

Bharati Vidyapeeth's
Dr. Patangrao Kadam Mahavidyalaya, Sangli.
Third National Conference on
Recent Trends in Pure and Applied Sciences
Saturday, 13th March 2021
(RTPAS-2021)
Organized by
Department of Zoology and Internal Quality Assurance Cell

REPORT

To fulfill the objective of conference that is sharing of knowledge and discussion on highly current currant issue. Internal Quality Assurance Cell of Dr. Patangrao Kadam Mahavidyalaya, was organized the Third National Conference on Recent Trends in pure Applied Sciences on 13th March 2021 on virtual mode.

Inaugural address: The chief Guest of Inaugural function was Hon. Vice Chancellor, Dr. Nitin Karmalkar Savitribai Phule Pune University Pune and President of Inaugural function was Dr. H. M. Kadam Regional Director, Bharati Vidyapeeth, Pune.

First of all, Convener of Conference Dr. Mrs. Prabha Patil Madam welcomed all dignitaries and expressed forward of the conference.

Organizing chairman of the conference was Prin. Dr. D. G. Kanase, Member of Management Council, he introduced the conference, gave all information and history of Bharati Vidyapeeth in brief. He welcomed chief Guest Hon. Dr. Nitin Karmalkar, Vice Chancellor Savitribai Phule Pune University Pune. Then he welcomed president of inaugural function.

Chairperson Dr. D. G. Kanase expressed gratitude towards regional director, for his constant support. Hon. Vice Chancellor Dr. Nitin Karmalkar in his inaugural address, has mentioned, how to scope, how to improve new technology, all of we must accept new things. He also mentioned new education policy is already accepted. New education policy emphasizing liberal education. We must understand routes of liberal education, concept of liberal education. He has also explained situation of Covid pandemic particular disease. He also mentioned we will able to resolve many problems by coming together. Regarding recent trends we must get updated, we must know gaps between knowledge system. He has also mentioned understanding is the basic science. All we were inspired by great words of Hon. Vice Chancellor Dr. Nitin Karmalkar.

Inaugural session was hosted by Miss Bharati Bhavikatti Head, Department of Microbiology. Vote of thanks was proposed by Internal Quality Assurance Cell Coordinator, Dr. Amit Supale.

Session I: In session I Resource person was Dr. V. S. Manne Prof. Head, Department of Zoology, Shivaji University Kolhapur. Chairperson of this session I was Dr. Mrs. V. I. Kalamade Head, Department of Zoology Yashwantrao Chavan College Karad.

Dr. V. S. Manne was introduced by Chairperson Dr. V. I. Kalamade. Session I topic was development of integrated pest management model for white fly. He has

covered all aspect of pest management for white fly, that is life cycle of silkworm, nature of damage, what is IPM, Eggs of white fly, weather factors considered for pest fore casting. Pest distribution map, regression equation for prediction of whitefly population. He has shared examples fore casting of model for white fly in Malada dist. West Bengal. Assessment of leaf yield loss due to whitefly in Mulberry. Assessment of economic threshold level for whitefly in Mulberry. He has explained biological control, chemical control and Botanical control of whitefly. He enlightened all the participants about pest management which will be beneficial to all Zoology faculty members. Chairperson Dr. V. I. Kalamade concluded the session very nicely. This session was hosted by Dr. V. B. Awale.

Session II: In session II Resource person was Dr. B. A. Kakade Associate Prof. SRM Research Institute, Chennai. Chairperson of this session was Dr. S. S. Latthe Assistant Professor Department of Physics, Raje Ramrao College, Jath. Session was opened by introduction of Resource person Dr. B. A. Kakade by the Chairperson Dr. S. S. Latthe. Topic of this session was "Sustainable materials design for Hydrogen economy". Dr. B. A. Kakade has covered all aspects of sustainable materials design for hydrogen economy. In this session he has explained basic need of energy. Why do we need renewable energy, Global warming, what is social need of renewable energy. 'Think green' is very important. Avoid fossil fuels. What is the need for technological innovation. He has explained energy sources, fuel cell device that convert chemical energy into electrical energy. What are the challenges for PEMFCS technology. Chairperson Dr. S. S. Latthe concluded session very nicely. This session was hosted by Assistant professor, Department of physics Dr. Dada Nade. Vote of thanks was proposed by Dr. M. J. Dhanawade Assistant Professor, Department of Microbiology.

After both sessions, there was valedictory function. Valedictory function was hosted by Mr. M. P. Gavit, Assistant professor Department of Botany. President valedictory function was Prin. Dr. D. G. Kanase Member of Management Council. Valedictory function was started with brief review of whole conference which was expressed by convener of the conference Dr. Prabha Patil. Vote of thanks of the whole conference was proposed by Dr. V. B. Awale Head, Department of Botany.

Both the sessions were knowledgeable and fruitful and definitely beneficial to all participants.

Patil

(Dr. Mrs. P. M. Patil)
Convener

D. G. Kanase

(Dr. D. G. Kanase)

PRINCIPAL,
Dr. Patangrao Kadam Mahavidyalaya,
Sangli - 416416 (Sangliwadi)





Inauguration Function



Inauguration Function



Hon. Vice Chancellor, Dr. Nitin Karmalkar delivered lecture



Hon. Dr. D. G. Kanase Presidential speech



Dr. V. S. Manne delivered lecture



Dr. V. S. Manne delivered lecture on development of integrated pest management model for white fly

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| <p>The Need for Technological Innovation</p> <p>Reference path set by today's plans and policies REmap: accelerated renewable energy uptake, as per IRENA's REmap analysis Notes: EE = energy efficiency, CCS = carbon capture and storage</p> <p>While the mix of energy sources is changing, renewable energy can play an important role in all sectors</p> | |
| <p>Dr. B. A. Kakade delivered lecture on Sustainable materials design for Hydrogen economy.</p> | <p>valedictory function</p> |

Patil PM
(Dr. Mrs. P. M. Patil)
 Convener



Dr. D. G. Kanase
(Dr. D. G. Kanase)
 PRINCIPAL,
 Dr. Patangrao Kadam Mahavidyalaya,
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