



National Level E- Workshop on
Organic Farming for sustainable Agriculture

Date: 24th March 2021

Sponsored by
Indian Science Congress Association (ISCA),
Amravati Chapter

Organized by
The Berar General Education Society's
Shri R. L. T. College of Science, Akola
Civil Lines Akola, Maharashtra - 444001

(Reaccredited by NAAC with 'A' Grade CGPA-3.12 (3rd cycle))

Affiliated to Sant Gadge Baba Amravati University, Amravati



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About E- Workshop

The green revolution greatly reduced world food shortages but at high environmental cost. Agriculture affects both the ecosystem and human health through added nutrients and pesticides. Continuous addition of chemical fertilizers and pesticides, although greatly increasing the global food production, have degraded agricultural lands, lowered the quality and taste of agricultural product and have increased environment induced risks. Sustainable agriculture is nothing but management practices of crop and animal production that secure long-term ecological productivity without degradation of their natural resource base and impoverishment of human health. Aim of this workshop is to increase consciousness about sustainable agriculture for safe and high-quality food. This will lead to a growing interest in alternative farm practices, including organic agriculture.

**Office bearers of
 Indian Science Congress Association,
 Amravati Chapter**

- **Dr. Anul K. Bodkhe**
Amravati Chapter Convener, ISCA
- **Dr. Omraj S. Deshmukh**
Treasurer, Amravati Chapter, ISCA
- **Dr. V. R. Deshmukh**
Executive Committee Member,
Amravati Chapter, ISCA
- **Dr. Mahesh P. Chikhale**
Executive Committee Member,
Amravati Chapter, ISCA
- **Dr. Sawan M. Deshmukh**
Executive Committee Member,
Amravati Chapter, ISCA

About Institute

Shri R. L. T. College of Science, Akola affiliated to Sant Gadge Baba Amravati University, Amravati was established under The Bharat General Education Society, Akola on 1st April 1978. The college is accredited by NAAC with 'A' Grade, CGPA-3.12 (3rd cycle). The college offers B. Sc., M. Sc., Ph. D. and various doctoral programmes like UCLL, DCLL and ADCLL. Agri stream has 14 Departments in college i.e. Biochemistry, Microbiology, Physics, Zoology, Botany, Chemistry, Computer Science, Physical Education, Languages, Mathematics and Library. Our college is one of the premier institutions delivering excellent education through dedicated collaborative efforts towards achieving recognition and tenure at national and international level. We can proudly declare that it has indeed grown from a seedling into a tree that has not only sheltered thousands of youngsters but also has seeded them into great personalities, now scattered across the globe. We strive for providing advanced academic, extracurricular, innovative techniques and cutting edge based globally competitive professionals through well thought based efforts. In order to discharge our noble responsibilities towards the work of science in large, we keep organizing state and national level workshops, seminars and conferences.



About ISCA, Amravati

The Indian Science Congress Association (ISCA), the premier organization of scientists of the country, has been working towards the advancement and promotion of the cause of science in India. The Amravati Chapter was launched in the year 2008-09. The chapter also undertakes a series of programmes of various occasions to inculcate scientific temper and generate scientific awareness in students as well as people in general.

Our Patrons



Dr. (Mrs.) Vijay Suresh Saxena
General President,
Indian Science Congress Association, Kolkata



Adv. M. G. Mohia
President,
The Bharat General Education Society, Akola

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The B. G. E. Society, Akola
- **Dr. A. G. Paragkar**
Joint Secretary,
The B. G. E. Society, Akola

And all Executive Committee Members
 of the B. G. E. Society, Akola

Organizing Committee

Chief Organizer



Dr. Vijay D. Nanoty
Principal, Shri R. L. T. College of Science, Akola



Dr. Anul K. Bodkhe
Convener, Indian Science Congress Amravati Chapter



Dr. Anshika S. Sawarkar
Assistant Professor (Zoology),
Shri R.L.T. College of Science, Akola



Dr. Sudhar R. Kulkarni
Assistant Professor,
Department of Zoology

Dr. Pravin R. Bante
Assistant Professor,
Department of Chemistry

Ms. Shikharsh C. Zyav
Department of Chemistry

Ms. Shalini V. Madan
Assistant Professor,
Department of Botany

Technical Support

Ms. Kam B. Ghoshal
Assistant Professor,
Department of Computer Science

Ms. Shalini K. Jaiswal
Assistant Professor,
Department of Physics

Registration

Please use following Google form link for free registration as participant.

Who can Participate

Teachers, Students, Farmers and all Earth lovers.

Registration Link - <https://forms.gle/qqhCr1rj5leYDKAA8>

Telegram Group Link

Telegram Link - https://t.me/joinchat/K_Bu08h1zpfYUW1

Attraction for Student Participants
 Online quiz on Organic Farming



National Advisory Committee

Dr. Ashok Kumar Saxena
Former, General President,
Indian Science Congress Association, Kolkata

Prof. R. S. Rangappa
Immediate Past General President,
Indian Science Congress Association, Kolkata

Prof. Anand Kumar Saxena
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Dr. Anoop Kr. Jain
General Secretary (Scientific Activities)
Indian Science Congress Association, Kolkata

Dr. Shoa Sanyal Prakash
Treasurer,
Indian Science Congress Association, Kolkata

Contact Details:
 Email - organicfarming2021@gmail.com
 Contact :
 Dr. Anshika S. Sawarkar Mob. : 9850141186
 Dr. Sudhar R. Kulkarni Mob. : 9766136552

Chief Guest and Inaugurator



Dr. R. A. Gulhane
Chairman, Board of Studies in Zoology
S.G.B. Amravati University, Amravati.

Speakers



Dr. Mohan B. Wadekar,
Associate Professor and Head
Post Graduate Department of Botany,
P. M. H. College Bramhapur,
Gondhara University, Gondal



Dr. Jivan R. Katore,
Assistant Professor,
ICRP on Livestock, College of Agriculture, Nigun,
Dr. PDKV, Akola

Workshop Schedule

- Inauguration**
- 11.00 am Join Zoom Meeting/ Youtube link
 - 11.15 am **Welcome speech** by Principal, Dr. V. D. Nanoty.
 - 11.30 am **Ahoor ISCA** by Dr. Anul K. Bodkhe, Convener, ISCA, Amravati Chapter
 - 11.40 am **Inaugural Speech** by Dr. R. A. Gulhane, Chairman Board of Studies in Zoology S.G.B. Amravati University, Amravati.
 - 11.50 am **Speech** by Purnaji Maheshwari, Hon. Secretary, The B.G.E. Society, Akola
 - 12.00 noon **Presidential Speech** by Adv. M. G. Mohia, President, The B.G.E. Society, Akola
 - 12.10 pm **Vote of thanks** by Dr. Anshika S. Sawarkar
- Guidance and Discussion Session**
- 12.10 pm **Invited Talk** by Dr. Mohan B. Wadekar, Topic : Organic Farming- A Sustainable Way
 - 01.00 pm **Invited Talk** by Dr. Jivan R. Katore, Topic: Organic Farming Management
 - 02.15 pm **Online Quiz** For Students
 - 04.00 pm **Feedback** filling by Participants to get E-certificate of Participation



National level online Workshop on Organic Farming for sustainable Agriculture was organized at Shri Radhakisan Lakshminarayan Toshniwal College of Science Akola.

The workshop was sponsored by Indian Science Congress Association, Amravati Chapter.

Introduction:

The green revolution greatly reduced world food shortages but at high environmental cost. Agriculture affects both the ecosystem and human health through added nutrients and pesticides. Continuous addition of chemical fertilizers and pesticides, although greatly increasing the global food production, have degraded agricultural lands, lowered the quality and taste of agricultural product and have increased environment induced risks. Sustainable agriculture is nothing but management practices of crop and animal production that secure long-term ecological productivity without degradation of their natural resource base and impoverishment of human health. Aim of this workshop is to Increase consciousness about sustainable agriculture for safe and high-quality food. This will led to a growing interest in alternative farm practices, including organic agriculture.

Objectives:

- To create awareness among the students, teachers and farmers regarding organic farming.
- To develop efficient crop and soil management options for organic farming.
- To develop need-based cost-effective new techniques for farm-waste recycling.
- To study productivity, profitability, sustainability, quality and input-use-efficiencies of different crops and cropping systems under organic farming in different agro-ecological regions.

Inauguration:

Inauguration of workshop programme was held on online platform of ZOOM. Principal Dr. Vijay D. Nanoty presided over the programme. Convener of workshop, Dr. Atul K. Bodkhe, Convener, Indian Science Congress Association (ISCA), Amravati Chapter, highlighted the relevance of program. He told about the working of Indian Science Congress Association. The Amravati Chapter also undertakes a series of programmes of various occasions to inculcate scientific temper and generate scientific awareness in students as well as people in general.

Chief Guest and Inaugurator, Dr. Rajiv A. Gulhane, Chairman, Board of Studies in Zoology, Sant Gadge Baba, Amravati University, Amravati, inaugurated the workshop. In his inaugural address he stated that Organic farming aims to produce different crops having high nutritive value. Organic farming is a viable alternative to the adverse effects of overuse of chemical fertilizers on human health. On this occasion, the congratulatory messages of Advocate Motisinghji Mohta, The Hon'ble President of The Berar General Education Society, Akola and Mr. Pawanji Maheshwari, Hon. Secretary, the B. G. E. Society, Akola were broadcast.

Principal Dr. Vijay D. Nanoty, The Chief organizer of the workshop and the chairman of the inauguration ceremony, said that the farmers need to adopt organic farming method keeping in view their own as well as national interest.

This programme was conducted by Joint Organizing Secretary, Dr. Sudhir Kohchale and Organizing Secretary, Dr. Archana Sawarkar proposed vote of thanks.

Technical Session:

In the guidance sessions, Dr. Mohan B. Wadekar, Associate Professor and Head Post Graduate Department of Botany, N. H. College Bramhapuri, Gondwana University, Gadchiroli, gave a power point presentation on the topic 'Organic Farming - Sustainable Way'. He gave detailed information about what is organic farming, various methods of organic farming as well as misconceptions about organic farming. He explained that organic farming is the system that favours maximum use of organic material. It is one of the several ways to sustainable agriculture. The other speakers in the guidance session was Dr. Jeevan Katore, Assistant Professor, College of Agriculture, Nagpur, Dr. P.D.K.V., Akola. He gave very informative information on the subject of organic farming management and Explained the methods of

intercropping, Crop rotation, ploughing, mulching, Integration of livestock etc. Both resource persons interacted with the trainees.

Online quiz:

Attraction for Student Participants was an ‘Online quiz on Organic Farming’.

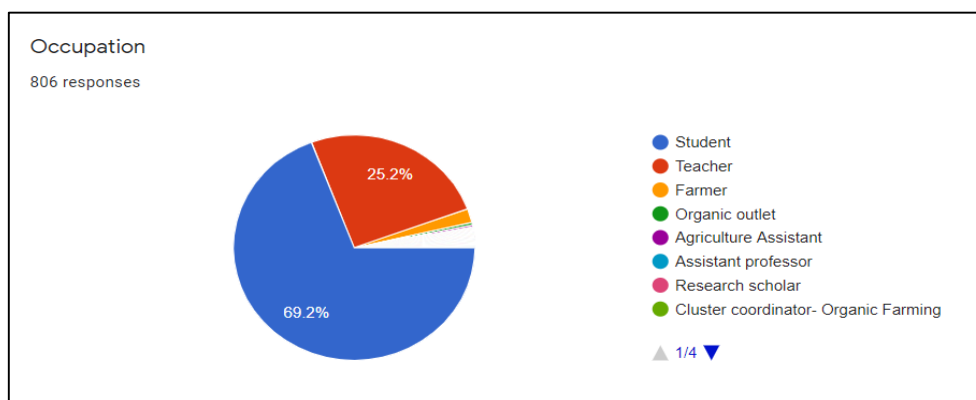
Technical Session was followed by an online quiz for the students. Mr. Chetan Surve of Khadki Science College, Mr. Irfan Ahmed Pare of Shivaji Science College, Amravati and Miss. Arpita Jadhav of Shri R.L.T. Science College, Akola bagged the first, second and third prize respectively. Winners were honoured with Certificate of Merit and Cash prizes of Rs 1000/-, Rs. 700/- and Rs. 500/- respectively. Technical Session and online quiz was conducted by Mr. Shankesh C. Zyate, and Mr. Shailendra V. Madavi.

For the success of the program, Convener, Dr. Atul K. Bodkhe, Convener, Indian Science Congress Association, Amravati Chapter; Organizing Secretary, Dr. Archana S. Sawarkar, Associate Professor in Zoology; Joint Organizing Secretary, Dr. Sudhir Kohchale, Assistant Professor in Zoology; Committee Members Dr. Pravin R. Kawle, Assistant Professor in Chemistry; Mr. Shankesh C. Zyate, Assistant Professor in Chemistry; Mr. Shailendra V. Madavi, Assistant Professor in Botany; Mr. Ram B. Ghayalkar, Assistant Professor in Computer Science; Mr. Shailesh R. Jaiswal, Assistant Professor in Physics, all the teachers and non-teaching staff worked tirelessly.

Financial Support: For this workshop, financial Support of Rs.10,000 /- (Rs. Ten thousands only) was provided by Indian Science Congress Association, Amravati Chapter.

Evidence of Success:

A total of 806 trainees from more than 15 states across India were participated in this organic farming workshop. Students, teachers, farmers and all earth lovers in the age range of 18 to 65 years were participated actively. Participants came to know that sustainable agriculture is necessary to attain the goal of sustainable development.



YouTube link: <https://www.youtube.com/watch?v=PHY3er6S3P4>

Photo Gallery

Inaugural Program



Inaugural Speech by Dr. Rajiv A. Gulhane,
Chairman, Board of Studies in Zoology, S.G.B.
Amravati University, Amravati



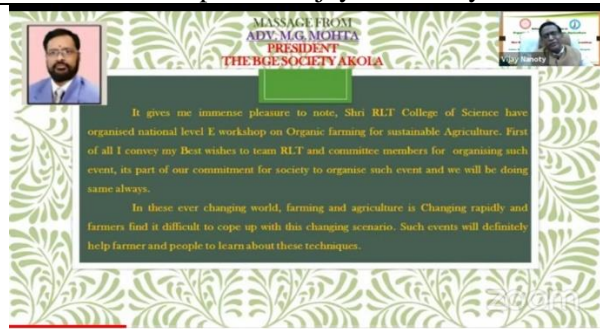
Welcome speech by Convener, Dr. Atul K.
Bodkhe, Convener, Indian Science Congress
Association, Amravati Chapter



Presidential address by
Principal Dr. Vijay D. Nanoty



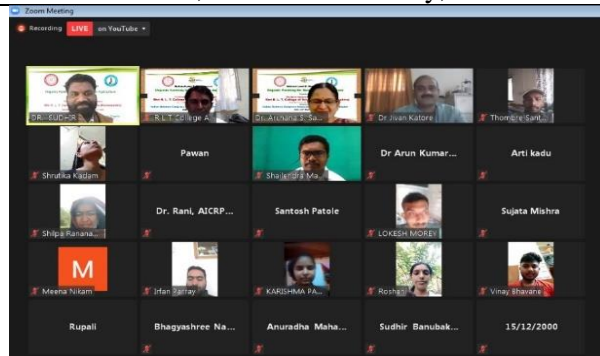
Conduction of Program by Joint Organizing
Secretary, Dr. Sudhir R. Kohchale



Congratulatory messages of Adv. M.G. Mohta,
President, The B.G.E. Society, Akola



Congratulatory messages of Mr. P.N. Maheshwari,
Hon. Secretary, the B. G. E. Society, Akola

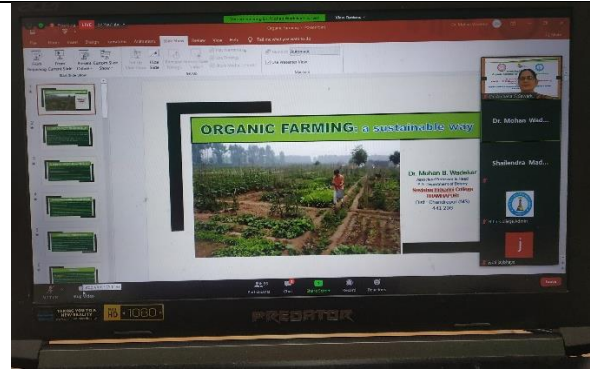


Participants In workshop



Vote of Thanks by Organizing Secretary
Dr. Archana S. Sawarkar

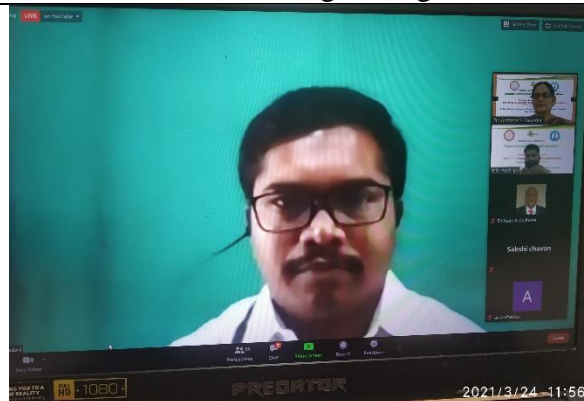
Technical Session



Guidance by Dr. Mohan B. Wadekar, Associate Professor and Head Post Graduate Department of Botany, N. H. College Bramhapuri, Gondwana University, Gadchiroli



Guidance by Dr. Jeevan Katore, Assistant Professor, College of Agriculture, Nagpur, Dr. P.D.K.V., Akola



Anchoring by Mr. Shailendra V. Madavi, Assistant Professor in Botany

Anchoring by Mr. Shankesh C. Zyate, Assistant Professor in Chemistry



Certificate of Participation

News of Workshop

