



भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
(पृथ्वी विज्ञान मंत्रालय का एक स्वायत्त संस्थान, भारत सरकार के अधीन)
डॉ. होमी भाभा मार्ग, पाषाण पुणे - ४११००८

INDIAN INSTITUTE OF TROPICAL METEOROLOGY
(Atn under Ministry of Earth Sciences, Government of India)
Dr. Homi Bhabha Road, Pashan, Pune 411 008, India

Phone: +91-20-2590-4261 • Fax: +91-20-25865142 • <http://envis.tropmet.res.in/beig> • E-mail: beig@tropmet.res.in

Dr. Gufran Beig
Scientist-G and
Project Director, SAFAR

Ref. No. : PM075/6-2019

Date: 23rd September 2019

To,
Principal,
Shri Shahu Mandir Mahavidyalaya,
Parvat Ramana, Laxmi Nagar, Parvati Paytha,
Pune- 411009

Subject: Invitation for inaugural function of "Development of High Resolution emission inventory for Pune Metropolitan Region 2019".

Dear Dr. (Mrs) Khan

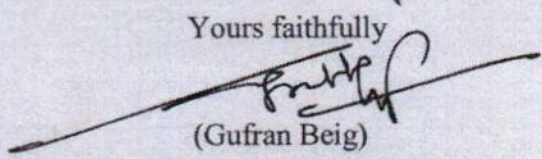
Indian Institute of Tropical Meteorology (IITM), Pune is a constituent of the Ministry of Earth Sciences (Govt. Of India) has indigenously developed country's first ever Air Quality Forecasting System (SAFAR) for Delhi Pune, Ahmadabad and Mumbai (during 2010-2018). A practical application of SAFAR has direct relevance to Human Health which has both societal and economical implications.

IITM wish to develop the emission inventory which is to account the sources of pollutants from Pune metropolitan region. It will be very useful to plan mitigation strategy to control the air pollution and lead towards smart city. In view of this IITM would like to invite you for the inaugural function. We are planning to hold this function on 24th Sept 2019 at 1:30 pm in IITM premises at Pashan.

Your presence is highly desirable for this launching function being one of the collaborators, Kindly get your consent for the same.

Thanking you

Yours faithfully


(Gufran Beig)

Prof. (Dr.) Gufran Beig
Scientist - G
Project Director, SAFAR
Indian Institute of Tropical Meteorology., Pune-8
MoES (Govt. of India)

INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE

Venue: Varahmihir Hall

Date: Tuesday 24th September 2019 at 1330hrs

**PRIZE DISTRIBUTION (OZONE DAY 2019)
AND
INAUGURATION AND ORIENTATION WORKSHOP FOR "EMISSION INVENTORY CAMPAIGN
FOR SAFAR - PUNE 2019"**

Agenda

Event	Schedule
Registration	13:30 - 14:30
Welcome by Project Director (Dr. G. Beig)	14:30 - 14:45
Announcing of winner and Prize Distribution (Ozone Day Drawing Completion-2019)	14:45 - 15:15
Welcome by Prof. Gosavi, Head, DOE, SPPU	15:15 - 15:30
What is Emission Inventory Campaign? By Dr. S K Sahu	15:30 - 16:00
Methodology and Implementation	16:00 - 16:10
Do and Don't rules of Campaign	16:10 - 16:20
Data Management	16:20 - 16:30
Group Formation and Break Away Groups Briefing	16:30 - 17:00
Kit Distribution (ID cards, Letter Authority Letter, Cap)	17:00 - 17:15
High Tea	17:15 - 17:30



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that NARAYAN SUBHASHRAO DALVI

had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof. (Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof. (Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that VAIBHAV DIGAMBAR MANE
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that PRIYANKA SURESH BARGE
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that SADHU GANESH SAGLE
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof. (Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof. (Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that MANAVI RAGHUNATH SAGAR
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof. (Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof. (Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that NAGESH ABA JADHAV
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that KHUSHBU JAISWAL
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that PRIYANKA DALIT DUMANE
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that AVANTIKA RAVINDRA RATHOD
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof. (Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof. (Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that ASHWINI RAMCHANDRA BARGE
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that MADHU BABU KAMATHI
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that SHIVKUMAR GANGADHAR WANTEKAR
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



INDIAN
INSTITUTE OF
TROPICAL
METEOROLOGY
PUNE



SYSTEM OF AIR QUALITY & WEATHER FORECASTING AND RESEARCH

SAFAR-Pune

(Ministry of Earth Sciences, Govt. of India)

EMISSIONS INVENTORY CAMPAIGN (PMR) - 2019

CERTIFICATE OF PARTICIPATION

This is to certify that Amol Shivaji Bhoze
had actively participated in the Emissions Inventory Campaign for Pune Metropolitan Region organized as part of "System of Air Quality & Weather Forecasting And Research (SAFAR-Pune)" project of IITM (MoES), Pune in collaboration with Savitribai Phule Pune University (SPPU).

Prof.(Dr.) Gufran Beig

Scientist-G & Project Director, SAFAR
Indian Institute of Tropical Meteorology
Pune, India

Prof.(Dr.) Suresh Gosavi

Head of Department,
Department of Environmental Science,
SPPU Pune, India



अखिल भारतीय मराठा शिक्षण परिषदेचे,
श्री शाहू मंदिर महाविद्यालय, पर्वती, पुणे



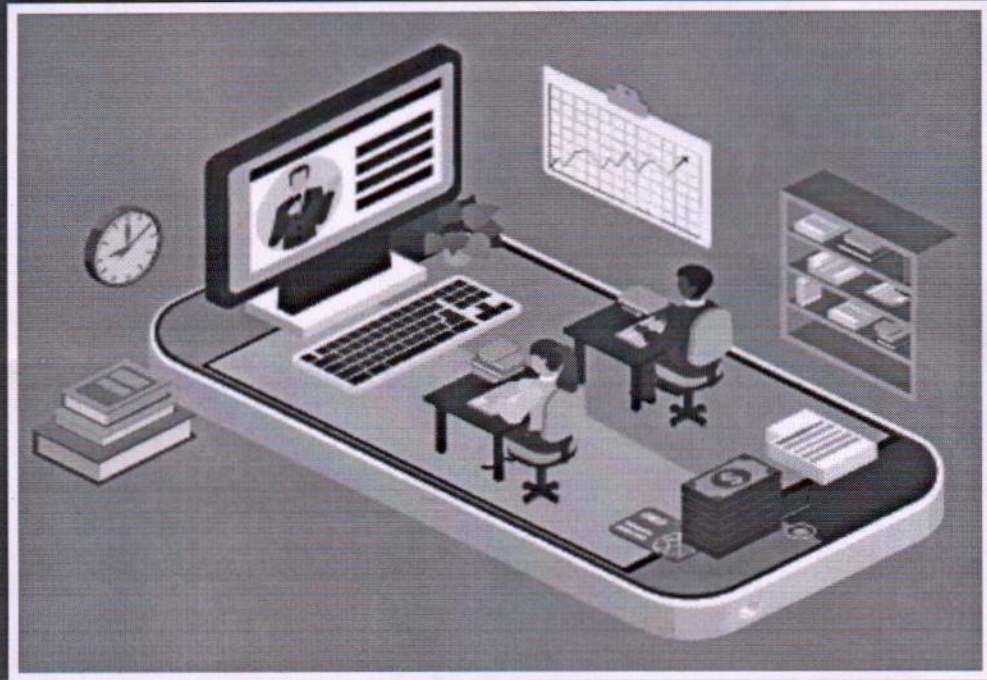
व
स्वतंत्र शिक्षण संस्थेचे
छत्रपती शिवाजी कॉलेज, सातारा
(स्वायत्त)



भूगोल विभाग यांच्या संयुक्त विद्यमाने आयोजित

राज्यस्तरीय

शैक्षणिक ई-साहित्य निर्मिती फ्री ऑनलाईन कार्यशाळा



अधिक
माहितीसाठी
स्कॅन करा

दि. ११ ते १९ मे, २०२० : सकाळी १० ते ११ वा.

डॉ. विलास पाटील
समन्वयक

डॉ. सुरेश झोडगे
समन्वयक

डॉ. गणेश मधे
समन्वयक

प्रमुख वक्ते



डॉ. गणेश मधे : डॉ. सुरेश झोडगे : श्री. रविंद्र मेढे

मिडिया पार्टनर

AA

AADI MEDIA

LIVE



YOU TUBE

नोंदणी लिंक : <https://forms.gle/MN6SQTZtrM9VXYqW7>

ऑनलाईन कार्यशाळेचे वेळापत्रक

वेळ : सकाळी १०.०० ते ११.०० वा. (भारतीय प्रमाणवेळ)

दिनांक	विषय
११ मे २०२०	कार्यशाळेचा विषय, उद्देश व सध्याची गरज कार्यशाळेची पूर्वतयारी व साहित्य
१२ मे २०२०	मोबाईल, संगणक व लॅपटॉप वापरून साऊंड रेकॉर्डिंग, एडिटिंग तसेच वेगवेगळ्या इफेक्ट्स चा वापर करून प्रभावी ध्वनीमुद्रण निर्मिती
१३ मे २०२०	मोबाईल च्या सहाय्याने प्रोफेशनल पद्धतीचे व्हिडीओ रेकॉर्डिंग, कॅमेरा समोर बोलण्याची सोपी पद्धत व व्हिडीओ सोबत सुस्पष्ट आवाज रेकॉर्डिंग करण्याची सोप्या पद्धत.
१४ मे २०२०	मोबाईल मधील विविध अप्लिकेशन चा वापर करून प्रभावी व्हिडीओ एडिटिंग करून शैक्षणिक व्हिडीओ बनवणे.
१५ मे २०२०	संगणक व लॅपटॉप च्या सहाय्याने अनिमेशन वापरून व्हिडीओ एडिटिंग करणे.
१६ मे २०२०	मायक्रोसॉफ्ट पावर पॉइंट चा वापर करून पीपीटी (PPT) चे आवाज व कॅमेरा सह आकर्षक व्हिडीओ मध्ये रूपांतर करणे.
१७ मे २०२०	अतिशय सोप्या ट्रिक्स वापरून आकर्षक शैक्षणिक गुगुल वेबसाईट बनवून त्याच गुगुल बेबसाईटचे मोबाईल अप्लिकेशन बनवणे.
१८ मे २०२०	उच्च शिक्षणामधील UGC च्या मार्गदर्शक तत्वांनुसार MOOCs पद्धतीचे कोर्स तयार करणे.
१९ मे २०२०	वर्ड प्रेस चा वापर करून आपण तयार केलेले MOOCs कोर्स अपलोड करण्यासाठी स्वतःचे ई - लर्निंग पोर्टल तयार करणे.

पूर्वापेक्षित कौशल्य

स्मार्टफोन, संगणक, लॅपटॉप, इंटरनेट व मायक्रोसॉफ्ट ऑफिस ची विविध टूल्स वापरण्याचे ज्ञान आवश्यक

पूर्वापेक्षित इलेक्ट्रॉनिक साहित्य

Android स्मार्टफोन, मोबाईल हेडफोन, कमीत - कमी 2mbps इंटरनेट स्पीड आवश्यक तसेच पुढील पर्यायी साहित्य
उपलब्ध असल्यास अधिक उपयुक्त : मोबाईल व संगणकाला जोडता येणारा माईक व Mobile Tripod

संपर्क

9405000075

<https://t.me/elearninghub2>

elearninghub2@gmail.com

नोंदणी करून कार्यशाळा पूर्ण केलेल्या

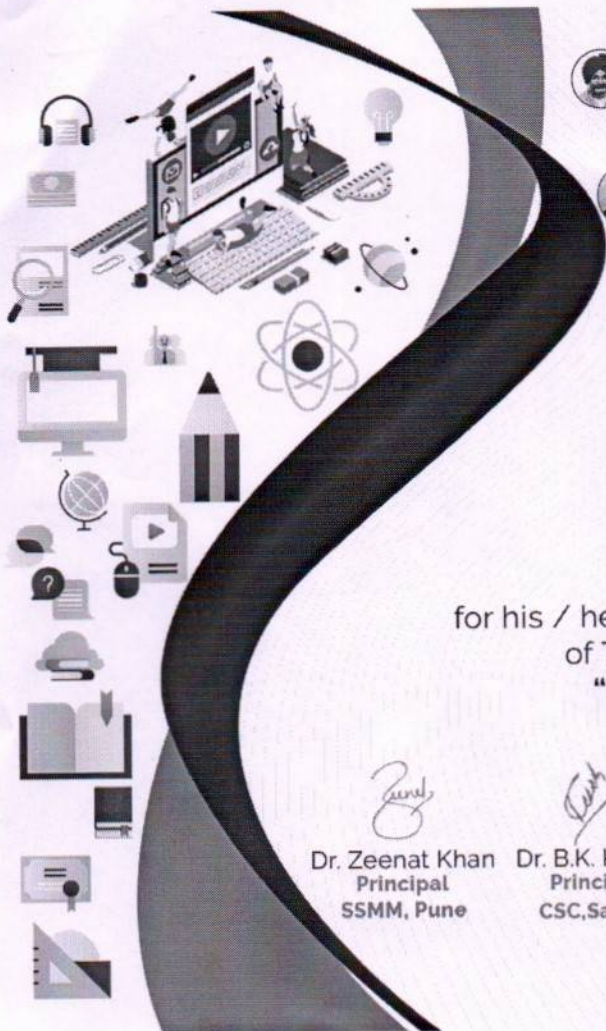
सर्व सहभागी व्यक्तींना

ई-प्रमाणपत्र पाठवले जाईल

संकल्पना व सहकार्य

प्राचार्य, श्री शाहू मंदिर महाविद्यालय, पुणे.

प्राचार्य, छत्रपती शिवाजी कॉलेज, सातारा.



A.B.M.S. Parishad's
SHRI SHAHU MANDIR MAHAVIDYALAYA, PUNE
Accredited by NAAC with Grade A (3rd Cycle)



Rayat Shikshan Sanstha's
CHHATRAPATI SHIVAJI COLLEGE, SATARA
(Autonomous) Accredited by NAAC with Grade A+



Jointly Organized Ten Days State Level Online Workshop

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

for his / her active participation and successful completion
of Ten days State Level Online Workshop on
"e- Educational Content development"
from 11 May to 20 May, 2020.

Dr. Zeenat Khan
Principal
SSMM, Pune

Dr. B.K. Karale
Principal
CSC, Satara

Dr. Vilas Patil
Workshop
Coordinator

Prof. (Dr.) S. B. Zodage
Instructor & Workshop
Coordinator

Dr. Ganesh Madhe
Instructor & Workshop
Coordinator