



# Janseva Sevabhavi Pratishthan Bhopni's Kai. Rasika Mahavidyalaya, Deoni

Tq. Deoni Dist. Latur

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.)  
(Science, Commerce & Technology)

[www.kairasikamahavidyalaya.com](http://www.kairasikamahavidyalaya.com)

NAAC Accredited 'B' Grade (UGC 2f & 12B)

Establishment Year: June 2008  
Reg.No. MAHA/8734 / Date- 07-11-1998

College Code – 399  
Email: [rasikadeoni399@gmail.com](mailto:rasikadeoni399@gmail.com)

Hon. Mr. Govindrao Biradar  
**President**  
Janseva Sevabhavi Pratishthan  
Bhopani

Hon. Mr. Gajananji Biradar  
**Secretary**  
Janseva Sevabhavi Pratishthan  
Bhopani

Dr. Chandrakant A. Jawale  
M.Sc., B. Ed, P.hD. FZSI, FIAES, FISST  
**Principal**  
[drcajawale@gmail.com](mailto:drcajawale@gmail.com) 9421481557

## Declaration

This is to certify that the data, reports and copies of supporting documents  
submitted to NAAC are true and verified by the IQAC.

Hence certified.

Date: 20.04.2024

Place: Deoni.

  
**IQAC-COORDINATOR**  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



  
**Principal**  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



NOTIFICATION

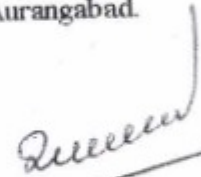
It is hereby notified that the thesis entitled "REPRODUCTIVE BIOLOGY OF THE COMMERCIALY IMPORTANT FEMALE EDIBLE CRAB, BARYTELPHUSA" submitted by **Shri Jawale Chandrakant Angad** has been accepted by this University for the Ph.D. Degree in ZOOLOGY and he has been declared eligible for the award of the said degree. Shri Jawale Chandrakant Angad submitted his thesis under the guidance of Dr. G. K. Kulkarni, Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

University Campus,  
Aurangabad.

Ref No. P.G./Ph.D./Zoology /2002-03/  
5276-84

Date :- August 30, 2002.

||  
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||  
||  
||  
||  
\*\*\*\*

  
[Dr. L.R. Nagargoje]  
Registrar.

Copy forwarded with compliments for information to :

- 1] The Secretary, University Grants Commission, New Delhi,
- 2] The Secretary, Association of Indian Universities, Rouse Avenue, New Delhi,
- 3] The Deputy Secretary, [Library & Documentation], Association of Indian Universities, AIU, 16, Kotla Marg, New Delhi.
- 4] Dr. B.K. Singh, Riverine Division, Central Inland Capture Fisheries Research Institute, 24, Panna Lal Road, Allahabad - 211 002.
- 5] Dr. P.V. Desai, Professor and Head, Department of Zoology, Goa University, Goa-403 206.
- 6] Dr. G. K. Kulkarni, Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 7] The Head, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 8] Copy to the Librarian, University Library, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,
- 9] Copy to the Superintendent, [Convocation Unit], Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.



# UNIVERSITÀ DEGLI STUDI DI SALERNO



Area III – Didattica e Ricerca  
Coordinamento Attività Post-Laurea  
Ufficio Formazione Post-Laurea

Certificato n° 17

Si certifica che, dagli atti in possesso dell'Ufficio, il Dott. **MORE VIJAYKUMAR SHIVDAS**, nato a HIPPALGAON (India) il 01.02.1979, cittadino indiano, ha frequentato, nel periodo compreso dal 1° novembre 2008 al 31 ottobre 2011, il Corso di Dottorato di Ricerca in "Scienze Farmaceutiche" (X Ciclo – Nuova Serie), di durata triennale, con sede amministrativa presso l'Università degli Studi di Salerno, ed ha sostenuto in data 23.02.2012, con esito positivo, l'esame finale per il conseguimento del titolo accademico di Dottore di Ricerca, presentando una dissertazione dal titolo " *THE DESIGN AND SYNTHESIS OF NOVEL N-HETEROCYCLIC COMPOUNDS, AND THEIR EVALUATION OF ANTI-CANCER AND ANTI-VIRAL ACTIVITY*".

Si rilascia il presente certificato in carta semplice per gli usi consentiti dalla legge.

Translation on request of the person concerned

Should any discrepancies exist between the Italian version and the English version of this certificate, the Italian version shall take precedence.

We, hereby, certify that, on the basis of documents in possession of this Office, **Dr. MORE VIJAYKUMAR SHIVDAS**, born in HIPPALGAON (India), on February 1th, 1979, Indian citizen, has attended the PhD Course in "Pharmaceutical Sciences" at the University of Salerno from November, 1th, 2008 to October, 31 th, 2011.

He, successfully, obtained the PhD Degree by submitting a dissertation entitled "THE DESIGN AND SYNTHESIS OF NOVEL N-HETEROCYCLIC COMPOUNDS, AND THEIR EVALUATION OF ANTI-CANCER AND ANTI-VIRAL ACTIVITY", on February 23<sup>th</sup>, 2012.

This certificate, translated on request of the person concerned, is issued on unstamped paper for all purposes permitted by the Law.

Fisciano, 29 FEB. 2012

THE HEAD OF OFFICE  
Dott. Giovanni SALZANO



THE HEAD OF THE RESEARCH AND DIDACTICS AREA  
Dott. Salvatore CARANNANTE

Principal  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



REPUBBLICA ITALIANA



UNIVERSITÀ DEGLI STUDI DI SALERNO

IN NOME DELLA LEGGE:  
NOI RETTORE MAGNIFICO  
DELL'UNIVERSITÀ DEGLI STUDI DI SALERNO

**RAIMONDO PASQUINO**

VISTO L'ART. 6 DEL D.M. 30 APRILE 1999 N° 224;  
VISTO IL REGOLAMENTO DI ATENEUM IN MATERIA DI DOTTORATO DI RICERCA;  
ACQUISITI GLI ATTI DELLA COMMISSIONE ESAMINATRICE  
IN DATA

23 FEBBRAIO 2012

CONFERIAMO A

**VIJAYKUMAR SHIVDAS MORE**

NATO A HIPALGAON (INDIA) IL 01 FEBBRAIO 1979

IL DOTTORATO DI RICERCA  
IN

SCIENZE FARMACEUTICHE

IL PRESENTE DIPLOMA VIENE RILASCIATO A TUTTI GLI EFFETTI DELLA LEGGE

FISCIANO, 27 FEBBRAIO 2012

IL DIRETTORE AMMINISTRATIVO

IL COORDINATORE SCIENTIFICO

IL RETTORE

N° D1/00012/2012

Collo assolto in modo virtuale. Per il versamento in contante presso l'Ufficio di Tesoreria dell'Università degli Studi di Salerno.  
Agenzia delle Entrate - Direzione Regionale Calabria

**IQAC-COORDINATOR**  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

**Kai.Rasika Mahavidyalaya, Deoni**  
Tq.Deoni Dist.Latur





SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,  
"DNYANTEERTH" VISHNUPURI, NANDED (M. S.)

Ref.No.: PG/Ph.D./2012-2013/ 3792-8

Date: 09/04/2013

**NOTIFICATION**

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:

Ecological Aspect of Lonar Lake with Respect to Eutrophication, Productivity and Molecular Study of Micro-Flore and Some Biotope."

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of:

**DOCTOR OF PHILOSOPHY (Ph.D.)**  
**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY**

Name of the Candidate : Mr. Pedge Sudarshan Sambhajirao  
Date of Registration : 26/06/2009  
Topic of Research : "Ecological Aspect of Lonar Lake with Respect to Eutrophication, Productivity and Molecular Study of Micro-Flore and Some Biotope."  
Guide : Dr. Ahirrao S. D.  
Subject : Zoology  
Faculty : Science  
Viva Voce Held on : 09<sup>th</sup> April, 2013  
Eligibility No. : Ph.D /Zool. /June-09/10-12 Date: 09/04/2010

  
**CONTROLLER OF EXAMINATIONS**

**Copy forwarded with compliments to:**

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center, Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
03. The Secretary, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
04. The Editor, University Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
05. The Dean of concerned faculty.
06. The Controller of Examinations, this University
07. Research Guide : Dr. Ahirrao S. D.
08. Researcher: Mr. Pedge Sudarshan Sambhajirao
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.

  
**IQAC-COORDINATOR**  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



  
**Principal**  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Gram : "Dnyanteerth"

SWAMI RAMANAND TEERTH  
MARATHWADA UNIVERSITY  
"Dnyanteerth", Vishnupuri,  
NANDED - 431 606 (M.S.)



स्वामी रामानंद तीर्थ  
मराठवाडा विद्यापीठ,  
ज्ञानतीर्थ विष्णुपुरी,  
नांदेड - ४३१ ६०६ (म.रा.)

## CERTIFICATE

It is hereby certified that the Ph.D. awarded to Mr. Pedge Sudarshan Sambhajirao is equivalent to the provisions of the UGC {Minimum Standards and Procedure for the award of Ph.D. degree Regulation 2009 (III Amendment)}.

This certificate is issued in the light of UGC directives F.No.1/1/2002 (PS) Pt file III dated 28<sup>th</sup> August 2009 and as per the decision of Academic Council of this University in its meeting held on April 26, 2010

Name of the Candidate	Mr. Pedge Sudarshan Sambhajirao
Name of the Degree	Ph. D.
Subject	Zoology
Faculty	Science
Title of the Thesis	"Ecological Aspect of Lonar Lake with Respect to Eutrophication, Productivity and Molecular Study of Micro-Flore and Some Biotope."
Name of the Guide /Supervisor	Dr. Ahirrao S. D.
Date of Registration	26/06/ 2009
Date of Viva-voce	09 <sup>th</sup> April, 2013
Course Work Completion	02 December 2011

Ref.: PG/Ph.D./2012-13/  
Date : 15/04/2013


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(  
(

Your Sincerely,

Deputy Registrar  
P. G. Section

To,  
Dr. Pedge Sudarshan Sambhajirao

  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni,  
Tq.Deoni Dist.Latur

  
Principal  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Phone / (दुरध्वनी) : (02462) 229242, 229243, 229250, 229251, FAX : 229574, 229520



Swami Ramanand Teerth Marathwada University, Wardha



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

Doctor of Philosophy

In the faculty of Science (Zoology) has been conferred on **Pedga Sudarshan Sambhajirao** on **Twenty Fourth April Two Thousand Thirteen** who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

पेडगे सुदर्शन संभाजीराव

हे / ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरू, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

विज्ञान (प्राणीशास्त्र)

विद्याशाखांतर्गत

विद्यावाचस्पती

ही पदवी दिनांक चोवीस एप्रिल दोन हजार तेरा

रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित

करण्यात येत आहे.

Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Principal

IQAC COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Date of issue: 24th April 2013

IQAC-COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Vice-Chancellor



2854

12

# Dr. Babasaheb Ambedkar Marathwada University

AURANGABAD- 431 004. MAHARASHTRA (INDIA)

NAAC Accredited B<sup>+</sup>



UNIVERSITY CAMPUS,  
AURANGABAD-431 004  
(Maharashtra) INDIA

Office PBX : 2403399, 2403400  
phones :  
Registrar : (Office) 2403333  
(Resi.) 2400203  
0240-2403335  
BAMUSITY  
www.bamu.net  
vc@bamu.net  
registrar@bamu.net

## NOTIFICATION

*It is hereby notified that, the thesis entitled, "STUDIES ON MANAGEMENT OF SOME IMPORTANT FUNGAL DISEASES OF IVY GOURD (COCCINIA INDICA WIGHT & ARN.)" submitted by **Miss. Vaishali Sidram Chatage** has been accepted by this University for award of Ph.D. Degree in **Botany** under the faculty of **Science**. Miss. Vaishali Sidram Chatage has been declared eligible for the award of the said Degree. The candidate submitted her thesis under the guidance of Dr. U.N. Bhale, Research Guide, Lecturer, Dept of Botany, Arts, Sci. & Commers College, Naldurg, Dist. Osmanabad-413602.*

University Campus,

//

Aurangabad.

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Ref.No. PG/Ph.D./Dec-2008/Botany/63-73  
2013/

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*(Signature)*  
Director,  
(BCUD)

Date: - **March 28, 2013.**

*(Signature)*  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni,  
Tq.Deoni Dist.Latur

*(Signature)* P.T.O.  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





*Copy forwarded with compliments for information to :-*

- 1] *The Secretary, University Grants Commission, New Delhi.*
  - 2] *The Secretary, Association of Indian Universities, Rouse Avenue, New Delhi.*
  - 3] *The Deputy Secretary, (Library & Documentation), Association of Indian Universities, AIU 16 Kotla Marg, New Delhi.*
  - 4] *The Director, Information & Library Network Centre (INFLIBNET), Near Gujarat University, Guest House, P.B. No. 4116, Navrangpura, Ahmedabad - 380 009.*
  - 5] *Dr. Mohekar Ashok Dnyandeorao, Dean, Faculty of Science, Shikshan Maharshi Dnyandeorao Mohekar Mahavidyalaya, Kallam, Dist. Osmanabad.*
  - 6] *Dr. D.U. Gawai, Associate Professor & Head, P.G. Department of Botany, N.E.S. Science College, Nanded.*
  - 7] *Dr. G.M. Vidyasagar, Professor, P.G. Studies & Research in Botany, Gulbarga University, Gulbarga-585106.*
  - 8] *Dr. U.N. Bhale, Research Guide, Lecturer, Dept of Botany, Arts, Sci. & Commers College, Naldurg, Dist. Osmanabad-413602.*
  - 9] *The Head, Department of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.*
  - 10] *The Librarian, University Library, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.*
  - 11] *Copy to the Assistant Superintendent, (Convocation Unit), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.*
-

**Dr. Babasaheb Ambedkar Marathwada University**Aurangabad  
NAAC Accredited B+UNIVERSITY CAMPUS,  
**AURANGABAD-431 004**  
(MAHARASHTRA (INDIA))

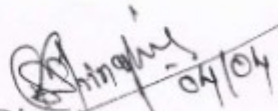
PH.D. OFFICE : (0240)2403122,  
 BCUD OFFICE : (0240)2403223  
 REGISTRAR OFFICE: (0240)2403334  
 FAX (BCUD) : (0240)2403224 & 2403335  
 EMAIL : [BCUD\\_OFFICE@BAMU.AC.IN](mailto:BCUD_OFFICE@BAMU.AC.IN)  
 WEB SITE : [WWW.BAMU.NET](http://WWW.BAMU.NET)  
 TELEGRAM : BAMUSITY

**CERTIFICATE**

It is hereby certified that, the Ph.D. awarded to **Miss. Vaishali Sidram Chatage** is in compliance of the provisions of UGC (Minimum Standards and Procedure for the award of Ph.D. Degree Regulations 2009)

This certificate is issued in the light of UGC directive F.No. 1/1/2002 (PS) Pt file III dated 28, August 2009 and as per the decision of the Academic Council held on 22/23-12-2009.

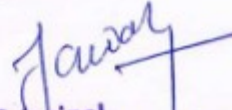
Name of the Candidate	<b>Miss. Vaishali Sidram Chatage</b>
Name of the Degree	<b>Ph.D.</b>
Subject / Faculty	<b>Botany / Science</b>
Title of the Thesis	<b>"STUDIES ON MANAGEMENT OF SOME IMPORTANT FUNGAL DISEASES OF IVY GOURD (<i>COCCINIA INDICA</i> WIGHT &amp; ARN.)."</b>
Name of the Research Guide	<b>Dr. U.N. Bhale,</b>
Date of Award of Degree	<b>March 28, 2013,</b>


  
 Director,  
 Board of College &  
 University Development

Ref. No. :-P.G./Ph.D./2012/---169---

Date :- 28-3-2013

Aurangabad.

  
 Principal  
 Kai. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

  
 IQAC-COORDINATOR  
 Kai. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur





We,  
 the Chancellor, Vice-Chancellor  
 and Members of the Management Council of  
**Dr. Babasaheb Ambedkar Marathwada University,**  
 Aurangabad (Maharashtra State), India  
 Certify that the withinsigned [Signature]

Vaishali Susham Chatur

Student of Dr. Babasaheb Ambedkar Marathwada Univ. A. B.  
 who has been found duly qualified for the Degree of  
 Doctor of Philosophy ( Botany )

The Degree of

**Doctor of Philosophy**

( Botany )

has been conferred on her at Aurangabad, on the  
eleventh day of the month of December in the year  
two thousand thirteen

In Testimony whereof are set the Seal of the said University  
 and the signature of the said Vice-Chancellor.

Date of Notification March 28, 2013  
 Place: Aurangabad  
 Date of issue of the  
 Degree Certificate 11/12/2013

[Signature]  
 Vice-Chancellor



[Signature]  
 Principal  
 Kai. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

[Signature]  
 PRINCIPAL  
 Kai. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

[Signature]  
 IQAC-COORDINATOR  
 Kai. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

AB9203



### NOTIFICATION

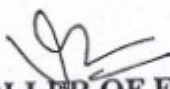
It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:

“लातूर जिल्हयातील नगर परिषदांच्या वित्तीय व्यवस्थापनाचा तुलनात्मक अभ्यास”

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of :

### DOCTOR OF PHILOSOPHY (Ph.D.)

Name of the Candidate	:	Dengale Sulochana Shivrajappa
Date of Registration	:	29/06/ 2009
Topic of Research	:	“लातूर जिल्हयातील नगर परिषदांच्या वित्तीय व्यवस्थापनाचा तुलनात्मक अभ्यास”
Guide	:	Dr.P.N.Sagar
Subject	:	Commerce
Faculty	:	Commerce
Viva Voce Held on	:	Dec-14, 2012
Eligibility No.	:	Ph.D/Comm/June-09/10-24 Date: May 5, 2010

  
CONTROLLER OF EXAMINATIONS

Copy forwarded with compliments to :

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
03. The Secretary Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
04. The Editor, University Association of Indian Universities, AIU House,16 Kotla Marg, New Delhi-110 002.
05. The Dean of concerned faculty.
06. The Controller of Examinations, this University
07. Research Guide : Dr.P.N.Sagar
08. Researcher : Dengale Sulochana Shivrajappa
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.

  
Principal

Kai.Rasika Mahavidyalaya,Deoni  
Tq.Deoni Dist.Latur



  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

**Dr. Babasaheb Ambedkar Marathwada University****AURANGABAD-431 004, MAHARASHTRA (INDIA)**

NAAC ACCREDITED A

BCUD Office : (0240)2403223  
 Registrar Office: (0240)2403334  
 Fax (BCUD) : (0240)2403224 & 2403335  
 E-mail: [bcud.office@bamu.ac.in](mailto:bcud.office@bamu.ac.in)  
 Ph.D. Office : (0240)2403122  
 Ph.D. E-mail: [phdsection@bamu.ac.in](mailto:phdsection@bamu.ac.in)  
 Web Site : [www.bamu.ac.in](http://www.bamu.ac.in)



UNIVERSITY CAMPUS,  
 AURANGABAD-431 004  
 (Maharashtra) INDIA

**NOTIFICATION**

*It is hereby notified that, the thesis entitled, "STUDIES ON THE STRUCTURAL, ME EFFECT AND DIELECTRIC PROPERTIES OF SOME FERRIMAGNETIC-FERROELECTRIC COMPOSITES" submitted by Ms. Renuka Apparao Kunale has been accepted by this University for award of Ph.D. Degree in Physics under the faculty of Science. Ms. Renuka Apparao Kunale has been declared eligible for the award of the said Degree. The candidate submitted her thesis under the guidance of Dr. D.R. Mane, Research Guide in Physics and Registrar, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.*

University Campus,  
 Aurangabad.

Ref.No. PG/Ph.D./July-2009/Physics/  
 2014/ 6014 - 24 -

Date :- August 01, 2014

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 \*\*\*\*

Director  
 (BCUD)

Principal  
 Kal. Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

P.T.O.



COORDINATOR  
 Kal. Rasika Mahavidyalaya, Deoni  
 Deoni Dist. Latur



We,  
the Chancellor, Vice-Chancellor  
and Members of the Management Council of  
**Dr. Babasaheb Ambedkar Marathwada University,**  
Aurangabad (Maharashtra State), India

Certify that the withinsigned

*(Kumel)*

----- *Remuka Apparao Kumale* -----  
Student of *Dr. Babasaheb Ambedkar Marathwada Univ. U's*  
who has been found duly qualified for the Degree of  
Doctor of Philosophy (----- *Physics* -----)

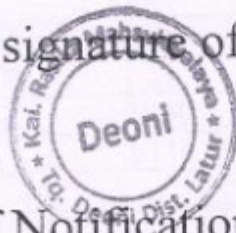
The Degree of

**Doctor of Philosophy**

(----- *Physics* -----)

has been conferred on ----- *her* ----- at Aurangabad, on the  
*twenty seventh* day of the month of *March* in the year  
*two thousand fifteen* :-----

In Testimony whereof are set the Seal of the said University  
and the signature of the said Vice-Chancellor.



*(Signature)*  
Principal  
Kai. Rasika Mahavidyalaya  
Deoni Tal. Deoni Dist. Latur

Date of Notification *August 01, 2014.*

Place: Aurangabad

Date of issue of the

*(Signature)*  
IQAC-COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Ta. Deoni Dist. Latur

*B Achopade*



॥ सा विद्या या विमुक्तये ॥

# स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

"ज्ञानतीर्थ" परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**

"Dnyanteerth", Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September, 1994 - Recognized by the UGC U/s 2(f) and 2(i), NAAC Re-accredited with 'A' Grade

## PG SECTION

Phone: (02462) 229542  
Fax : (02462) 229574

website: srtmun.ac.in

e-mail: dr.pg.srtmun@gmail.com

Ref.No.: PG/Ph.D./2016-17/3096-8

Date : 30.01.2017

## NOTIFICATION

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:


राष्ट्रीय मैदानी स्पर्धेमधील ११० मीटर हर्डल्स व ४०० मीटर हर्डल्स धावकाचे  
कार्यमान आणि त्यांची शरीरमापे यांचा सहसंबंधात्मक अभ्यास.

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of:

### DOCTOR OF PHILOSOPHY (Ph.D.)


### SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

Name of the Candidate : Chamle Sachin Subhashrao  
Date of Registration : 12/11/2013  
Topic of Research : राष्ट्रीय मैदानी स्पर्धेमधील ११० मीटर हर्डल्स व ४०० मीटर हर्डल्स धावकाचे  
कार्यमान आणि त्यांची शरीरमापे यांचा सहसंबंधात्मक अभ्यास.  
Guide : Dr. P.N. Deshmukh  
Subject : Physical Education  
Faculty : Physical Education  
Viva Voce Held on : January 30, 2017  
Eligibility No. : Ph.D/Physical Edu./Nov.-13/39 Date: 26/05/2014

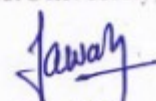
  
CONTROLLER OF EXAMINATIONS

Copy forwarded with compliments to :

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
03. The Secretary Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
04. The Editor, University Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
05. The Co-Ordinator of concerned faculty.
06. The Controller of Examinations, this University
07. Research Guide : Dr.Deshmukh P. N.
08. Researcher : Chamle Sachin Subhashrao
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.
11. Research Centre : School of Educational Sciences, S. R. T.M.University, Nanded.

  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



  
Principal  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Sr. No. Q1- 0000250



Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

## Doctor of Philosophy

In the faculty of Physical Education (Physical Education) has been conferred on Chamle Sachin Subhashrao on Twenty Sixth February Two Thousand Seventeen who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

चामले सचिन सुभाषराव

हे/ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरु, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

शारीरिक शिक्षण ( शारीरिक शिक्षण )

विद्याशाखांतर्गत

## विद्यावाचस्पती

ही पदवी दिनांक सव्वीस फेब्रुवारी दोन हजार सतरा रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

IQAC-COORDINATOR

Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Date: 8th May, 2017

Place: Nanded, Maharashtra State, Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



Vice-Chancellor





॥ सा विद्या या विमुक्तये ॥

## स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

"जानतीर्थ" परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**

"Dnyanteerth", Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September, 1994 - Recognized by the UGC U/s 2(f) and 12(B); NAAC Re-accredited with 'A' Grade

**PG SECTION**

website: srtmun.ac.in

e-mail: dr.pg.srtmun@gmail.com

Phone: (02462) 229542  
Fax : (02462) 229574

### CERTIFICATE

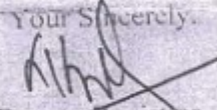
It is hereby certified that the Ph.D. awarded to **Chamle Sachin Subhashrao** is equivalent to the provisions of the UGC {Minimum Standards and Procedure for the award of Ph.D. degree Regulation 2009 (III Amendment)}.

This certificate is issued in the light of UGC directives F.No.1/1/2002 (PS) Pt file III dated 28<sup>th</sup> August 2009 and as per the decision of Academic Council of this University in its meeting held on April 26, 2010

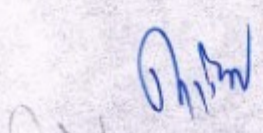
Name of the Candidate	<b>Chamle Sachin Subhashrao</b>
Name of the Degree	Ph.D.
Subject	Physical Education
Faculty	Physical Education
Title of the Thesis	राष्ट्रीय मैदानी स्पर्धेमधील ११० मीटर हर्डल्स व ४०० मीटर हर्डल्स धावकाचे कार्यमान आणि त्यांची शरीरमापे यांचा सहसंबंधात्मक अभ्यास.
Name of the Guide /Supervisor	Dr. P. N. Deshmukh
Date of Notification	30/01/ 2017
Date of Course Work	17 November 2015

Ref.: PG/Ph.D./Phy. Edu./2016-17/ 5535 )  
Date: 05/05/2017 )  
10/6/2017 )

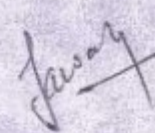
Your Sincerely,

  
Deputy Registrar  
P.G. Section

To,  
**Dr. Chamle Sachin Subhashrao**  
Sant Tukaram Society, Degloor Road,  
Udgir. Dist. Latur.

  
**IQAC-COORDINATOR**  
Kai.Rasika Mahavidyalaya, Deoni  
Ta. Deoni Dist. Latur



  
Principal  
Kai.Rasika Mahavidyalaya, Deoni



॥ सा विद्या या विमुक्तये ॥

# स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

"ज्ञानतीर्थ" परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (मराठवाडा)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED

"Dnyanteerth", Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September 1994 - Recognized by the UGC U/S 2(f) and 12(B), NAAC Re-accredited with 'A' Grade

## PG SECTION

Phone: (02462) 229542  
Fax : (02462) 229574

website: srtmun.ac.in

e-mail: dr.pg.srtmun@gmail.com

Ref.No.: PG/Ph.D./2018-19/ 5930-07

Date : 27/11/2018

## NOTIFICATION

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the thesis entitled:

सत्यशोधकी जलशांचा सांस्कृतिक अभ्यास

submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of :

DOCTOR OF PHILOSOPHY (Ph.D.)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

Name of the Candidate : Bhande Prashant Sundarrao  
Date of Registration : 20/09/ 2010  
Topic of Research : सत्यशोधकी जलशांचा सांस्कृतिक अभ्यास  
Guide : Dr. Vithal Jambale  
Subject : Marathi  
Faculty : Humanities  
Viva Voce Held on : 27/11/2018  
Eligibility No. : Ph.D./Mar./Sept.-10/11-29 date 27/1/2012

  
Director

Board of Examinations & Evaluation

Copy forwarded with compliments to :

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
03. The Secretary Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
04. The Editor, University Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110 002.
05. The Co-Ordinator of concerned faculty.
06. Director, Board of Examinations & Evaluation, this University
07. Research Guide : Dr. Vithal Jambale
08. Researcher : Bhande Prashant Sundarrao
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.
11. Research Centre : School of Language & Literature, SRTMU, Nanded.

  
IQAC-COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



Sr. No. Q1- 0001109



# Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

## Doctor of Philosophy

In the faculty of Humanities (Marathi) has been conferred on **Bhande Prashant Sundarrao** on Twenty Sixth February Two Thousand Nineteen who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

### स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नंदेड

भंडे प्रशांत सुंदरराव हे/ह्या  
विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरु, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

विद्याशाखांतर्गत

मानवविज्ञान ( मराठी )


## विद्यावाचस्पती

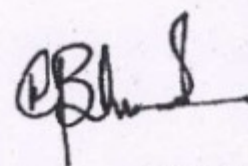
ही पदवी दिनांक सव्वीस फेब्रुवारी दोन हजार एकोणीस रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Date : 25th October, 2019

Place: Nanded, Maharashtra State, India.

  
Principal  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Dr. Udhav V. Bhosle  
Vice-Chancellor





SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,  
"DNYANTEERTH" VISHNUPURI, NANDED (M. S.)

Ref. No. : PG/Ph.D./2013-2014/ 2-990-8

Date : 26/12/2013

**NOTIFICATION**


It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:

"Vandalism in University Libraries in Maharashtra : An Analytical Study"

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of :

**DOCTOR OF PHILOSOPHY (Ph.D.)**  
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

Name of the Candidate : **Sontakke Shivaji Narayanrao**  
Date of Registration : 12/02/2011  
Topic of Research : "Vandalism in University Libraries in Maharashtra : An Analytical Study"  
Guide : Dr. Veer D.K.  
Subject : Library and Information Science  
Faculty : Social Sciences  
Viva Voce Held on : 26/12/2013  
Eligibility No. : Ph.D./Lib & info-Sci./Feb.-11/11-04 Lr. Dt. 23/02/2012

  
CONTROLLER OF EXAMINATIONS

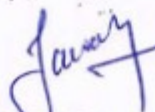
Copies forwarded with compliments to :

1. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
2. The Joint Secretary U.G.C., Western Regional Center Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
3. The Secretary, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi - 110002
4. The Editor, University Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110002.
5. The Dean of concerned faculty.
6. The Controller of Examinations, this University
7. Research Guide : Dr. Veer D.K.
8. Researcher : Sontakke Shivaji Narayanrao
9. Convocation Section, this University
10. The University Librarian with copy of the thesis

Lect. in \_\_\_\_\_  
Lal Bahadur Shastri Mahavidyalaya  
DHARMABAD DT. NANDED M. S.

  
Principal

Kai.Rasika Mahavidyalaya  
Deoni Dist.Latur

  
Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur



  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

**Doctor of Philosophy**

In the faculty of Social Sciences (Library & Information Science) has been conferred on **Sonabke Shivaji Narayanrao** on **Seventeenth January Two Thousand Fourteen** who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

**स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड**

सोनटक्के शिवाजी नारायणराव

हे / ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरू, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

सामाजिक शास्त्रे (ग्रंथालय व माहितीशास्त्र)

विद्याशाखांतर्गत

**विद्यावाचस्पती**

ही पदवी दिनांक सतरा जानेवारी दोन हजार चौदा

रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

Date of issue: 17th April, 2014

२३१२५९३९९७

Vice-Chancellor

3171



**Principal**  
Kai.Rasika Mahavidyalaya  
Deoni Dist.Latur

**Principal**  
Kai.Rasika Mahavidyalaya  
Deoni Tq.Deoni Dist.Latur

**IQAC-COORDINATOR**

Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

# Dr. Babasaheb Ambedkar Marathwada University

AURANGABAD-431 004. MAHARASHTRA (INDIA)  
NAAC ACCREDITED A

BCUD Office : (0240)2403223  
Registrar Office : (0240)2403334  
Fax (BCUD) : (0240)2403224 & 2403335  
E-mail : [bcud.office@bamu.ac.in](mailto:bcud.office@bamu.ac.in)  
Ph.D. Office : (0240)2403122  
Ph.D. E-mail : [phdsection@bamu.ac.in](mailto:phdsection@bamu.ac.in)  
Web Site : [www.bamu.ac.in](http://www.bamu.ac.in)



UNIVERSITY CAMPUS,  
AURANGABAD-431 004  
(Maharashtra) INDIA

## NOTIFICATION

It is hereby notified that, the thesis entitled, "COMPARATIVE STUDY OF INDUCED BREEDING BY THE APPLICATION OF PITUITARY EXTRACT AND OVAPRIM IN CATLA CATLA (HAM)" submitted by **Mr. More Purushottam Rambhau** has been accepted by this University for award of Ph.D. Degree in **Zoology** under the faculty of **Science**. Mr. More Purushottam Rambhau has been declared eligible for the award of the said Degree. The candidate submitted his thesis under the guidance of Dr. D. L. Sonawane, Research Guide, Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

University Campus,  
Aurangabad.

Ref.No. PG/Ph.D./Dec-2007/Zoology/  
2014/ 6784-94

Date: - **August 13, 2014**

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\*\*\*\*

  
Director,  
(BCUD)

  
**IQAC-COORDINATOR**  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



  
**Principal**  
Kal.Rasika Mahavidyalaya  
Deoni Dist.Latur

**Copy forwarded with compliments for information to :-**

- 1] The Secretary, University Grants Commission, New Delhi.
- 2] The Secretary, Association of Indian Universities, Rouse Avenue, New Delhi.
- 3] The Deputy Secretary, (Library & Documentation), Association of Indian Universities, AIU 16 Kotla Marg, New Delhi.
- 4] The Director, Information & Library Network Centre (INFLIBNET), Near Gujarat University, Guest House, P.B. No. 4116, Navrangpura, Ahmedabad - 380 009.
- 5] Dr. Ashok Mohekar, Dean, Faculty of Science, Shikshan Maharshi Dnyandeorao Mohekar Mahavidyalaya, Kallam, Dist. Osmanabad.
- 6] Dr. B. D. Joshi, Department of Zoology, Gurukul Kangari University, Haridwar-249 404.
- 7] Dr. Baban Ingole, Chief Scientist, National Institute of Oceanography, Dona Paula, Goa-403 004.
- 8] Dr. D. L. Sonawane, Research Guide, Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 9] The Head, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 10] The Librarian, University Library, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 11] Copy to the Assistant Superintendent, (Convocation Unit), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

**Dr. Babasaheb Ambedkar Marathwada University**  
**AURANGABAD- 431 004. MAHARASHTRA (INDIA)**  
 NAAC ACCREDITED A

BCUD Office : (0240) 2403223  
 Registrar Office : (0240) 2403334  
 Fax (BCUD) : (0240) 2403224 & 2403335  
 E-mail : [bcud\\_office@bamu.ac.in](mailto:bcud_office@bamu.ac.in)  
 Ph.D. Office : (0240) 2403122  
 Ph.D. E-mail : [phdsection@bamu.ac.in](mailto:phdsection@bamu.ac.in)  
 Web Site : [www.bamu.ac.in](http://www.bamu.ac.in)



UNIVERSITY CAMPUS,  
 AURANGABAD-431 004  
 (Maharashtra) INDIA

**CERTIFICATE**

It is hereby certified that, the Ph.D. awarded to **Mr. More Purushottam Rambhau** is in compliance of the provisions of UGC (Minimum Standards and Procedure for the award of Ph.D. Degree Regulations 2009)

This certificate is issued in the light of UGC directive F.No. 1/1/2002 (PS) Pt file III dated 28, August 2009 and as per the decision of the Academic Council held on 22/23-12-2009.

Name of the Candidate	<b>Mr. More Purushottam Rambhau</b>
Name of the Degree	<b>Ph.D.</b>
Subject / Faculty	<b>Zoology / Science</b>
Title of the Thesis	<b>"COMPARATIVE STUDY OF INDUCED BREEDING BY THE APPLICATION OF PITUITARY EXTRACT AND OVAPRIM IN CATLA CATLA (HAM)"</b>
Name of the Research Guide	<b>Dr. D. L. Sonawane,</b>
Date of Award of Degree	<b>August 13, 2014</b>

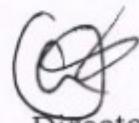
  
**IQAC-COORDINATOR**  
 Kai.Rasika Mahavidyalaya, Deoni  
 Tq. Deoni Dist. Latur

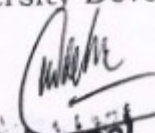
Ref. No. :- P.G./Ph.D./2014/7344

Date :- 05/09/14

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**Principal**  
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 Director,  
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**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,  
"DNYANTEERTH" VISHNUPURI, NANDED (M. S.)**

Ref.No.: PG/Ph.D./2014-2015/ 2667-7

Date : 27/01/2015

**NOTIFICATION**

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:

“दालमिलच्या आर्थिक उलाढालीचा अभ्यास (विशेष संदर्भ— लातूर जिल्हा)”

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of :

**DOCTOR OF PHILOSOPHY (Ph.D.)  
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY**

Name of the Candidate : **Mr. Somani Gopal Vishnudas**  
Date of Registration : **22/07/2009**  
Topic of Research : “दालमिलच्या आर्थिक उलाढालीचा अभ्यास (विशेष संदर्भ— लातूर जिल्हा)”  
Guide : **Dr. Avinash D. Sarnaik**  
Subject : **Commerce**  
Faculty : **Commerce**  
Viva Voce Held on : **24/01/2015**  
Eligibility No. : **Ph.D./Comm./July-09/54. Dt. 14/12/2009**


  
**CONTROLLER OF EXAMINATIONS**

Copy forwarded with compliments to :

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center Aundh Road, Ganeshkhind, University Campus, Pune - 411 007.
03. The Secretary, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi -110002
04. The Editor, University Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi-110002.
05. The Dean of concerned faculty.
06. The Controller of Examinations, this University
07. Research Guide : **Dr. Avinash D. Sarnaik**
08. Researcher : **Mr. Somani Gopal Vishnudas**
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.



  
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# Dr. Babasaheb Ambedkar Marathwada University

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AURANGABAD-431 004  
(Maharashtra) INDIA

## NOTIFICATION


It is hereby notified that, the thesis entitled, "A NEW APPROACH TO SOLVE ASSIGNMENT PROBLEM USING MATLAB (SOME PROBLEM)" submitted by **Mr. Yogesh Manohar Muley** has been accepted by this University for award of Ph.D. Degree in **Mathematics** under the faculty of **Science**. Mr. Yogesh Manohar Muley has been declared eligible for the award of the said Degree. The candidate submitted his thesis under the guidance of Dr. K. P. Ghadle, Research Guide, Associate Professor, Department of Mathematics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

University Campus,  
Aurangabad.

Ref.No. PG/Ph.D./July-2013/Math/  
2016/ 20405-15

Date :- **March 09, 2016**


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Director  
(BCUD)



P.T.O.

  
IQAC-COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
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(Maharashtra) INDIA

**CERTIFICATE**

It is hereby certified that, the Ph.D. awarded to **Mr. Yogesh Manohar Muley** is in compliance of the provisions of UGC (Minimum Standards and Procedure for the award of Ph.D. Degree Regulations 2009)

This certificate is issued in the light of UGC directive F.No. 1/1/2002 (PS) Pt file III dated 28, August 2009 and as per the decision of the Academic Council held on 22/23-12-2009.

Name of the Candidate	<b>Mr. Yogesh Manohar Muley</b>
Name of the Degree	<b>Ph.D.</b>
Subject / Faculty	<b>Mathematics /Science</b>
Title of the Thesis	<b>"A NEW APPROACH TO SOLVE ASSIGNMENT PROBLEM USING MATLAB (SOME PROBLEM)"</b>
Name of the Research Guide	<b>Dr. K. P. Ghadle</b>
Date of Registration	<b>July-2013</b>
Date of Notification	<b>March 09, 2016</b>



**IQAC-COORDINATOR**  
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Board of College &  
University Development

Ref. No. :-P.G./Ph.D./2016/-21387

Date :- 30/03/16

Aurangabad.

**Principal**  
Kal.Rasika Mahavidyalaya,Deoni  
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We,  
the Chancellor, Vice-Chancellor  
and Members of the Management Council of  
**Dr. Babasaheb Ambedkar Marathwada University,**  
Aurangabad (Maharashtra State), India

Certify that the withinsigned

----- Yogesh Manohar Muley -----  
who has been found duly qualified for the Degree of  
Doctor of Philosophy (----- Mathematics -----)

The Degree of

**Doctor of Philosophy**

(----- Mathematics -----)

(Under the Faculty of ----- Science -----)

has been conferred on ----- him ----- at Aurangabad, on the  
twentyseventh day of the month of ----- march ----- in the year  
two thousand, sixteen : -----

In Testimony whereof are set the Seal of the said University  
and the signature of the said Vice-Chancellor.

Date of Notification march 09, 2016.

Place: Aurangabad

Date of issue of the  
Degree Certificate 27 MAR 2016

Vice-Chancellor

