

Report of Seven days National Workshop

on

“Diversification of agro waste management in development of Mushroom Technology Entrepreneurship”



Seven days National Workshop on “Diversification of agro waste management in development of Mushroom Technology Entrepreneurship” began on 19th January 2017 with Inauguration function. Shri Anbalagan P. Collector Bilaspur was Chief Guest of the Inaugural function.



Day1: (19/02/17) Technical session 1

Keynote Address was delivered by Dr. RKS Tiwari, Principal Scientist (Plant Pathology) of TCB College of Agriculture & Research Station, Indira Gandhi Krishi Vishwa Vidyalaya Bilaspur – Chhattisgarh. His Presentation topic was Agricultural waste and mushroom cultivation – Prospects & Perspective. In his talk he focused on different lingo-cellulosic agricultural waste that can be used as substrate for mushroom cultivation in Chhattisgarh.



Invited Lecture 1 on Mushroom Cultivation: Present & Future Prospects was delivered by Dr. Bhaskar Chaurasia, Dept. of Rural Technology and Management GuruGhasidas Vishwavidyalaya. In his lecture he focused on different types of edible mushroom and their cultivation technology.



Invited Lecture 1 was followed by Invited lecture 2 by Dr. R.V.Shukla, Professor Emeritus on Mushrooms of Primary and Secondary Forests in Biosphere Reserve Chhattisgarh. He focused on the excursion of Chhattisgarh forest for different Mushrooms spp.



Technical session 1 ended with Lab Visit and participants Group formation.

Technical session 2 to 9 was based on rigorous training in this field.

Day 2 (20/02/17) Technical session 2



Lecture on Isolation of pure culture from different species of Edible Cultivable Mushrooms and Hands on - Culture Media Preparation (PDA) and Mushroom Mother culture Preparation (Oyster mushroom tissue excision and spore isolation) by Dr. Prashant Sharma, Scientist Biotech Lab and Research Centre, Ambikapur.



Oral Presentation on Mushroom Production in limited Resources by Suneel Bhagat M.Sc. Microbiology and Bioinformatics.

Day 3- (21/02/17) Technical Session 3

Lecture and hands on- Sterilization of Medium (Seeds) for Mother Spawn and Commercial Spawn Production by Dr.Prashant Sharma followed by Hands on-Preparation of Substrate (straw) for Mushroom Cultivation by Dr.Prashant Sharma.



Day 4- (22/02/17) Technical Session 4



Hands on - Mushroom Cultivation Methods and Harvesting of Mushroom Fruiting body



Lecture on Mushroom Disease Management by Dr.Prashant Sharma

Technical Session 5

Lecture on Medicinal and Nutritive value of Mushrooms by Dr. Nivedita Pathak , Krishi Vigyan Kendra, Bilaspur C.G.



Hands on – Mushroom processing at household level by Dr. Nivedita Pathak

Lecture and Demonstration on Management of Agrowaste and Mushroom spent by Dr. Nivedita Pathak

Day 5 (23/02/17) - Technical Session 6

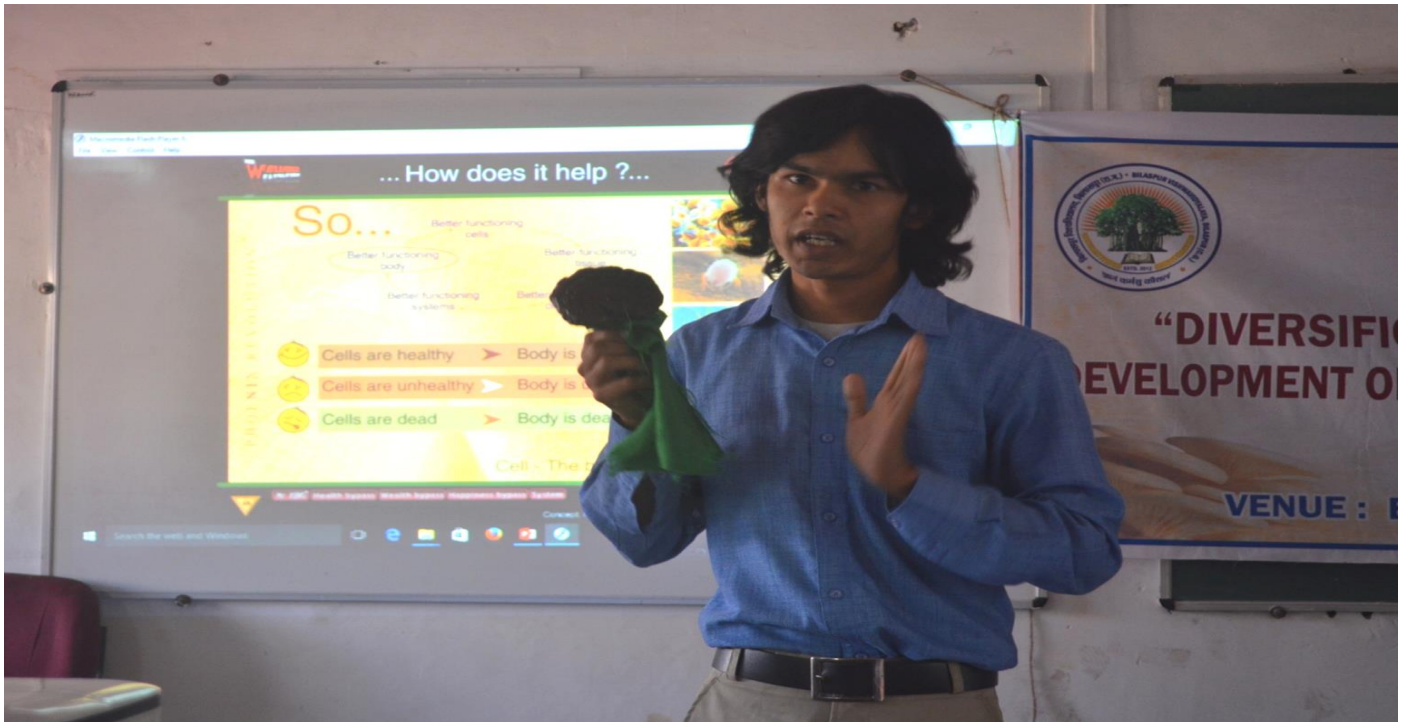
Lecture on King of Mushrooms Ganoderma



Demonstration on Bed and compost preparation for Cultivation of Paddy straw and button mushroom

Followed by herbal tea preparation using Ganoderma by Shri Basant Kumar Gupta of Karuna Mushroom Samiti Bilaspur (local Mushroom Grower)

Technical Session 7



Oral Presentation on Plate to Cell Theory based on Ganoderma spp. Herbal Mushroom by Jeetendra Banjara M.Sc. Microbiology and Bioinformatics



Lecture and Hands on- Processing and preservation of mushroom in laboratory and Industries by Er. Yashwant kumar , Dept of Food Processing and Technology, Bilaspur University, Bilaspur

Day 6 (24/02/17) Technical Session 8



Lecture and Case study exercise on Marketing strategy in Mushroom Industry by Dr. Pooja Pandey , Dept. of Commerce and Financial Studies, Bilaspur University, Bilaspur followed by lecture and hands on ICT Tools for Advertisement for Marketing of Mushrooms by Ms. Rashmi Srivastava, Dept. of Computer Science and Application, Bilaspur University, Bilaspur .

Technical Session 9



Lecture on Gastronomic Use of Mushrooms by Mr. Harry George, Dept. of Hotel Management and Hospitality, Bilaspur University, Bilaspur

Hands on - Mushroom Delicousies preparation by Mr. Harry George and Mr. Kumar Bhaskar Department Dept. of Hotel Management and Hospitality, Bilaspur University, Bilaspur



Menu containing Starter, Main Course and sweet dish with Mushrooms as core ingredient

Day 7 (25/02/17) Technical Session 10

Concluding Lecture on Entrepreneurship development in mushroom Technology by Shri Harish Kedia President Womens ITI, Koni Bilaspur



Valedictory Function- Valedictory was presided over by Dr. DSVGK Kaladhar, HOD Microbiology and Bioinformatics followed by Spawn distribution (Oyster and Button Mushroom Spawn) and Certificate Distribution to participants



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