of the Laboratory of Public Health Entomology

VISION

Development of self entrepreneurship and capacity building for a sustainable future to support National Education Policy (NEP).

MISSION

- To develop a resource and incubation centre in the tribal belt of South Rajasthan.
- To promote and encourage tribal youth for adopting self sustainable, small scale family managed business.
- To impart knowledge through training and research in Vermi & mushroom biotechnology and public health.
- Giving opportunity to young entrepreneurs to cater their innovative ideas by providing a resource platform.
- To develop the linkage with national and international institution for quality training and partnership in the area of public health.

Programme Schedule

Time	Schedule
10:00AM-10:15AM	Arrival and Welcome of The Honorable Vice Chancellor Sir and Guests
10:15AM-10:30AM	Inauguration and Visit of The Units (Vermiculture, Mushroom, Public Health Unit)
10:30AM-10:35AM	Lamp Lightening, Kulgeet in The Department Museum
10:35AM-10:40AM	Reading of Constitution Preamble and Fundamental Duties by Honorable Vice Chancellor Sir
10:40AM-10:45AM	Brief Introduction of RUSA 2.0 Project by Coordinator
10:45AM-10:50AM	Welcome Address by Dean, UCoS, MLSU
10:50AM-11:55AM	Release of Proceedings of International Conference “PENWI-2021”
10:55AM-11:00AM	Inauguration of 15 Days Hands on Training Programme For Public Health and Entrepreneurship and Felicitation of Department Student Pragya Sharma on Her Extra Ordinary Achievements
11:00AM-11:10AM	Presidential Address by Honorable Vice Chancellor Sir
11:10AM-11:15AM	Vote of Thanks by Department of Zoology
11:15AM-11:16AM	National Anthem of India
11:16AM to onwards	High Tea

Two Weeks Hands on Training Programme on Capacity Building and Entrepreneurship in Public Health

In recent years, vector borne diseases are increasing and many diseases are reported at first time after a long time period. In this year mosquito borne disease cases like dengue cases have increased significantly up to 1.35 fold till now as compared to last year. Modern vector control campaigns cannot be conducted efficiently and economically unless the organization is staffed with personnel having a high standard of training. The need for special training of vector control personnel has arisen only during the last two decades, following the discovery of modern insecticides. Personnel handling these compounds must be familiar not only with the methods and techniques of application, according to the habits of the vectors concerned, but also with the toxic hazards involved. Modern concepts of vector control, including the possibility of eradicating certain vector-borne diseases such as malaria, have directed attention to the importance of improving the efficiency of control measures. The success of the eradication campaigns against malaria and other vector borne diseases can be through good laboratory and field trainings. The training course impart with a basic knowledge of disease vectors, with special reference to modes of transmission. The training includes practical and field training in the following: collection and preservation of vector; survey methods; identification of vectors; biology and ecology of vectors and the epidemiology of important vector-borne diseases.

What are the benefits of the Training?

It is free: it is supported by MHRD RUSA 2.0 for the skill development in public health.

It is Credible: You can learn the latest tools and techniques for vector control programmes from renowned national and international experts to improve awareness and understanding of vector control.

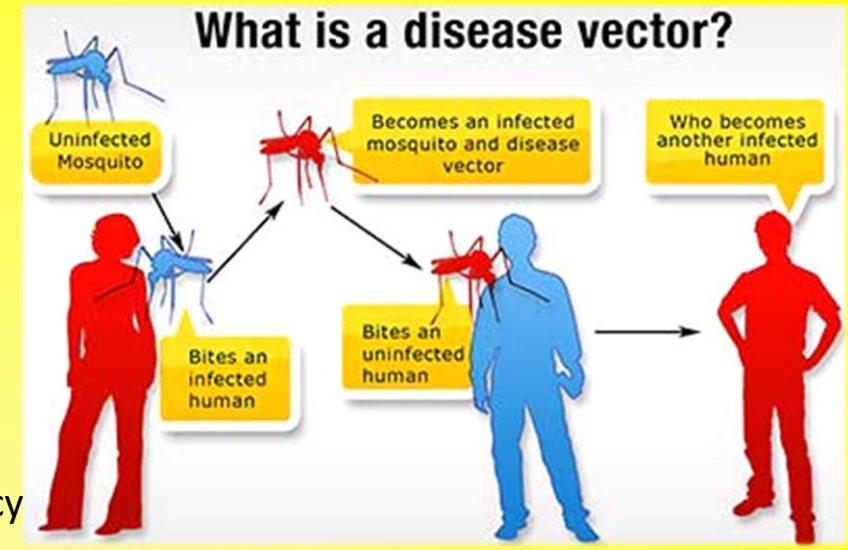
It Is Practical: you can access important principles, practices and resources to address vector control issues affecting the country.

Objectives of the Training:

1. Vector Borne Diseases and Biology of Vectors.
2. The effective application of the basic principles of vector control according to local environmental conditions.
3. Evaluation of the results of vector control programmes.
4. Avoidance of hazards associated with the use of Insecticides.
5. Economy of material by proper planning and organization.
6. The proper handling of transport and equipment.
7. Health education in the local community.

Topics to be covered during Training Programme:

Topics:



- Vector Borne Diseases (VBDs) in India
- Arthropods of Public Health Importance (Identification and Specimen observation)
- Lab Processing of field Collection
- Specific Vector Control Measures in Emergency
- CDC Bottle Bio-assay, Vapor- tox, cone bioassay, and Peet Grady
- Role of Integrated Vector Control Management-IVM
- Importance of Entomological Surveillance and its role in VBDs
- Entomological Surveillance- Types of Collection for Adults and Larvae
- Insecticide Susceptibility & Resistance to Vector Mosquitoes
- Insecticide Susceptibility WHO Std test-Lab Demonstration
- Bio-efficacy of Insecticidal Residual Spray on Various Surfaces and Laboratory Demonstration
- Larvicides and Adulticides: Introduction and Application and source management
- Field visits: Observation, Reporting and Interpretation of Field Test Results
- Basic Tools and Techniques in Entomological Research (ELISA, PCR etc.)
- Stockholm convention- Phasing out DDT from India for Vector Control
- Equipment for Larvicide and Adulticide Activity
- Types of Vector Control Measures for Adults and Larvae

Resource Persons of Laboratory of Public Health Entomology and DPHE

Dr. Rajpal S. Yadav
Veterinary Public Health, Vector Control &Env. Unit WHO, Geneva, Switzerland

Dr. R. S. Sharma
Former Addl. Director, NCDC, New Delhi

Dr. N. P. Singh
Scientist Emeritus & Former HOD, University of Rajasthan, Jaipur

Dr Roop Kumari
National Professional Officer (Malaria & VBDs), WHO Country Office, New Delhi

Dr Kalpana Baruah
Addl. Director NVBDCP, MOH&FW New Delhi

Dr. Rina Tilak
Scientist G, AFMC, Pune

Dr. P K Shrivastava
NPO Malaria & VBD Programme, WHO SEARO, New Delhi

Dr. L. J. Kanhekar
Project Consultant, CSIR-National Engineering Research Institute. Ex. Joint Director, NCDC, New Delhi

Dr. Manas Sarkar
Head, Global Science Platform (Ento.)
Reckitt Benckiser Group Plc (UK)
Centre of Excellence for Pest Innovation, Gurgaon (India)

Prof. S P Trivedi
Professor, University of Lucknow

Dr. Himmat Singh
Scientist D, NIMR, New Delhi

Dr. Kaushal Kumar
Former HOD, Centre for Medical Entomology, NCDC, New Delhi

Dr. P T Joshi
Former State Entomologist & Consultant State Entomologist NVBDCP & IDSP, Govt. of Gujrat

Dr. R. Ashokan
Chief Entomologist, Chennai

Dr. Pankaja Raghav
HOD, Community medicine & Family medicine, AIIMS, Jodhpur

Dr. Diwakar S. Dinesh
Scientist E, RMRC, Patna