## Bundesrepublik Deutschland ——

# Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 100 544

### Bezeichnung:

Neue orale Streifen- oder Dünnfilmform von Diclofenac-Natrium IPC:

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> Tag der Anmeldung: 31.01.2022

Tag der Eintragung: 16.02.2022

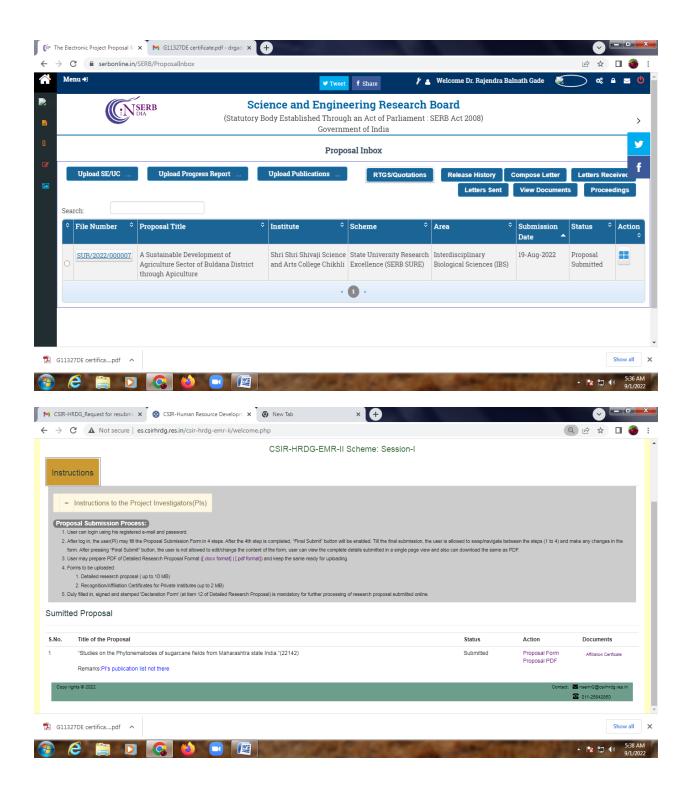
Die Präsidentin des Deutschen Patent- und Markenamts

Comeria 15-aux - Saaper

Cornelia Rudloff-Schäffer München, 16.02.2022



Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft. Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.



(19) INDIA

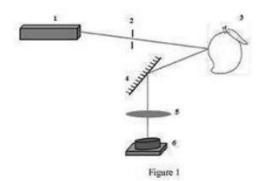
(22) Date of filing of Application :03/04/2019 (43) Publication Date : 09/10/2020

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

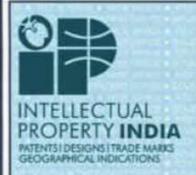
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	G06F0011320000	2)Kamlesh M Alti
(31) Priority Document No	:NA	3)Sant Gadge Baba Amravati University
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Prafull P Padghan
(86) International Application No	:NA	2)Kamlesh M Alti
Filing Date	:NA	Control of the Contro
(87) International Publication No	: NA	
(61) Patent of Addition to Application Nun	nber:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

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<sup>TM</sup>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.



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





भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules) क्रमांक : 022113521 SL No :



पेटेंट सं. / Patent No. : 369010

आवेदन सं. / Application No. 1501/MUM/2014

फाइल करने की तारीख / Date of Filling : 29/04/2014

पेटेटी / Patentee : 1.Dr. Anita Surendra Patil 2.Hariprasad Madhukarrao

Paikrao 3.Ankit Subhash Kale 4.Dr. Surendra Rajaram Patil

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित Method for in vitro qualitative and quantitative detection of calcium oxalate inhibitory activity of plant extracts नामक आविष्कार के लिए, पेटेंट अधिनियम, १६७० के उपवंधों के अनुसार आज तारीख 29th day of April 2014 से बीस वर्ष की अविध के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled Method for in vitro qualitative and quantitative detection of calcium oxalate inhibitory activity of plant extracts as disclosed in the above mentioned application for the term of 20 years from the 29th day of April 2014 in accordance with the provisions of the Patents Act,1970.

# PROPERTY INDIA PROPERTY INDIA IS I DESIGNS I TRADE MARKS DERAPHICAL INDICATION 22

अनुवन के तारीख : 10/06/2021 Date of Grant : पेटेंट निपंडस Controller of Patent

दियानी - इस पेटेंट के नवीकरण के लिए पीस, वर्द इसे बनाए एका जाना है, 29th day of April 2016 को और उसने परचार प्रायेक वर्ष में उसी दिन देव होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 29th day of April 2016 and on the same day in every year thereafter.



### INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH Major/Minor Projects

Apply under	Major
Board Discipline	Economics
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Indicate your category :	Category:OBC, Gender: Female, Person with Benchmark Disability: No







University of Mumbai



14" Maharashtra State Inter-University Research Convention

- January 28-31, 2020 -

### Pertificate of Zarticipation

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. Sunas Pednekar

Vice-Chancellor, University of Mumbai

Dr. Ajay Deshmukh

Registrar, University of Mumbai



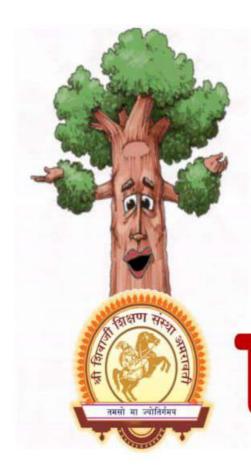
Prof. Ravindra Kulkarni

Pro Vice-Chancellor, University of Mumbai

Dr. Sunil Patil

Director,
Department of Students' Development,
University of Mumbai and
Organizing Secretary





# Shri Shivaji Science & Arts College, Chikhli BOTANY DEPARTMENT TALKING TREE

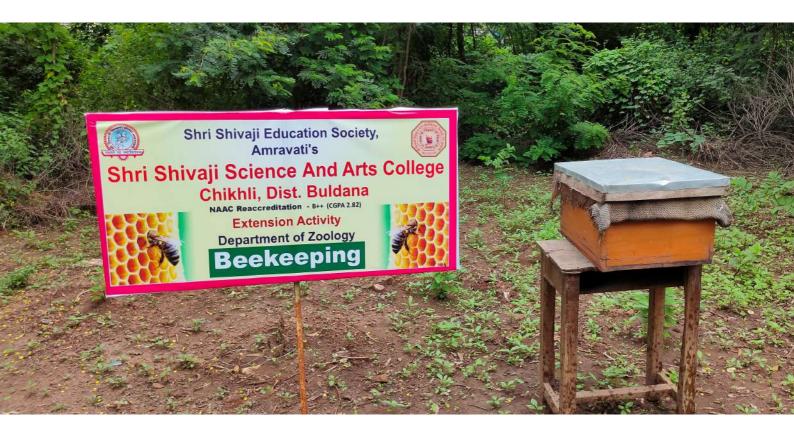
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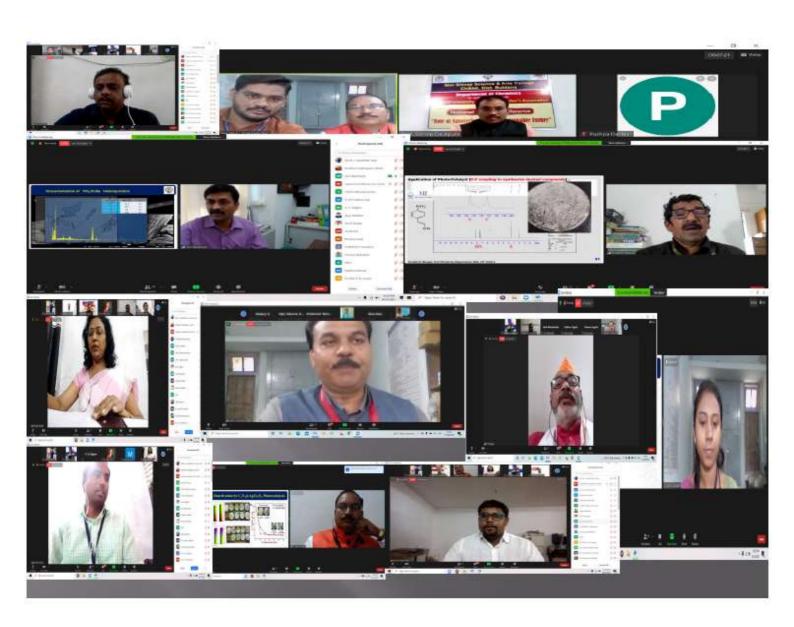




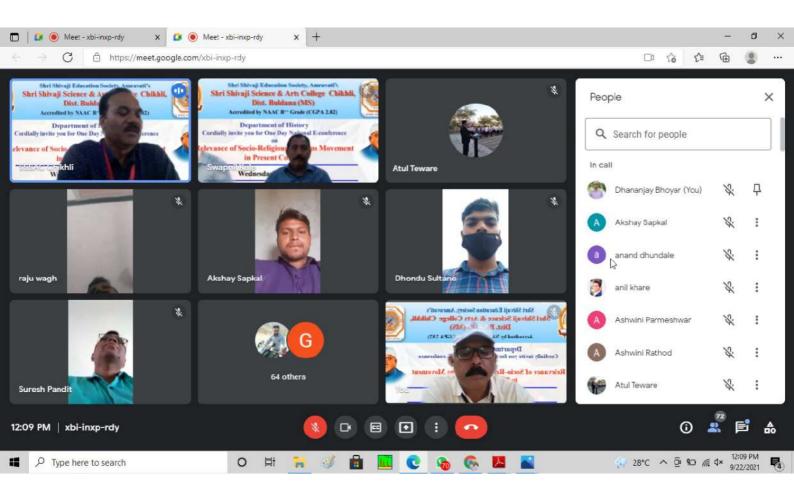




















### Certificate of Recognition

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.

**Dr. Anil D Sahasrabudhe** Chairman, AICTE Shri K Sanjay Murthy Secretary (HE), MoE

1. K.

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

Abhay Tere