

Dr. Erande M. R.
Dept. of Geography,
Shri Mulikadevi Mahavidyalaya,
Nighoj, Tal. Parner,
Dist. Ahmednagar.
Date: 21/05/2021.

To,
The Principal,
Shri Mulikadevi Mahavidyalaya, Nighoj,
Tal. Parner, Dist. Ahmednagar.

**Subject: Permission to organised one day Workshop
on Organic Farming.**

Respected Sir,

With reference to above subject the Departments of Geography wants to organise one day workshop on Organic Farming' for FYBA, SYBA and TYBA students who are interesting in the subject of Geography.

You are requested to sanctioned permission to organise this course.

Thanking you,

A. Parner
E. M. R.
PRINCIPAL

Shri. Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar-414306

Yours Sincerely,

E. M. R.
(Dr. Erande M.R.)
HEAD
Dept. of Geography
Shri. Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar-414306



Ahmednagar Jilha Maratha Vidya Prasark Samaj's

Shri Mulikadevi Mahavidyalaya, Nighoj

Tal. Parner, Dist. Ahmednagar.
One Day State Level Conference
Organic Farming



Shri Mulikadevi Mahavidyalaya, Nighoj department of Geography organized one day state level conference on Organic Farming dated 29th May 2021 on online Zoom Platform. The conference inauguration function as the espouse hand of chief guest Scientist Honorable Dr. Santosh Chavan graced the conference, Principal Dr. Manohar Erande presided over the conference. In this conference attended 75 farmers, staff and students present the conference.

Welcoming the chief guest Dr. Manohar Erande has presented the welcome address and also introduced resource person of the workshop. The first resource person of the workshop is Dr. Sahadev Aher explain the various opportunities and scope in farming sector. He also explains the importance of higher education in competitive world. The second resource person Dr. Santosh Chavan talks on "microbes and metabolite development in farmers field for sustainable agriculture" with soil and water management.

Finally coordinator Prof. Popat Sumbare extended the vote of thanks and compares the conference.

The screenshots show:

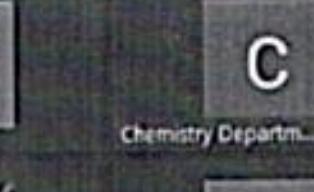
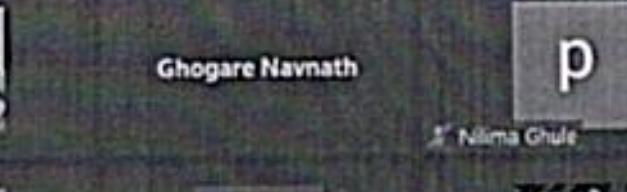
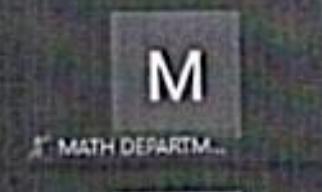
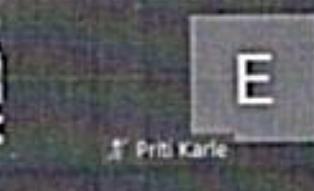
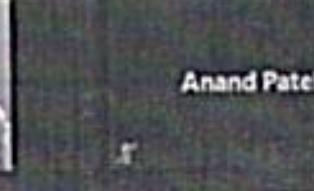
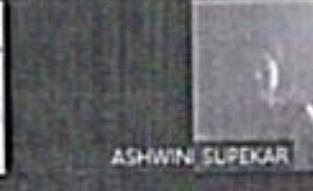
- Geography Skills and Learning Process Curriculum:** A table showing the curriculum for Geography skills and learning processes across different levels (Primary, Secondary, Higher Secondary).
- Speaker Profile:** A slide featuring a portrait of Dr. Santosh Chavan and text in Marathi about his role as a scientist and his speech at the conference.
- Participant Grid:** A grid of 25 small video feeds showing the faces of participants.
- Document Preview:** A slide titled "Organic Agriculture" with a preview of the document content.

On this workshop participated Farmers and students.

HEAD
Dept. of Geography
Shri Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar - 414306



PRINCIPAL
Shri. Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar - 414306



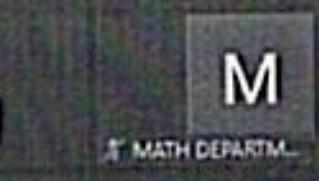
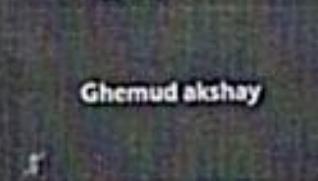
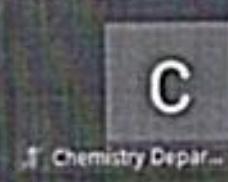
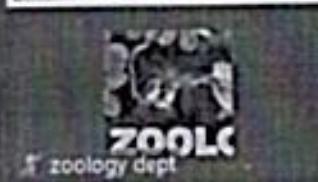
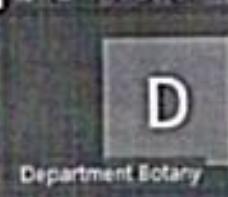
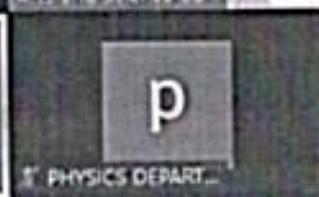
Zoom Meeting 40-Minutes

Recording...

View



Kishor Babar



Mute

Stop Video

Security

Participants
23

Chat

Share Screen

Pause/Stop Recording

Reactions

End

13:16 ENG 27-05-2021



Search for anything



Zoom Meeting

You are viewing Santosh B Chavan's screen

View Options

IQAC New Arts

Santosh B Chavan

Dr. S.K. Aher

sejal gandhi

Sachin

Recording

Participants (71)

Find a participant

IQAC New Arts, ... (Host, me)

Santosh B Chavan

Akshay Sathe

Archana Potghan

Ashish bhogam kolhapur

Ashpakahamad English

Ashwini Dhawale

Ashwini Vavhal

Asmita raut

Deepak Shete

Deepali Jagadale

Dr. S.K. Aher

Dr.Ved Prakash2

Gadekar Prajakta Ravindra

ट्रायकोडर्मा वापरून सूत्रकृमी (निम्टोड) नियोजन

New Phytologist Research

Shifting from priming of salicylic acid- to jasmonic acid-regulated defences by *Trichoderma* protects tomato against the root knot nematode *Meloidogyne incognita*

Ainhoa Martinez-Medina^{1,3}, Ivan Fernandez¹, Gerrit B. Lok¹, Maria J. Pozo², Corné M. J. Pieterse¹ and Saskia C. M. Van Wees¹

¹Plant-Microbe Interactions, Department of Biology, Utrecht University, Padualaan 8, Utrecht 3584 CH, the Netherlands; ²Department of Soil Microbiology and Symbiotic Systems, Estación Experimental del Zaidín, CSIC, Profesor Albareda 1, Granada 18008, Spain; ³Present address: Molecular Interaction Ecology, German Centre for Integrative Biodiversity Research (Dein), Institute of Ecology, Friedrich Schiller University, Deutscher Pl. 5E, Leipzig 04105, Germany

New Phytologist (2017) 213: 1363–1377

Unmute Stop Video Security Participants Polls Chat Share Screen Reactions More End Invite Mute All

Type here to search

10:58 ENG 29-05-2021

Q. Find a participant

GP	Gadekar Prajakta Ravindra	<input type="checkbox"/>	24
GA	Galaxy A70	<input type="checkbox"/>	24
GK	Gayatri Krishna khose	<input type="checkbox"/>	24
GN	Ghogare Navnath	<input type="checkbox"/>	24
GD	Govind Deshmukh	<input type="checkbox"/>	24
IP	iPhone	<input type="checkbox"/>	24
JG	jana ghemud	<input type="checkbox"/>	24
LK	Lokhande Kajal Rohidas	<input type="checkbox"/>	24
SP	Marath...	Ask to Unmute	More >
M	Mayur	<input type="checkbox"/>	24
NG	Nagare Ganesh	<input type="checkbox"/>	24
NW	Namdev Walave	<input type="checkbox"/>	24
NR	Neel Rasal	<input type="checkbox"/>	24
SU	Nikita Dinkar Mitali	<input type="checkbox"/>	24

ट्रायकार्डर्मा अर्क वापरून घाटे अळीचे नियोजन

ORIGINAL ARTICLE

Evaluation of fungal culture filtrate containing chitinase as a biocontrol agent against *Helicoverpa armigera*

P. Binod¹, R.K. Sukumaran¹, S.V. Shirke², J.C. Rajput² and A. Pandey¹¹ Biotechnology Division, National Institute for Interdisciplinary Science and Technology (formerly Regional Research Laboratory), CSIR, Trivandrum, India² Normal Seeds Pvt. Ltd., Pachora, Jalgaon, India

Keywords

biological control, biopesticide, chitinase, *Helicoverpa armigera*, *Heliothis*, submerged fermentation, *Trichoderma harzianum*.

Correspondence

Alok Pandey, Biotechnology Division, National Institute for Interdisciplinary Science and Technology (formerly Regional Research Laboratory), Trivandrum - 695 019, India. E-mail: pandey@ictrid.nic.in

2007/03/00; received 26 February 2007, revised 19 March 2007 and accepted 22

Abstract

Aims: To evaluate the biocontrol efficacy of culture filtrate containing chitinase from *Trichoderma harzianum* against *Heliothis*.**Methods and Results:** *T. harzianum* was cultured by submerged fermentation using colloidal chitin as sole carbon source. The ability of the culture filtrate to hydrolyse colloidal chitin indicated the presence of chitinase as one of its components. Biocontrol assay on *Heliothis* showed that the culture filtrate is a potent antifeedant as it reduced the feeding rate and body weight of the larvae. It reduced the successful pupation and increased larval and pupal mortality in a dosage-dependent manner when applied topically. The highest mortalities (70%) were recorded for groups treated with 2000 U ml⁻¹ chitinase activity. The percentage of adult emergence was zero for the highest chitinase concen-

Journal of Applied Microbiology 103 (2007) 1845–1852





sejal gandhi

Sachin

View

Participants (71)

Q. Find a participant

NW	Namdev Walave		06
NR	Neel Rasal		06
NK	Nikita Rohidas Mali		06
P	Nilima Ghule		06
OA	OPPO A5s		06
O	Oppo		06
PD	Pandurang dhavale		06
PV	Pathare vrushabh		06
PS	Popat Sumbare		06
PB	Prabhakar Bandekar		06
PS	Pratiks... Ask to Unmute		More >
PS	Pravin Bhakare		06
PK	Priti karle		06
PA	Prof. Manisha Gadilkar Rasal		06

ट्रायकोडर्मा अर्क वापरून घाटे अळीचे नियोजन

ORIGINAL ARTICLE

Evaluation of fungal culture filtrate containing chitinase as a biocontrol agent against *Helicoverpa armigera*

P. Binod¹, R.K. Sukumaran¹, S.V. Shirke², J.C. Rajput² and A. Pandey¹¹ Biotechnology Division, National Institute for Interdisciplinary Science and Technology (formerly Regional Research Laboratory), CSIR, Trivandrum, India² Nirmal Seeds Pvt. Ltd., Pachora, Satara, India

Keywords

Biological control, biopesticide, chitinase, *Helicoverpa armigera*, Heliothis, submerged fermentation, *Trichoderma harzianum*.

Correspondence

Ashok Pandey, Biotechnology Division, National Institute for Interdisciplinary Science and Technology (formerly Regional Research Laboratory), Trivandrum - 695 019, India.
E-mail: pandey@cirtrd.nic.in

2007/0300 received 26 February 2007,
revised 19 March 2007 and accepted 22

Abstract

Aims: To evaluate the biocontrol efficacy of culture filtrate containing chitinase from *Trichoderma harzianum* against Heliothis.

Methods and Results: *T. harzianum* was cultured by submerged fermentation using colloidal chitin as sole carbon source. The ability of the culture filtrate to hydrolyse colloidal chitin indicated the presence of chitinase as one of its components. Biocontrol assay on Heliothis showed that the culture filtrate is a potent anti-feedant as it reduced the feeding rate and body weight of the larvae. It reduced the successful pupation and increased larval and pupal mortality in a dosage-dependent manner when applied topically. The highest mortalities (70%) were recorded for groups treated with 2000 U ml⁻¹ chitinase activity. The percentage of adult emergence was zero for the highest chitinase concen-

Journal of Applied Microbiology 103 (2007) 1845–1852



Type here to search

10:58

ENG 29-05-2021

Participants (71)

Q, Find a participant

S	Sachin	A
S	Sachin Tuwar	A
SL	Sagar Lanke	A
SG	Sandesh gawade	A
SL	Sandhya Lanke	A
SG	Satish Gawade	A
SM	Satish Mavale	A
SN	Savita Nikalje, DSTA	A
S	Sejal	A
SG	sejal gandhi	A
SP	Sharad pathare	A
SD	Shivani ... Ask to Unmute	More >
SR	Sunil Rasal	A

ट्रायकोडर्मा अर्क वापरून मच्छरांचे नियोजन

SCIENTIFIC REPORTS

OPEN

A new application of *Trichoderma asperellum* as an anopheline larvicide for eco friendly management in medical science

Received: 21 May 2018
 Accepted: 30 November 2018
 Published online: 01 February 2019

Dipanjan Podder & Swapan Kr. Ghosh

Microfungal applications are increasing daily in the medical science. Several species of Trichoderma are widely used in agricultural fields as biological control and plant growth promoting agents. The application of Trichoderma asperellum as an entomopathogenic fungus against the Anopheles

Scientific Reports | (2019) 9:1108 | <https://doi.org/10.1038/s41598-018-37108-2>

Type here to search

Zoom Meeting

You are viewing Santosh B Chavan's screen

View Options

Recording

Dr. S.K. Apte

sejal gandhi

Sachin

View

Participants (71)

Q. Find a participant

Santosh B Chavan

SR Sunil Rasal

SM swati More

TU The Ugar Sugar Works Ltd, Jew...

V Vin

VB Vishal Borhude Ahmednagar

GD डॉ. दोषे कुमार शास्त्री

MT मत्ती

TR रवि शिंग

Sb637007

LP Lamkhade pooja Gotiram

LP Lamkhade pradip

ME moto e4 plus

SL sandip lanke

ट्रायकोडर्मा अर्क वापरून मच्छरांचे नियोजन

SCIENTIFIC REPORTS

OPEN

A new application of *Trichoderma asperellum* as an anopheline larvicide for eco friendly management in medical science

Dipanjan Podder & Swapan Kr. Ghosh

Received: 21 May 2018
Accepted: 20 November 2018
Published online: 01 February 2019

Microfungal applications are increasing daily in the medical science. Several species of *Trichoderma* are widely used in agricultural fields as biological control and plant growth promoting agents. The application of *Trichoderma asperellum* as an entomopathogenic fungus against the Anopheles

Scientific Reports | (2019) 9:1108 | <https://doi.org/10.1038/s41598-018-37108-2>

Unmute Stop Video Security Participants Polls Chat Share Screen Reactions More End

Type here to search



Ahmednagar Jilha Maratha Vidya Prasark Samaj's
Shri Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar 414 306
IQAC & Department of Geography
Jointly Organized

WORKSHOP ON ORGANIC FARMING

Day : Saturday, Date : 29/05/2021 at : 10.30 am On Zoom Platform

Speaker



Dr. Santosh B. Chavan

Prof. P.B. Sumbare
Co ordinator

Prof. M.R. Gadilkar
IQAC

Dr. M.R. Erande
Vice Principal

Dr. S.K. Aher
Principal

Topic:

**MICROBES AND METABOLITE
DEVELOPMENT IN FARMER'S FIELD
FOR SUSTAINABLE AGRICULTURE**



Ahmednagar Jilha Maratha Vidya Prasark Samaj's
Shri Mulikadevi Mahavidyalay, Nighoj,
Tal. Parner, Dist. Ahmednagar.
One Day Workshop on
Organic Farming
Programme 29th May 2021



Time	Function / Speaker	Chairperson
10.00 to 10.30am	INAUGURAL FUNCTION Chief Guest Hon. Dr. Santosh Chavan Scientist, Farm Lab, Haveli, Pune	Hon. Dr. S. K. Aher Associate Professor, Dept. of Botany, New Arts, Commerce and Science College, Parner.
Session I		
10.30 to 11.30 am	Hon. Dr. Santosh Chavan Scientist, Farm Lab, Haveli, Pune	Hon. Dr. S. K. Aher Associate Professor, Dept. of Botany, New Arts, Commerce and Science College, Parner.
Session II		
11.30 to 12.30 pm.	Hon. Dr. S. K. Aher Associate Professor, Dept. of Botany, New Arts, Commerce and Science College, Parner.	Dr. M. R. Erande HOD, Dept. of Geography, Shri Mulikadevi Mahavidyalaya, Nighoj, Parner.
12.30 to 1.00 pm.	VALIDTRY FUNCTION	

अहमदनगर जिल्हा मराठा विद्या प्रसारक समाजाचे,

श्री मुलिकादेवी महाविद्यालय, निघोज

ता. पासनेर, जि. अहमदनगर -४१४३०६

आय. फी. नं. पीयु/एन/एस/१२२/२०१२
फोन/फैक्स नं. (०२८८८) २३०४३८
कॉलेज कोड - १८८८
E-Mail:ascnighoj@gmail.com
www.shrimulikadecvicollege.com

जावक नं. १०३८१०२१-२२

डॉ. मनोहर एरंडे

(ए. ए. (भूतोत) नेट, पौष्टि.)
(ए. ए. (पराणी) ए. ए. नेट, डी.ए.ए.)
प्र. प्राचार्य
मो. ९८४०२९६७५०

दिनांक २८/०३/२०२१

प्रति,
मा. डॉ. सहदेव आहेर,
सहयोगी प्राच्यापक,
वनस्पतीशास्त्र विभाग,
न्यू आर्ट्स, कॉमर्स अॅण्ड सायन्स कॉलेज,
पासनेर - ४१४३०२.

विषय : राज्य स्तरीय चर्चासंज्ञासाठी उद्घाटक म्हणून उपस्थित राहणेवाचत...

महोदय,

आमच्या महाविद्यालयामध्ये दि. २९ मे २०२१ रोजी श्री मुलिकादेवी महाविद्यालय, निघोज यांच्या
मंयुक्त विद्यार्थीने एक दिवसीय राज्यस्तरीय चर्चासंज्ञाचे 'सेंद्रीय शेती' या विषयावर आयोजन केले आहे. आपले
पर्यावरण क्षेत्रातील कार्य आणि अनुभव अतुलनिय आहे. हा वसा विद्यार्थ्यांनी पुढे चालवाचा यासाठी आपण
दि. २९ मे २०२१ रोजी सकाळी १०.३० वा. या कार्यशाळेचे उद्घाटक म्हणून आपण उपस्थित राहावे आणि
उपस्थितांना मार्गदर्शन करावे, ही नमू विनंती.

कलावे,

आपला विश्वासू,

प्राचार्य
श्री. मुलिकादेवी महाविद्यालय, निघोज
ता. पासनेर, जि. अहमदनगर - ४१४३०६





अहमदनगर जिल्हा मराठा विद्या प्रसारक समाजाचे,

श्री मुलिकादेवी महाविद्यालय, निघोज

ता. पारनेर, जि. अहमदनगर -४१४३०६

आय. दी. नं. पीयु/एन/एए/१२२/२०१२
फोन/फैक्स. नं. (०२४८)२३०४३८
फॉक्स कोड - १५८८
E-Mail: ascnighoj@gmail.com
www.shrimulikadevicollege.com

जातक नं. १०९/२०२१-२२

डॉ. मनोहर एरंडे

(ए. ए. (भूतोल) नेट, पीए.डी.)
(ए. ए. (प्रशासी)प. एड. नेट, डी.एस.ए.)
प्र. प्राधार्य
मो. ९८५०२९६७५०

दिनांक २०/०४/२०२१

प्रति,
मा. डॉ. संतोष चक्राण,
वैज्ञानिक,
फार्म लैब,
पुणे - ४१४३०२.

विषय : राज्य स्तरीय चर्चासामान्यातील उद्घाटक महणून उपस्थित राहणेवावत...

महोदय,

आमच्या महाविद्यालयामध्ये दि. २९ मे २०२१ रोजी श्री मुलिकादेवी महाविद्यालय, निघोज यांच्या
मंयुक्त विद्यामाने एक दिवसीय राज्यस्तरीय चर्चासामान्य 'सेंट्रीय शेती' या विषयावर आयोजन केले आहे. आपले
पर्यावरण क्षेत्रातील कार्य आणि अनुभव अनुलिंग आहे. हा वसा विद्यार्थ्यांनी पुढे चालवावा यासाठी आपण
दि. २९ मे २०२१ रोजी सकाळी १०.३० वा. या कार्यशाळेचे उद्घाटक महणून आपण उपस्थित राहावे आणि
उपस्थितांना मार्गदर्शन करावे, ही नम विनंती.

कळावे,

आपला विश्वासू,

प्राधार्य

श्री. मुलिकादेवी महाविद्यालय, निघोज
ता. पारनेर, जि. अहमदनगर - ४१४३०६





अहमदनगर जिल्हा मराठा विद्या प्रसारक समाजापे,

श्री मुलिकादेवी महाविद्यालय, निघोज

ता. पारनेर, जि. अहमदनगर -४१४३०६

आय. डी. नं. पीयु/एन/एन/११२/२०१२
फोन/फैक्स नं. (०२४८८)२३०८३८
कॉर्टिज कोड - १४८८
E-Mail:ascnighoj@gmail.com
www.shrimulikadevicollege.com

जारीक नं. ११०-ए/ २०२१-२२

डॉ. मनोहर एरंडे
(ए. ए. (भूतोल) नेट, पीएच.डी.)
(ए. ए. (मराठी)एन. ए. डॉ. नेट, डी.एस.एच.)
प्र. प्राचार्य
मो. ९८५०२९६७५०

दिनांक २९/०५/२०२१

प्रति,
मा. डॉ. संतोष चव्हाण,
वैज्ञानिक,
फार्म लैंब,
पुणे - ४१४३०२.

विषय:- आमार...

महोदय,

आमच्या महाविद्यालयामध्ये दिनांक २९ ने २०२१ रोजी एक दिवसीय राज्य स्तरीय 'सेंट्रीय शेती' या विषयावर कार्यशाळेचे आयोजन केले होते. या कार्यक्रमाला आपण उद्घाटक म्हणून उपस्थित गाहिलात. आपल्या समृद्ध ज्ञानाने व अनुभवाने उपस्थितांना मौलिक मार्गदरशन करून उज्ज्वल भविष्यासाठी प्रेरणा दिली, यावृत्त महाविद्यालयाच्या वर्तीने आपले शतशः आभार!

भविष्यातही अशाच सहकार्याची अपेक्षा याळगती...

कलावे,

आपला विश्वास,

प्राचार्य
श्री. मुलिकादेवी महाविद्यालय, निघोज
ता. पारनेर, जि. अहमदनगर - ४१४३०६





अहमदनगर जिल्हा मराठा विद्या प्रसारक समाजाचे,

श्री मुलिकादेवी महाविद्यालय, निघोज

ता. पारनेर, जि. अहमदनगर -४१४३०६

आय. टी. नं. पीयु/एल/एल/५३२/२०१३
फोन/फैक्स नं. (०२४८८)२३०४३८
कॉलेज कोड - ५४४८
E-Mail:ascnighoj@gmail.com
www.shrimulinikadevicollege.com

जावक नं. ११०-५१२०२१-२२

डॉ. मनोहर एरंडे
(ए. ए. (भूतेल) नेट, पीएच.डी.)
(ए. ए. (वराडी)एल. ए. नेट, डी.एस.एस.)
प्र. प्राधार्य
मो. ९८५०२९६७५०

दिनांक २६/०५/२०२१

प्रति,
मा. डॉ. सहदेव आहेर,
सहयोगी प्राध्यापक,
बनस्पतीशास्त्र विभाग,
न्यू आर्ट्स, कॉमर्स अण्ड सायन्स कॉलेज,
पारनेर - ४१४३०२.

विषय:- आभार...

महोदय,

आमच्या महाविद्यालयामध्ये दिनांक २९ मे २०२१ रोजी एक दिवसीय राज्य स्तरीय 'सेंट्रीय शेती' या विषयावर कार्यशाळेचे आयोजन केले होते. या कार्यक्रमाला आपण उद्घाटक म्हणून उपस्थित राहिलात. आपल्या समृद्ध ज्ञानाने व अनुभवाने उपस्थितांना मौलिक मार्गदर्शन करून उज्ज्वल भविष्यासाठी पेरणा दिली, यावळू महाविद्यालयाच्या वर्तीने आपले शतशः आभार!

भविष्यातही अशाच सहकार्याची अपेक्षा याळगतो...

कळावे,

आपला विश्वास,

प्राधार्य

श्री. मुलिकादेवी महाविद्यालय, निघोज
ता. पारनेर, जि. अहमदनगर - ४१४३०६

