



Shri Shivaji Education Society Amravati's
Shri Shivaji Science and Arts College, Chikhli.
Dist. Buldana. 443201

Reaccredited by NAAC with B++ grade (CGPA 2.82)
ISO:9001-2015



3rd Cycle

Assessment & Accreditation by NAAC

CRITERION-III

Research, Innovations and Extension

QIM- 3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for Innovations and has initiatives for creation and transfer of Knowledge

Sr. No.	Contents
1	Patent Granted Dr. R. B. Gade
2	Project Submitted to SERB by Dr. R. B. Gade
3	Project Submitted to CSIR by Dr. R. B. Gade
4	Patent filed by Dr. P. P. Padghan
5	Patent Granted Dr. A. S. Kale
6	Project Submitted to ICSSR by Dr. Sunita Kalakhe
7	Participation in Avishkar
8	Talking Tree App
9	Certificate of Attal Ranking
10	Terracotta Garden
11	Eco-friendly Ganesh Idol making Workshop
12	Eco-friendly Color Preparation for Holi
13	Participation in Programme of Gandhi Research Foundation
14	QR Code of Department of Zoology
15	QR Code of Department of Microbiology
16	Young Researcher Award 2021 to Dr. A. S. Kale
17	HOD of the Year 2021 to Dr. V. U. Pochhi
18	First Prize Received at District Level
19	Second Prize Received at University Level
20	First Prize Received at District Level
21	Environmental Conservation Fund
22	TDS analyzer
23	Patent filed by Mr. S. A. Salve
24	Patent Published by Dr. S. M. Kalakhe



Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI SCIENCE & ARTS COLLEGE

CHIKHLI DIST. BULDANA

www.shivajichk.ac.in email : shivajichk@rediff.com  (07264) 242088

Re-accredited by NAAC with B++ Grade [CGPA - 2.82]



Shri Harshawardhan P. Deshmukh

President

Shri Shivaji Education Society, Amravati

Dr. Omraj S. Deshmukh

Principal
M.Sc., Ph.D.

Ref.No. SSSA C/19 AC/2022 .

Date: 31/8/2022

Self Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Hence this certificate is issued.

Yashchi
Dr. V. U. Pochhi
Coordinator

IQAC, Shri Shivaji Sci. & Arts
College, Chikhli Dist. Buldana



Omraj Deshmukh
Dr. Omraj S. Deshmukh
PRINCIPAL
Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 100 544

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A61K 31/196

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 Sonar, Jayant Prabhakar, Dr., Aurangabad, Maharashtra, IN
 Sonawane, Prashant Tukaram, Dr., Jalna, Maharashtra, IN
 Suryawanshi, Vijay Digambarrao, Dr., Jalna, Maharashtra, IN
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 Wagh, Umesh Yeduba, Dr., Aurangabad, Maharashtra, IN

Tag der Anmeldung:

31.01.2022

Tag der Eintragung:

16.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer
München, 16.02.2022



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Den aktuellen Rechtsstand und Schutzmfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

The Electronic Project Proposal N x G11327DE certificate.pdf - drgad x +

serbonline.in/SERB/ProposalInbox

Menu

Welcome Dr. Rajendra Balnath Gade

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Proposal Inbox

Upload SE/UC ... Upload Progress Report ... Upload Publications ... RTGS/Quotations Release History Compose Letter Letters Received Letters Sent View Documents Proceedings

Search:

File Number	Proposal Title	Institute	Scheme	Area	Submission Date	Status	Action
SUR/2022/000007	A Sustainable Development of Agriculture Sector of Buldana District through Apiculture	Shri Shri Shivaji Science and Arts College Chikhli	State University Research Excellence (SERB SURE)	Interdisciplinary Biological Sciences (IBS)	19-Aug-2022	Proposal Submitted	

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CSIR-HRDG_Request for resubm... x CSIR-Human Resource Develop... x New Tab x +

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CSIR-HRDG-EMR-II Scheme: Session-I

Instructions

– Instructions to the Project Investigators(Pls)

Proposal Submission Process:

- User can login using his registered e-mail and password.
- After log in, the user(PI) may fill the Proposal Submission Form in 4 steps. After the 4th step is completed, "Final Submit" button will be enabled. Till the final submission, the user is allowed to swap/navigate between the steps (1 to 4) and make any changes in the form. After pressing "Final Submit" button, the user is not allowed to edit/change the content of the form, user can view the complete details submitted in a single page view and also can download the same as PDF.
- User may prepare PDF of Detailed Research Proposal Format ([.docx format](#) | [.pdf format](#)) and keep the same ready for uploading.
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- Duly filled in, signed and stamped 'Declaration Form' (at item 12 of Detailed Research Proposal) is mandatory for further processing of research proposal submitted online.

Submitted Proposal

S.No.	Title of the Proposal	Status	Action	Documents
1	"Studies on the Phytonematodes of sugarcane fields from Maharashtra state India."(22142)	Submitted	Proposal Form Proposal PDF	Affiliation Certificate

Remarks: PI's publication list not there

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Contact: nsemr2@csirhrdg.res.in
011-25842850

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.201921013451 A

(19) INDIA

(22) Date of filing of Application :03/04/2019

(43) Publication Date : 09/10/2020

(54) Title of the invention : SYSTEM FOR PREDICTING DEGREE OF MATURITY OF AGRICULTURE PRODUCT

(51) International classification	:A61B0005026000, G02B0027480000, A61B0005000000, G01N0033020000, G06F0011320000	(71)Name of Applicant : 1)Prafull P Padghan Address of Applicant :Department of Physics, Sant Gadge Baba Amravati University, Amravati-444602 Maharashtra India 2)Kamlesh M Alti 3)Sant Gadge Baba Amravati University
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Prafull P Padghan 2)Kamlesh M Alti
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for predicting degree of maturity of agriculture product via speckle contrast measurement. The proposed system uses a simple laser speckle based nondestructive technique to predict quality of seasonal fruit without human intervention. In this invention, speckle contrast is obtained from of the seasonal fruit to monitor their maturity with time. Thus it is found that only the speckle contrast parameter of speckle images which are obtained from variously matured fruits is enough to predict agriculture product™s maturity level and hence quality. Presented technique is rapid and requires modest image processing component and has a potential to extend it for other agriculture products also. It can be easily converted into a mobile based app with suitable changes. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic diagram, Figure 2 of sheet 1 showing speckle patterns of Mango monitored over six days and Figure 3 of sheet 2 graph depict variation of speckle contrast values of a Mango with time.

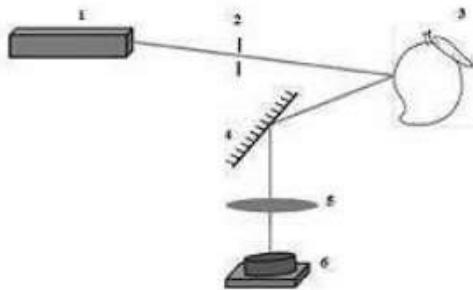
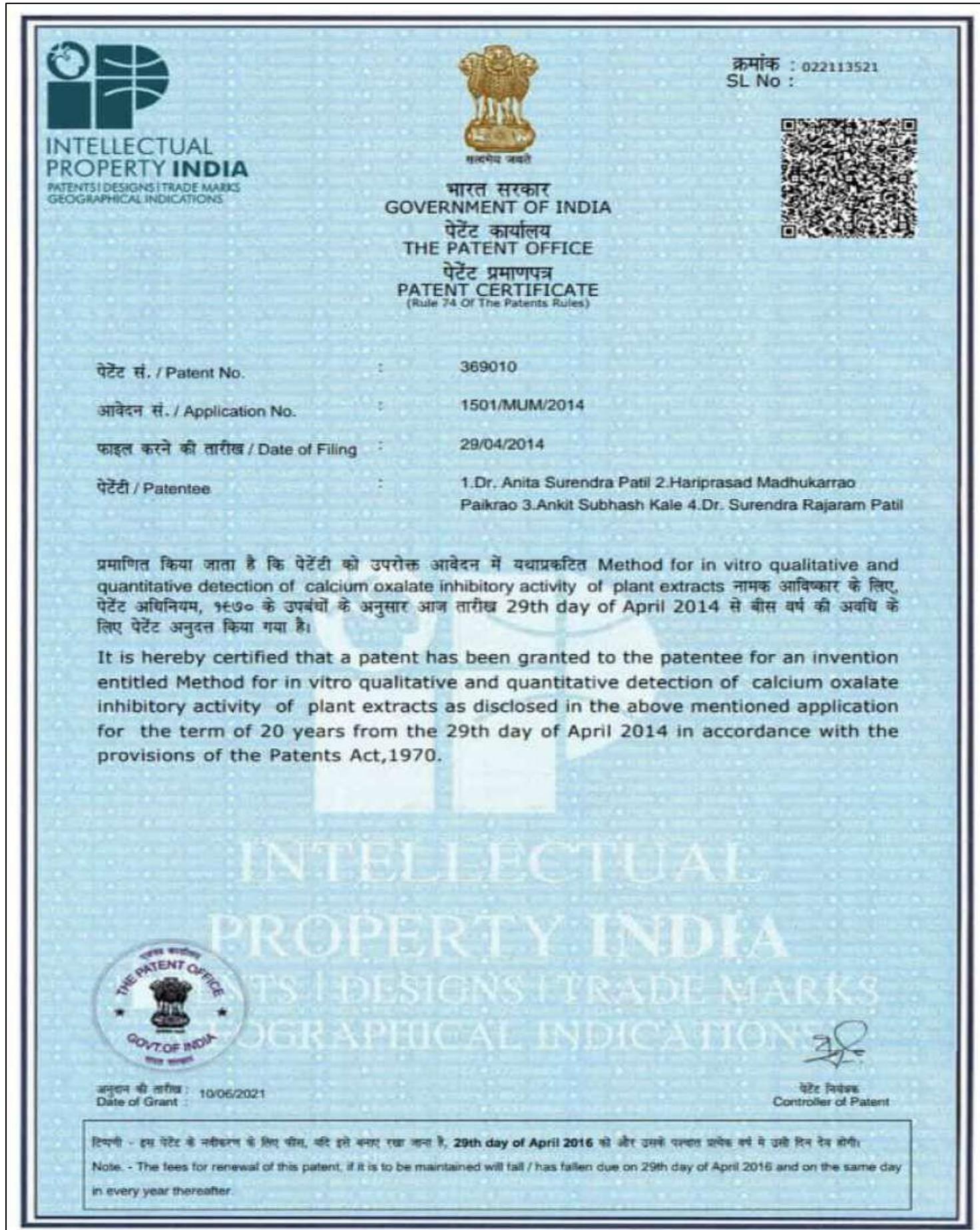


Figure 1

No. of Pages : 12 No. of Claims : 2





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Economics



I. Personal Information

1. Name of the Applicant	Sunita Kalakhe
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5(b). Mobile Number :	9730530766
5(c). Email Id :	dr.sunitakalakhe@gmail.com
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6(b). Mobile Number :	9730895411
6(c). Email Id :	dr.pradipbarad@gmail.com
7. Employer Details :	Designation: Assistant Professor Name: Shri Shivaji Science and Arts College Chikhli Address: Dalitmitra Pandrinath Patil Path, Shivaji Nagar Chikhli Dist.Buldana. Mobile Number: 9730530766 Email: dr.suntakalakhe@gmail.com Website: shivajichk.org
9. Indicate your category :	Category:OBC, Gender: Female, Person with Benchmark Disability: No



University of Mumbai



14th Maharashtra State
Inter-University Research Convention

January 28-31, 2020

Certificate of Participation

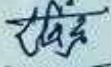
This is to certify that **Dr. Kumbhare And Thorat S. L. And G. D. of Sant Gadge Baba Amravati University, Amravati** has guided a research project titled **Synthesis of Biodegradable Plastic from Corn Starch Powder** which was presented by his student **Ms. Tayde Kiran Suresh** in **Pure Sciences** category and **UG** level at the **14th Maharashtra State Inter-University Avishkar Research Convention: 2019-20** organized by **University of Mumbai** on **January 28-31, 2020**.

Kalina, Mumbai
January 31, 2020

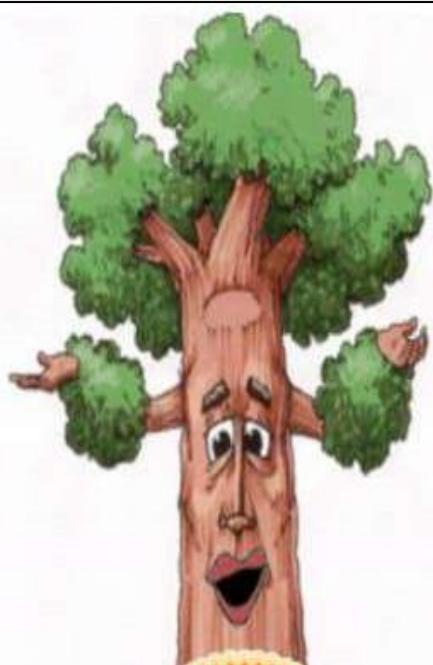

Prof. Sanhas Pednekar
Vice-Chancellor,
University of Mumbai


Dr. Ajay Deshmukh
Registrar,
University of Mumbai




Prof. Ravindra Kulkarni
Pro Vice-Chancellor,
University of Mumbai


Dr. Sumil Patil
Director,
Department of Students' Development,
University of Mumbai and
Organizing Secretary



Shri Shivaji Science & Arts College, Chikhli

BOTANY DEPARTMENT



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This is to certify that

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE , CHIKHALI.

is recognised in the band "BEGINNER" under the category

"General (Non-Technical)"

in Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2021,
a flagship program of the Ministry of Education, Government of India.

29th December 2021.

A handwritten signature in black ink.

Dr. Anil D Sahasrabudhe
Chairman, AICTE

A handwritten signature in black ink.

Shri K Sanjay Murthy
Secretary (HE), MoE

A handwritten signature in black ink.

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell



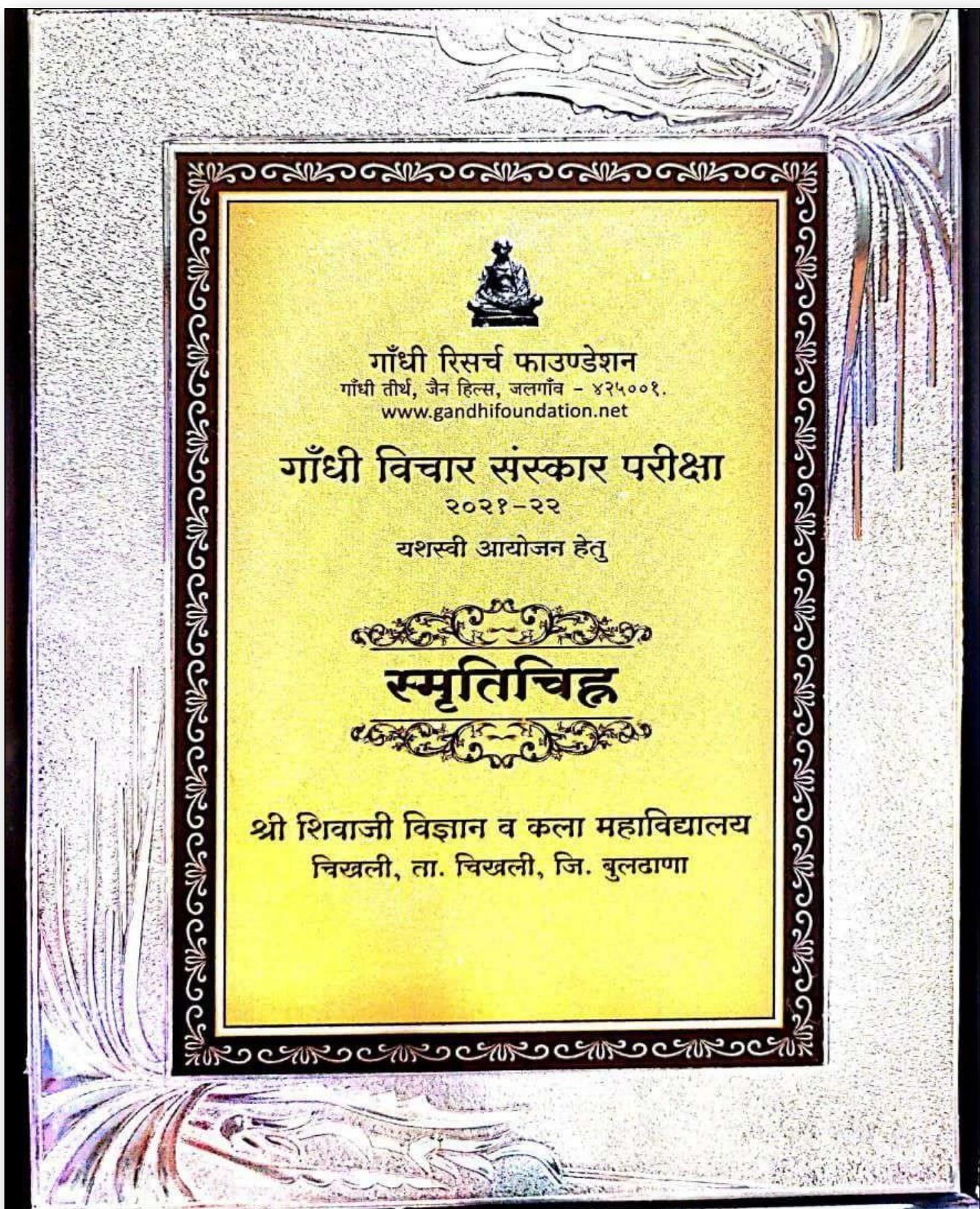
Terracotta Garden



Eco-friendly Ganesh Idol Making Workshop



Eco-friendly Colour Preparation for Holi





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Certificate

Young Researcher Award 2021 awarded to

Dr. Ankit S. Kale

Ph.D. Biotechnology, M.Sc. Biotechnology, M.Sc. Botany
Assistant Professor
Department of Botany
Shri Shivaji Science and Arts College
Buldana, Maharashtra

For the work with following details:

Publication Type: Journal

**Paper Title: A Tlc-Direct Bioautography Method for Detection of
Antiulrolithiatic Metabolites**

Journal Name: Journal of Chromatographic Science

Month of Publication: January

Year: 2017

Page No.: 1-7



Nanjesh Bennur
Director, InSc

InSc Awards 2021

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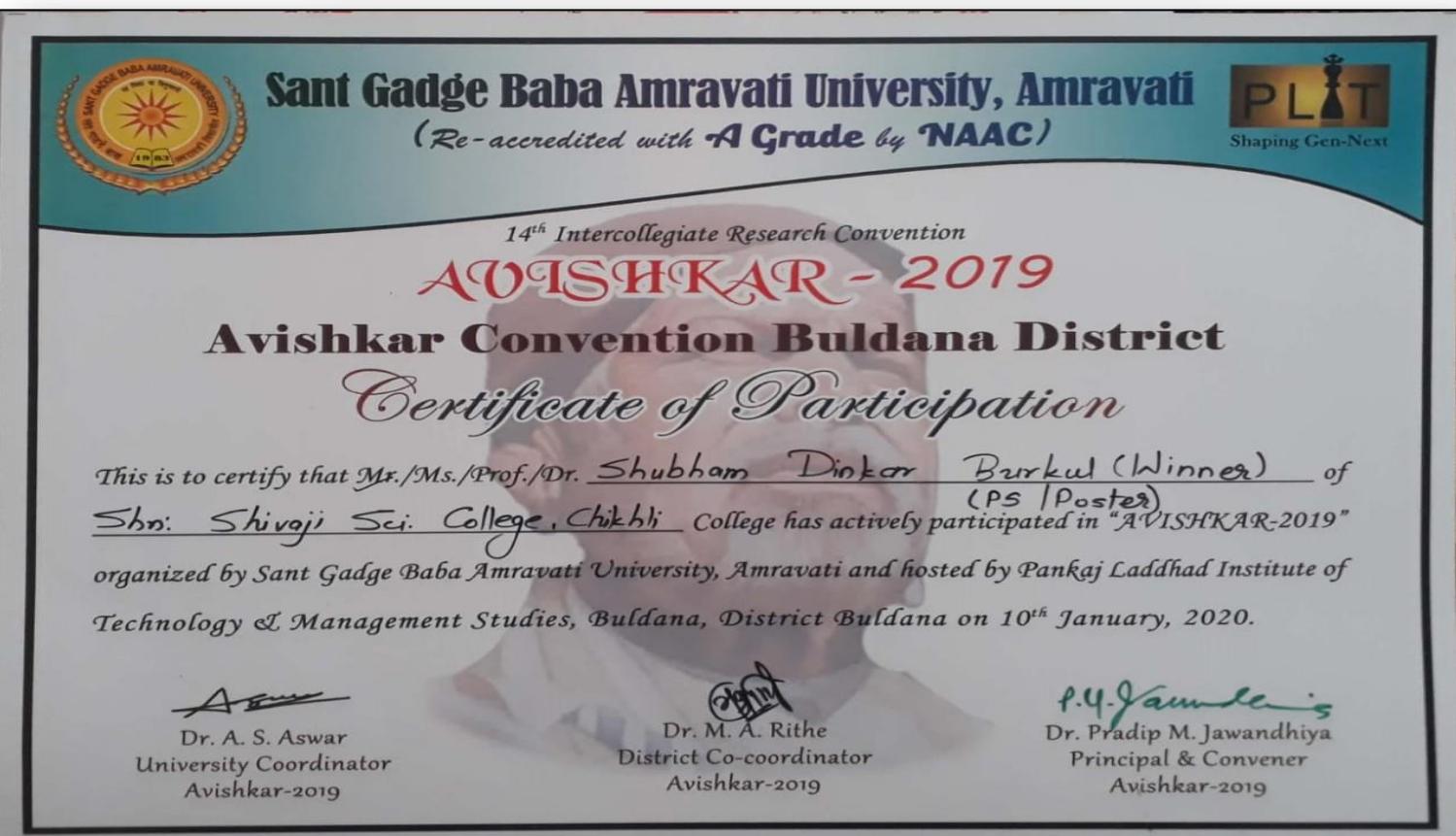
awarded to

Dr. Vanita Uttamrao Pochhi
Professor and Head of Department
Department of Botany
Shri Shivaji Science and Arts College
Buldana, Maharashtra

in recognition of valuable contribution to the academic community and the students.

A handwritten signature in black ink, appearing to read 'Nanjesh Bennur'.

Nanjesh Bennur
Director, InSc



Mr. Shubham Burkul and Baliram Solanki Received first Prize in District Level Avishkar Competition





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KU. KIRAN TAYADE AND KU. VAISHNAVI RECEIVING FIRST PRIZE UNDER UG PURE SCIENCE IN AVISHKAR COMPETITION-2019 AT BULDANA



श्री शिवाजी शिक्षण संस्था, अमरावती द्वारा संचालित

श्री शिवाजी विज्ञान व कला महाविद्यालय चिखली, जि. बुलडाणा



पर्यावरण संवर्धन निधी

Environment Conservation Fund



पर्यावरण संवर्धन आज काळाची गरज आहे. निसर्गाने आपल्याला खूप काही दिले आहे. उत्तरदायित्व म्हणून आपण त्याच्या संरक्षण व संवर्धनासाठी पुढे यावे आणि आपली छोटीशी मदत पर्यावरण संवर्धन निधी पेटीत टाकून या कामात सक्रिय सहभागी व्हावे.

**चला आपले कर्तव्यपार पाढू,
पर्यावरण रक्षणास हातभार लावू**

निसर्ग व पर्यावरण संवर्धनासाठी किमान १ रुपया ते आपल्या क्षमतेनुसार अधिकतम योजदान देऊन सहकार्य करावे.

आपण दिलेल्या पर्यावरणय निधीतून पुढीलप्रमाणे कार्य केल्या जातील.

- १) नवीन झाडे लावणे
- २) झाडांसाठी संरक्षण जाळ्या तयार करणे
- ३) पक्षांच्या पाण्याची व अन्नाची सोय करणे.
- ४) झाडांसाठी पाण्याची व्यवस्था करणे



तर चला बनवूया हरित व जैवसंरक्षित महाविद्यालयीन परिसर

अंतर्गत गुणवत्ता हमी कक्ष (IQAC) व वनस्पतीशास्त्र विभाग यांचा संयुक्त उपक्रम



TDS Analyser



Office of the Controller General of Patents, Designs & Trade Marks
 Department of Industrial Policy & Promotion,
 Ministry of Commerce & Industry,
 Government of India



Application Details

APPLICATION NUMBER	202241051826
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2022
APPLICANT NAME	1 . Dr. D. Iranian 2 . Dr. Bele Charudatta Dattatraya 3 . Mrs. Vijayalaxmi M K 4 . Mr. Sankar C 5 . Mr. R. V. Jaikumar 6 . Dr. S. Arul Amirtha Raja 7 . Mr. Sanjay Ambadas Salve 8 . Mrs. K. Lavanya 9 . Dr. C. Siva Sankar 10 . Dr. Prashant Pralhad Malavadkar
TITLE OF INVENTION	DESIGN AND ANALYZE OF WEBSITE EFFECTIVENESS USING GRAPH THEORY
FIELD OF INVENTION	COMPUTER SCIENCE
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ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Extracts from the Register of Copyrights



Dated : 23/09/2022

1. Registration Number	L-117622/2022
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4. Class and description of the work	LITERARY/ DRAMATIC WORK BIOGRAPHY
5. Title of the work	LOKNETE TUKARAMJI PATIL YEDSHIKAR: VYAKTI AANI KARY
6. Language of the work	MARATHI
7. Name, address and nationality of the author and if the author is deceased, date of his decease	PRADIP HIMMATRAO BARAD , SPM TATYASAHEB MAHAJAN ARTS AND COMMERCE COLLEGE DEENDAYAL NAGAR, CHIKHLI DIST. BULDANA-443201 INDIAN 07/11/2017 KAMAL BHAGWAN AARU , AT. YEDSHI TA.MANGRULPIR DIST. WASHIM-444402 INDIAN 07/11/2017 SUNITA KALAKHE - BARAD , JIJAU NAGAR, CHIKHLI DIST. BULDANA-443201 INDIAN 07/11/2017
8. Whether the work is published or unpublished	PUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	2017 INDIA ATHARV PUBLICATION , DEVIDAS COLONY, VARKHEDI ROAD, DHULE-424001 INDIAN
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
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12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright	PRADIP HIMMATRAO BARAD , SPM TATYASAHEB MAHAJAN ARTS AND COMMERCE COLLEGE DEENDAYAL NAGAR, CHIKHLI DIST. BULDANA-443201 INDIAN KAMAL BHAGWAN AARU , AT. YEDSHI TA.MANGRULPIR DIST. WASHIM-444402 INDIAN SUNITA KALAKHE - BARAD , JIJAU NAGAR, CHIKHLI DIST. BULDANA-443201 INDIAN
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