

Report of ITLS 2022
Two Day International Conference on
Innovative Trends in Life Sciences

BRIEF STATEMENT OF OBJECTIVE OF CONFERENCE HIGHLIGHTING ITS
IMPORTANCE IN PRESENT CONTEXT
(*SEPARATE PAPERS TO BE ATTACHED*)

This two day International Conference on “**Innovative Trends in Life Sciences**” was inaugurated by Dr. Sanjay Deshmukh, Former V. C. University of Mumbai. In his key note address, he focused on innovative trends in Life Sciences.

The first session was conducted by Prof. Ashish Deshmukh from S. U. Kolhapur. He produced much research and pioneered so much work in Cell Biology. In his talk, he has given the valuable information related to CRISPER Cas 9 technology which is based on genome editing.

In second session Dr. Girish Walavalkar from Innovations Unlimited, Mumbai has shared different views regarding Biotechnology Revolution. In his talk he has given the information related to current and future opportunities in Industry.

The next session was conducted by Dr. Dhananjay Yadav from South Korea. In his talk he discussed risk factors of Diabetes and metabolic syndrome.

Dr. Khan Ahmed Abdul Haleem from Telangana University has given valuable talk on research in plant science in which he mainly focused on the innovative trends, opportunities and challenges in plant science.

In the next session Dr. Shivraj Nile from Zhejiang Chinese Medical University, China has discussed on exploring plant based bioactive compounds as a functional food and drugs in cancer research.

Prof. Ramesh Bhat, from university of Agricultural Sciences, Dharwad has explained the novel marker systems for molecular breeding in groundnut.

In this conference total 400 plus participants were participated. There were about 50 oral and 50 posters presented by delegates and students.

A) Objectives of Conference –

International conference on “**Innovative Trends in Life Science**” aims to bring together leading scientist, researchers and academicians to exchange and share their experiences and research results in all innovative aspects of life science . It will also provide an interdisciplinary platform to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adapted in fields of life science technologies. The conference will provide the latest insights into the subject through the presentations and discussions on a wide variety of themes. This conference will be an

excellent opportunity for the delegates from universities and institutes to interact with world class scientists.

B) Brief outline of the theme of seminar –

International conference on ‘Innovative Trends in Life Science ‘ is aimed at providing opportunity to researchers from various disciplines to interact and present their research work to the audience which will be a fine blend of senior as well as budding scientists.

Thrust Areas –

Bio nanotechnology, Zoology and Animal science, Biotechnology, Environmental Science, Cancer and Metabolic disorders, Toxicology, Airborne diseases, Plant and Agri science, Pre and probiotics, Biodiversity and Conservation, Pharmaceutical Sciences .

C) It's importance and Relevance –

International conference on ‘Innovative trends in Life Science’ aims to enable you to evaluate the latest knowledge that can potentially help to grow research. It will also provide an interdisciplinary platform to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adapted in fields of life science technologies.

D) Name of resource person's –

- **Prof. Dr. Sanjay Deshmukh**
Former Vice-chancellor, Mumbai University, Mumbai
- **Prin. C. J. Khilare**
S. M. Joshi College, Hadapsar, Pune
- **Prof. Dr. A. A. Deshmukh**
Head, Zoology Department, S.U. Kolhapur
Topic: CRISPR Cas 9 based genome editing
- **Dr. Girish Walawalkar**
Director, Innovation unlimited, Mumbai
Topic: Biotechnology Revolution: Current and Future Opportunities in Industry
- **Dr. Dhananjay Yadav**
Research Professor, Department of Medical Biotechnology,
Topic : Risk Factors of Diabetic and metabolic disorders
- **Dr. Khan Ahmed Abdul Haleem**
Chairman, BOS, Dept. of Botany
Telangana University, Nizamabad (TS)
Topic: Research in Plant Science: Innovative Trends,
- **Dr. Nile Shivraj Hariram**
Associate Professor,
Zhejiang Chinese Medical University,

Hangzhou, China

Topic: Exploring plant based bioactive compounds as a functional food and drugs in cancer research

- Prof. Ramesh Bhat,
Department of Biotechnology,
University of Agriculture Sciences,
Dharwad, India
Topic- Novel Marker systems for molecular breeding
in groundnut

Prof. Dr. Sanjay Deshmukh sir former Vice Chancellor of Mumbai University Mumbai has inaugurated the conference and presented key note address.

In his inaugural speech he has said that the disciplines of the Life Sciences has to come forward to do research of societal needs ,which will contribute in nation building and wellbeing of human welfare .The keynote address of the conference was delivered by Professor Sanjay Deshmukh sir. In his key note he pointed out the innovative trends in Life Sciences from various subjects when come together by hard in hand they may produce the results for longer sustenance to everything which is a part of life science.

Principal Dr. C. J. Khilare sir has chaired the inaugural function. He has addressed to the conference and focused on recent advances in life science and achievements of life sciences, there is need of explore the potential of the molecules which are there in living resources .convert there resources into services through protect and make the people happy by all means .

Dr. Shivraj Nile was joined by online mode from China, he has delivered his talk on plant based bioactive compounds. He said that the discovery of plant molecules in the future can contribute to make the plant based medicine to check the health disorders.

Dr. Ahmed Khan was joined this conference from Nizamabad (Telangana University).In his talk ,he has explained in detail the opportunities and challenges in plant sciences .He has opened the topic from old ages of Botany to recent advances in plant sciences . He bring out the notice to the audience ,how plant science, now days contributes in human welfare by various kinds .

Technical Session (Oral Presentations)

The technical session of the first day was organized to present the research outputs under the category of oral presentation by UG/PG students, research Scholars and Teaching Faculty. The presenters were given 8 minutes for presentation and 2 min for discussion. Researchers presented their work from basic life science to applied aspects of life science like nanotechnology and bioprospecting. Two and half hours of marathon session was brainstorming

and with new and innovative research concept in the field of Plant science, Zoology, Biotechnology and Microbiology.

The oral presentation session of Botany was organized at Hall no. A2-11 the session was chaired by Dr. JayeshVaishnav, Government College, Harsud, Khandwa, Madhya Pradesh. Dr. Nivas Desai shared the session as Rapporteur. Total 35 research papers were registered for oral presentation and 12 competitors presented their work. Dr. Ingavale M. B. and MadhuriSuryawanshi secured first prize in Oral presentation. Dr. SharadaGhadage concluded the session with vote of thanks.

The oral presentation session of Zoology was organized at Hall No. A2-18. The session was chaired by Dr. S.B. Nikalje, Department of Zoology, Shivaji University, Kolhapur. Mr. A.A. Gangawane shared the session as Rapporteur. Total 28 research papers were registered for oral presentation and 15 competitors presented their work.

Mr. AkshayKhandekar and Mr. Yogesh K. Mane secured first prize in Oral presentation.

Miss KhandekarR.S.concluded the session with vote of thanks.

The oral presentation session of Microbiology was organized at Hall No. A1-10. The session was chaired by Dr. GirishWalawalkar. Dr. P. S. Patil shared the session as Rapporteur. Total 12 research papers were registered for oral presentation and 04 competitors presented their work.

The best Oralpresentationwas received by KirtiYadav

Mr. Vibhute S. D.concluded the session with vote of thanks.

The oral presentation session of Biotechnology was organized at Hall No. A1-10. The session was chaired by Miss D. A. Malvekar, Department of Zoology, RCS College, Kolhapur.Mr. Vibhute S. D.shared the session as Rapporteur. Total 12 research papers were registered for oral presentation and 04 competitors presented their work.

Mr .UttamraoShevale and Miss PranitaPatil secured first prize in Oral presentation.

Mr. Vibhute S. D.concluded the session with vote of thanks.

Technical Session (Poster Presentations)

The technical session of the first day was organized to present the research outputs under the category of poster presentation by UG/PG students, research Scholars and Teaching Faculty. Researchers presented their work from basic life science to applied aspects of life science like applied zoology, medical microbiology, advanced biotechnology, nanotechnology and bioprospecting of medicinal plants. Two and half hours of marathon session was brainstorming and with new and innovative research concept in the field of Plant science, Zoology, Biotechnology and Microbiology.

The poster presentation session of Botany and Zoology was organized at Hall no. A0-08. Dr. Umesh Pawar, SPK College Saantwadi was appointed examiner for the evaluation of the entire research poster under plant science. Total 27 participants were registered for the competition, and 12 presenters were present for the competition. Mr. Pratik Kamble secured first prize in Botany poster competition.

In the subject Zoology, 17 participants were registered for the poster session, 10 were presented their poster.

The poster session for the subject Microbiology and Biotechnology was organized at Hall no. A0-09. Dr. Jayesh Vaishnav, Government College, Harsud, Khandwa, Madhya Pradesh was appointed as examiner for the entire posters under the subject microbiology and Dr. Suryakant Wadkar, Head, Department of Biotechnology, KWC, Sangli was appointed as evaluator for all the poster falls under the subject Biotechnology.

For Microbiology, 15 participants were registered for the session, and 11 were presented their work. More T.R. secured first place in the Microbiology poster competition.

For Biotechnology, 17 posters were registered for competition, and 7 were actually participated in the competition. The best poster was awarded for Ms. Priyanka Mazire in Biotechnology.

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Mr. Vibhute S. D. concluded the session with vote of thanks.

Oral presentation competition evaluation

Under the subject Botany, Zoology, Microbiology and Biotechnology



Certificate Distribution

Sadguru Gadage Maharaj College has organized International Conference on Innovative Trends in Life Sciences on 11th and 12th March 2022. In this conference 511 participants have been participated. 35 participant participated for oral presentation and 27 1participant participated for poster presentation. We have distributed certificated after valedictory function. We have printed 550 certificates for oral/poster/ participated and distributed to the participants. For resource person / Chair person / Examiners we have printed 30 certificates and also distributed to the same.



Certificates distributed in the valedictory function.

