

Dr. BIBWE BHUSHAN RATNAKAR

Designation: Scientist (AS&PE) **Qualification:** Ph.D
(Ag. Engg) **Contact No.:** 9555045744 **Email ID:**
bhushan.bibwe@gmail.com



Research Interests:

Machine design, microencapsulation of essential oil

Major Research Accomplishments:

R & D:

Awards:

Training:

102 FOCARS course, at ICAR- NAARM, Hyderabad
Professional Attachment Training (PAT) at ICAR-CIRCOT, Mumbai

Patents, Technology, Methodology, Genetic Stock, Variety, etc.:

Publications:



Pimpri Chinchwad Education Trust's (PCET's)
Nutan Maharashtra Vidya Prasarak Mandal's (NMVPM's)



Nutan Maharashtra Institute of Engineering & Technology (NMIET)
Department of Mechanical Engineering

Organizes *Session & Discussion* on

Mechanisation in Agriculture Processing

For
SE, TE & BE



Speaker

Dr. Bhushan Bibwe

Scientist, ICAR-CIPHET
Abohar, Punjab

Join
us on



Cisco
webex

25th July 2020

09:00 am Onwards

Meeting ID : 1664554716

Password: mechanical

Moderator

Dr. Pranav Charkha

Academic coordinator
NMIET, Pune

Coordinator

Prof. Rohit Jadhao

Assistant Professor, Mechanical Engg.
NMIET, Pune

www.nmiet.edu.in

NMIETTalegaon

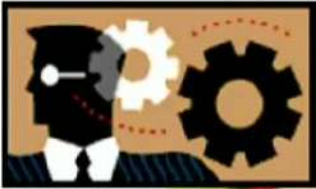
NMIETTalegaon

NMIETPune

PCET NMIET

Mechanization in Agricultural Processing

4



Dr. Bhushan Bibwe
Scientist (ASPE)
ICAR-CIPHET, Abohar (Punjab)
bhushan.bibwe@yahoo.com




Department of Mechanical Engineering
NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY, PUNE (NMIET)



Manoj Kate



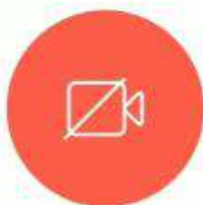
 Bhushan bi... (host)



Pranav Charkha



Aditya J Gangawane



Fruit and Vegetable Pilot plant facilities available at CIPHET and other institutes


Example:

Aonla processing

- | | |
|------------------------|---|
| Whole aonla & segments | : Preserve (Murabba),
: Aonla candy,
: Aonla pickle |
| Beverage | : Aonla juice, squash, Ready to Serve (RTS) |
| Shreads | : Dry shreds, powder, mouth freshner, churan, Laddu,, |
| Pulp | : Jam, sauce, chutney |





 Bhushan bi... (host)



Manoj Kate



Abhishek Jambhale



Abhishek Patil

Speaking: Bhushan bibiwe, Rohit Jad...

Attendance Guest Lecture-Dr. Bhushan Bibwe Session

Sr. No.	Name of Student	Select your division	Select your roll no.
1	SHIVAM NITIN BHOSALE	BE A	107
2	Akshay Vishnu Jadhav	BE A	146
3	Pratik Patil	BE A	166
4	PRITHVIRAJ AWATE	BE A	104
5	Vedant Kulkarni	BE A	160
6	Pratik Magar	BE A	164
7	Kranti Ramrao Jadhav	BE A	142
8	Omkar Khaire	BE A	157
9	Onkar Sudhakar Gosavi	BE A	135
10	Vaibhav Nilkanth Deokar	BE A	122
11	Mayur Chaudhari	BE A	112
12	Tejas Raut	BE A	165
13	Vishal Sadashiv Jadhav	BE A	143
14	Arnav Doke	BE A	127
15	Sanket Karkare	BE A	155
16	Pratik Gorde	BE A	134
17	Divya Kale	BE A	150
18	Rushikesh Bhaskar Chavan	BE A	117
19	Aniruddha Gaikwad	BE A	129
20	Anurag Borse	BE A	111
21	Saurabh Bhandari	BE A	107
22	Pratiksha Sharad Dhame	BE A	125
23	Akshay kadam	BE A	148
24	Kunal Rajendra Kumbhare	BE A	162
25	Ajay Dhondiba Dagade	BE A	120
26	Suryakant Dnyaneshwar Lad	BE A	163
27	Swapnil Sukhadev kadam	BE A	149
28	Aniket Nitin Deshpande	BE A	124
29	Chaitanya Sunil Pawar	BE B	131
30	Viresh Mangesh Naik	BE B	118
31	Akash Prasad	BE B	133
32	Anikesh Mane	BE B	112
33	Omkar Dnyaneshwar Mule	BE B	117
34	Harivansh Yadav	BE B	164
35	Irfan Maksud Sikilkar	BE B	147
36	Vaibhav Talele	BE B	156
37	Sanjay Babu Patil	BE B	126
38	Maheshwari Pardeshi	BE B	123
39	Amol shelar	BE B	143
40	More bhaskar ramesh	BE B	116
41	Prajwal Atul Narkhede	BE B	120
42	Ruturaj Sudhir Mahajan	BE B	106
43	Nupur Raut	BE B	134
44	Hrushikesh Sathe	BE B	138
45	Prabhjyot Singh Suri	BE B	153
46	Suyog Jadhav	BE B	104
47	Rohit tukaram zadke	SE A	119
48	Pradnesh laxman Sherkar	SE A	121
49	Suprap Paritkar	SE A	114
50	Yadnyik bonde	SE A	124
51	Tejas Sanjay Parbhane	SE A	113
52	Mahesh Rajesh Mahajan	SE A	107
53	Bhavesh Sheshmal Nikam	SE A	112
54	Vaishnavi laxman kalmase	SE A	122
55	Subodh Patil	SE A	150
56	Prathamesh Tilekar	SE A	118
57	Khandagale Sujit Laxman	SE A	104

Attendance Guest Lecture-Dr. Bhushan Bibwe Session

Sr. No.	Name of Student	Select your division	Select your roll no.
58	Amey Shendge	SE A	117
59	Shreeyash chandrakant pol	SE A	125
60	Shantanu Dipak Gaikwad	SE A	103
61	Snehal gore	TE A	173
62	Pratik Rangnath Hujare	TE A	122
63	Saiom Mahendra Bhosale	TE A	107
64	Siddesh Jadhav	TE A	124
65	Anant Bhoose	TE A	105
66	Sagar shinde	TE A	156
67	Bhavik Date	TE A	112
68	Bodake Suhas Uday	TE A	169
69	Aditya Sadanand jadhav	TE A	127
70	mahesh katke	TE A	134
71	Akash Ramesh Jagtap	TE A	128
72	Charudatta Chandrashekhar Patil	TE A	148
73	Aditya suse	TE A	159
74	Roshan Vijay Chahad	TE A	110
75	Aishwarya Aravindakshan Nair	TE A	143
76	Rohit Kakade	TE A	131
77	Pratik Palhade	TE A	147
78	Pratik Sharad Dhame	TE A	115
79	Ketan Patil	TE A	151
80	Abhishek Tatyaso Mhangore	TE A	140
81	Varad Biradar	TE A	108
82	VINIT DOKE	TE A	116
83	Nachiketa Tayade	TE A	161
84	Gaurang Wader	TE A	164
85	Aditya Shinde	TE A	157
86	Sandesh Sanjivkumar Donapurge	TE A	117
87	AMARNATH SAH	TE A	153
88	Sonali kala	TE A	132
89	Sushant Bhor	TE A	106
90	Sandesh Pol	TE A	152
91	RUSHIKESH YADAV	TE A	168
92	Hrushikesh arun kale	TE A	133
93	Jayesh Rajesh Lohar	TE A	138
94	Swapnil Sanjay Ingale	TE A	123
95	Vikas Darekar	TE A	111
96	Atul	TE A	126
97	Abhishek Jambhale	TE A	129
98	Rutvik Nivdunge	TE A	146
99	Akash Nimbalkar	TE A	145
100	Mule Ganesh vishwanath	TE A	141
101	Saurabh Khot	TE A	135
102	VIJAY MUNDE	TE A	142
103	Siddhey Auti	TE B	103
104	Nikhil Nitin Rane	TE B	162
105	Ruturaj Deshmukh	TE B	114
106	Ashwin Sanjayrao Ingole	TE B	125
107	SIDDHESH JAGDANKAR	TE B	127
108	Abhishek Patil	TE B	159
109	Sanket Jadhav	TE B	126
110	Gaurav inamdar	TE B	124
111	Kunal Ajay Patil	TE B	153
112	Ganesh digambar kadam	TE B	129
113	Sourav Jagdish Patil	TE B	156
114	Akshay Hari Chaudhari	TE B	111

Attendance Guest Lecture-Dr. Bhushan Bibwe Session

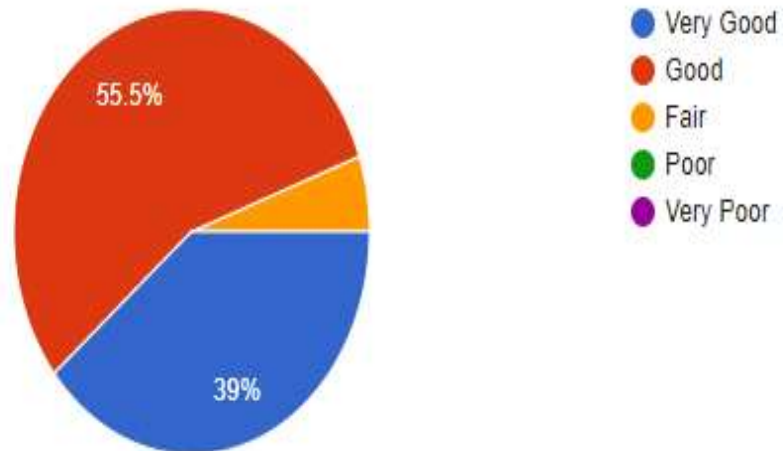
Sr. No.	Name of Student	Select your division	Select your roll no.
115	Vyankatesh Joshi	TE B	128
116	Nikhil Arun patil	TE B	154
117	Rushikesh Satish wani	TE B	172
118	Santosh Mohan gavali	TE B	121
119	Sourabh Bhadale	TE B	107
120	Kunal landge	TE B	139
121	Kunal Patil	TE B	158
122	Bhavesch Bachhav	TE B	104
123	Vaibhav bugad	TE B	109
124	Chinmay Chaudhari	TE B	110
125	Heemanshu Vijay Varpe	TE B	171
126	Kiran Tanaji Agiwale	TE B	101
127	Bhushan Hanuman Budhbaware	TE B	108
128	Aditya Sandesh Kotre	TE B	134
129	Rohit Patil	TE B	160
130	Akshay Balu Lokhande	TE B	140
131	Shubham Rakesh Nalla	TE B	146
132	Shubham Patil	TE B	157
133	Parth Gaikwad	TE B	119
134	Yashraj Vighnesh Sable	TE B	163
135	Rohit Dinkar Manjare	TE B	145
136	Bhangale Vishal Arun	TE B	106
137	kunal nandale	TE B	147
138	Shreedeeep Nikam	TE B	149
139	Ganesh mahadik	TE B	142
140	Akshay Kumbhar	TE B	136
141	Harshada Gade	TE B	115
142	Chandan Sanjay Desai	TE B	113
143	Sagar Sujitrao Kamble	TE B	131
144	Shankar B Gaikwad	TE B	118
145	GAHIWAL TEJAS NARENDRA	TE B	116
146	Rahul Ramesh Gaikwad	TE B	120

Guest Lecture- Dr. Bhushan Bibwe Session-Feedback

“Mechanization in Agriculture Processing by Dr. Bhushan Bibwe. Scientist, ICAR-CIPHET, Abohar, Punjab on 25TH July 2020”

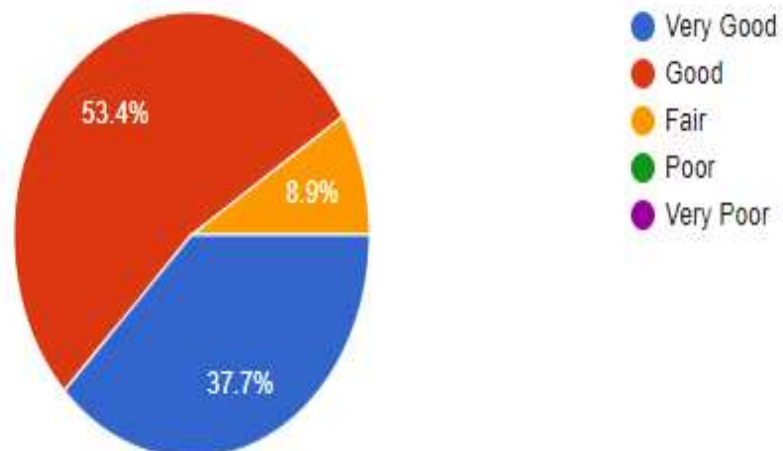
Technical Content of the Webinar

146 responses



Information Shared during the Webinar

146 responses

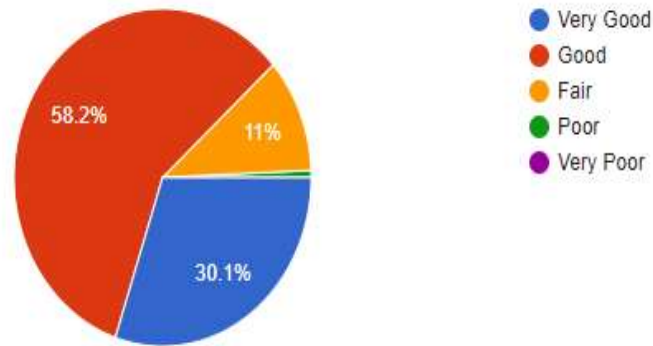


Guest Lecture- Dr. Bhushan Bibwe Session-Feedback

“Mechanization in Agriculture Processing by Dr. Bhushan Bibwe. Scientist, ICAR-CIPHET, Abohar, Punjab on 25TH July 2020”

Did session meet your expectations?

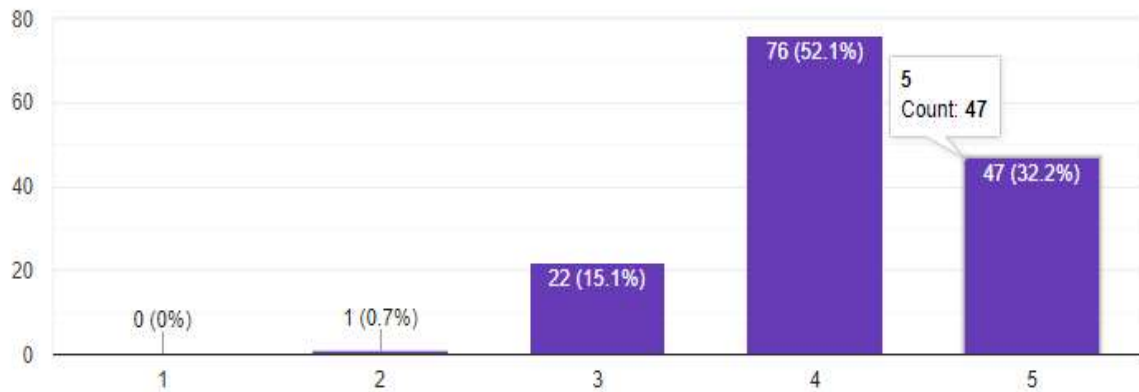
146 responses



How would you rate the applicability of the session? (With 5 being highly applicable)



146 responses





Nutan Maharashtra Vidya Prasarak Mandal's
**NUTAN MAHARASHTRA INSTITUTE OF
 ENGINEERING AND TECHNOLOGY**

Under Administrative Support - Pimpri Chinchwad Education Trust



ESTD : 1906

Approved by AICTE

Accredited by NAAC

Affiliated to SPPU

“Samarth Vidya Sankul”, Vishnupuri, Telegaon Dabhade, Taluka Maval, District Pune - 410507

Tel. No. 02114 – 231666,777,888

E-mail : nmiettalegaon@gmail.com

Web : www.nmiet.edu.in

AICTE ID - 1-8618657

AISHE ID - C-41640

DTE ID – 6310

UNIVERSITY ID - CEGP013890

Department of Mechanical Engineering

One Page Activity Report

Name of Activity: Expert Session on Mechanization in Agriculture Processing by Dr. Bhushan Bibwe. Scientist, ICAR-CIPHET, Abohar, Punjab on 25th July 2020.

Beneficiary Students: SE/ TE/ BE Students.

Rationale behind conducting activity: Expert-Guest Speaker Session.

Faculty Coordinator: Prof. Rohit R. Jadhao

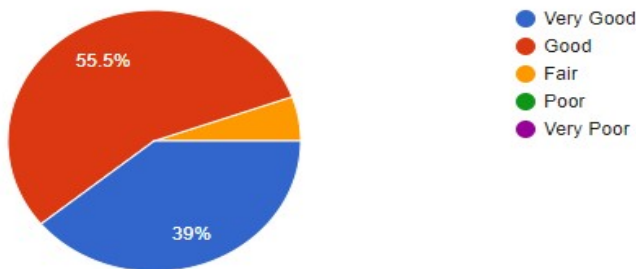
Brief Description of Activity:- The main objective of the Session is to Enhanced Knowledge of farm machinery. In modern times, Mechanical Engineers have widely scope in Agricultural Processing like increasing farm worker productivity & also to exposure opportunity in agricultural sector for students during their academics projects.

Identify the problems faced by agricultural sector –working on solution and by providing solution within stipulated period of time. By Expert they also explaining the scheme run by government to increase Mechanization in agricultural sector.

Summary of Students Feedback (Qualitative & Quantitative):-

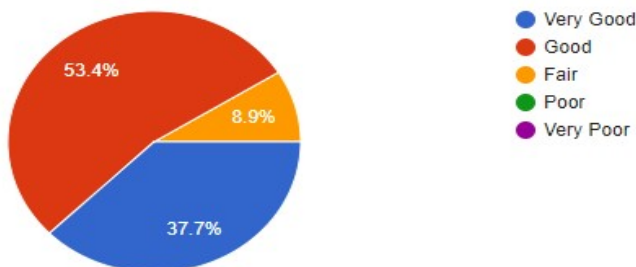
Technical Content of the Webinar

146 responses



Information Shared during the Webinar

146 responses





Nutan Maharashtra Vidya Prasarak Mandal's
**NUTAN MAHARASHTRA INSTITUTE OF
 ENGINEERING AND TECHNOLOGY**

Under Administrative Support - Pimpri Chinchwad Education Trust



ESTD : 1906

Approved by AICTE

Accredited by NAAC

Affiliated to SPPU

“Samarth Vidya Sankul”, Vishnupuri, Telegaon Dabhade, Taluka Maval, District Pune - 410507

Tel. No. 02114 – 231666,777,888

E-mail : nmiettalegaon@gmail.com

Web : www.nmiet.edu.in

AICTE ID - 1-8618657

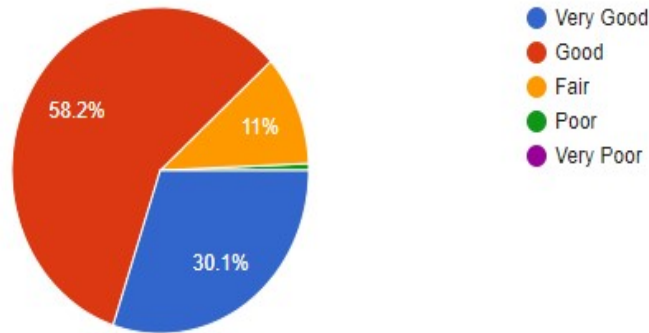
AISHE ID - C-41640

DTE ID – 6310

UNIVERSITY ID - CEGP013890

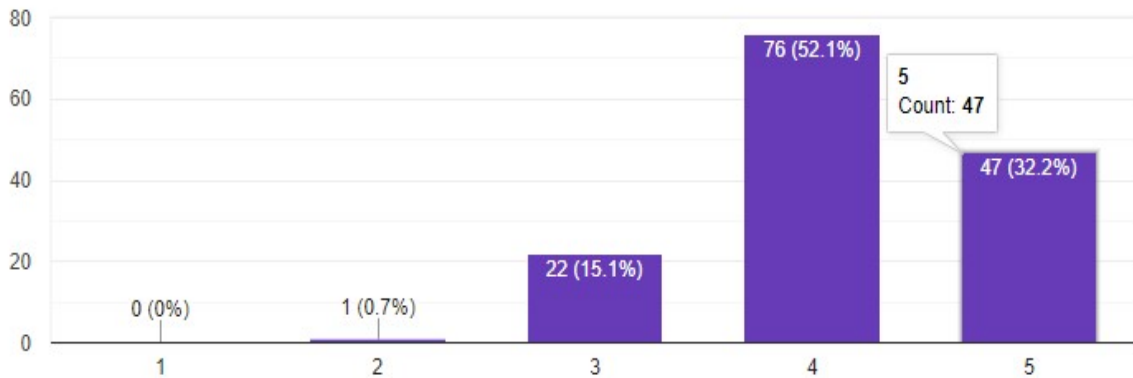
Did session meet your expectations?

146 responses



How would you rate the applicability of the session? (With 5 being highly applicable)

146 responses



Learning Outcomes Achieved (subjective)

Student should be familiar with issues related to the agricultural sector, Government policies, and Scope of development in Agricultural Sector.

Course Outcome(s) Mapped & Attainment (Post Assessment): CO number & statement. Level of Attainment: - NA



Nutan Maharashtra Vidya Prasarak Mandal's
**NUTAN MAHARASHTRA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

Under Administrative Support - Pimpri Chinchwad Education Trust



ESTD : 1906

Approved by AICTE

Accredited by NAAC

Affiliated to SPPU

“Samarth Vidya Sankul”, Vishnupuri, Telegaon Dabhade, Taluka Maval, District Pune - 410507

Tel. No. 02114 – 231666,777,888

E-mail : nmietalegaon@gmail.com

Web : www.nmiet.edu.in

AICTE ID - 1-8618657

AISHE ID - C-41640

DTE ID – 6310

UNIVERSITY ID - CEGP013890

Program Outcome(s) Mapped & Attainment (Post Assessment): CO number & statement. Level of Attainment –

Program Outcome			Attainment Level
PO1	Engineering knowledge	An ability to apply knowledge of mathematics(including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and modeling	3
PO2	Problem analysis	An ability to design, simulate and conduct experiments, as well as to analyze and interpret data including hardware and software components	2
PO4	Conduct investigations of complex problems	An ability to identify, formulates, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.	1
PO5	Modern tool usage	An ability to use the techniques, skills and modern engineering tools necessary for engineering practice	3
PO8	Ethics	Apply ethical principles, responsibility and norms of the engineering practice	2
PO11	Project management and finance	An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multi-disciplinary environments	2
PO12	Life-long learning	A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong	3

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Certificate of Appreciation

25th July 2020

This certificate is presented to

Dr. Bhushan Bibwe

Guest Speaker



Thank you for being our guest speaker. We are truly grateful to you for sharing your valuable thoughts in the live virtual session & discussion on

“Mechanisation in Agriculture Processing”

Dr. Pranav Charkha
Academic Coordinator
NMIET, Pune

Prof. Shridhar Limaye
HOD, Mechanical Engg.
NMIET, Pune

Organised by

Department of Mechanical Engineering

PCET'S & NMVPM'S

Nutan Maharashtra Institute of Engineering & Technology (NMIET)

“Samarth Vidya Sankul”, Vishnupuri, Talegaon Dabhade, Pune – 410507