

## National conference on Advances in Life Sciences and Biotechnology (LIFETECH-2020)

The LifeTech-2020 was co-organized by the department of Biotechnology and the Department of Life Science, Rama Devi Women's University on 27<sup>th</sup> – 28<sup>th</sup> February 2020 with the goal to promote excellence in knowledge and innovation in Life Science and Biotechnology. **A sum of Rs. 2,00,000/- was contributed from the CURIE grant for the conference.** The conference aimed at bringing together various researchers working in industries and academia to provide an innovative and comprehensive overview of recent advances in major areas of biological sciences. LifeTech-2020 was attended by 270 delegates including 10 keynote speakers and 11 young scientist speakers. The conference focused on global research challenges and solutions in the field of Bio-science and Biotechnology including plant and animal biotechnology, modern medicine and human health, agriculture and crop improvement, medicinal plants and therapeutics and environmental engineering. Some of the important topics discussed in the conference includes cytogenetics of Indian Cucurbits; Multiple roles of MPK3, a mitogen activated protein kinase member in rice; Plant peroxisomes: a novel strategy for abiotic stress acclimatization; CRISPR/Cas9 genome editing towards crop improvement; Molecular tools for diagnosis of tuberculosis and drug resistance; Structure-function studies identify a chimeric nucleoplasm from *Arabidopsis thaliana* among others. On the occasion, a proceeding of LifeTech-2020 was released that contained the abstracts for keynote addresses, invited lectures and poster presentations.



Glimpses from the National Conference LIFETECH-2020