

# Savitribai Phule University, Kolhapur



the Chancellor, Vice-Chancellor and  
Members of the Management Council on  
the recommendation of the Academic Council certify that

*Jadhar Hanmant Shamrao  
Mother's Name - Kashibai  
has been awarded the degree of*



*Doctor of Philosophy  
in Civil Engineering  
in the faculty of Engineering & Technology  
on 26<sup>th</sup> March 2012.*

*The said degree has been conferred on him  
at Kolhapur in the Winter Session  
of the year Two Thousand Thirteen.*

*In testimony whereof are set the seal of the  
university and the signatures of  
the Registrar and the Vice-Chancellor.*

*Shinde*  
Registrar



*Pawar*  
Vice-Chancellor

Sr. No. -B-12 30943

*YK*  
**DIRECTOR**  
K. E. Society's  
Rajarambapu Institute of Technology  
An Autonomous Institute  
Rajaramnagar, Sakharale, (Islampur)



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

जाधव हिम्मत तुकाराम

को एतद्वारा विद्युत अभियांत्रिकी में

### विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभियद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि,  
आवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा  
मई, २०१६ में अपने प्रांगण-निवंध के सफल प्रक्षयोषण के उपरांत,  
सूरत, भारतीय गणराज्य में आज वार्डम जनवरी, २०१७ को दी गई है।

Upon recommendation of the Senate  
hereby confers the degree of  
**Doctor of Philosophy**  
in Electrical Engineering  
on

Jadhav Himmat Tukaram

who has fulfilled the requirements for the degree as prescribed under the  
regulations and has successfully defended in May, 2016, the thesis entitled:  
**Probabilistic Approach to Economic Dispatch of Power Plants and Optimal  
Power Flow of Power Systems Incorporating Wind Power and V2G Source**

Given this day, under the seal of the Institute at Surat  
in the Republic of India, the Twenty Second of January, 2017.



Registrar

Chairman,  
Senate

Chairperson,  
Board of Governors

DIRECTOR

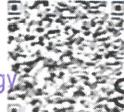
K. E. Society's

Rajarambapu Institute of Technology

An Autonomous Institute

Rajaramnagar, Sakharale, (Islampur)

Sr No.: D10EL703R/2017



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# मालवीय राष्ट्रीय प्रौद्योगिकी संरथान जयपुर

अभिषद् की अनुशंसा पर

कलखांबकर वैजू नागे  
को

## विद्या वाचस्पति

की उपाधि प्रदान करता है।  
शोधप्रबंध शीर्षक

ऑप्टीमल साइजिंग एण्ड प्लेसमेंट ऑफ एनर्जी स्टोरेज इन कोर्डिनेशन विद रिन्युएबल डिस्ट्रीब्यूटेड  
जनरेशन

आज भारतीय गणराज्य के अन्तर्गत जयपुर में यह उपाधि दी गई है।  
दिनांक ६ जनवरी, २०१८

**Malaviya National Institute of Technology Jaipur**

upon the recommendation of the Senate confers on

**Kalkhambkar Vaiju Nago**

the degree of

**Doctor of Philosophy**

Thesis title in

*Optimal Sizing and Placement of Energy Storage in Coordination with  
Renewable Distributed Generation*

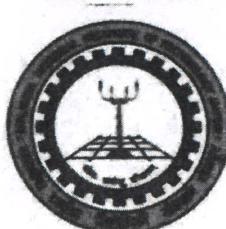
Given this day at Jaipur in the Republic of India

The 6th January, 2018

*[Signature]*

**DIRECTOR**

K. E. Society's  
Rajarambapu Institute of Technology  
An Autonomous Institute  
Rajaramnagar, Sakharale, (Islamabad)



*[Signature]*  
कूलसचिव  
Registrar

*LL-1M*  
निदेशक एवं अध्यक्ष अभिषद्  
Director & Chairman Senate

*[Signature]*  
अध्यक्ष शासी परिषद्  
Chairperson Board of Governors

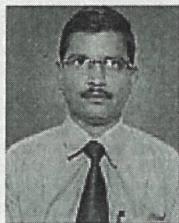


# Shivaji University, Kolhapur



the Chancellor, Vice-Chancellor and  
Members of the Management Council on  
the recommendation of the Academic Council certify that

*Patil Mahadev Satappa*  
Mother's Name - Chandrabhaga  
has been awarded the degree of



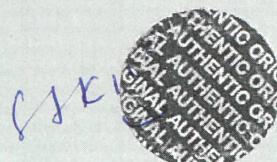
## Doctor of Philosophy

in Electronics & Tele-communication  
in the faculty of Engineering & Technology  
on 18<sup>th</sup> July 2014.

The said degree has been conferred on him  
at Kolhapur in the Winter Session  
of the year two thousand fifteen.

In testimony whereof are set the seal of the  
university and the signatures of  
the Registrar and the Vice-Chancellor.

Registrar



DIRECTOR

K. E. Society's

Vice - Chancellor



# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the senate hereby confers the degree of

## Doctor of Philosophy

on

**Kakade Anandrao Bajirao**

in recognition of the research work on

***Modal Analysis and Mode Excitation of Multilayer Hemispherical Dielectric Resonator Antennas using an Efficient Computation Technique***

Given under the seal of the Institute at Kharagpur on the Seventeenth day of July, Two Thousand and Ten

*PRW*

DIRECTOR  
K. E. Society's  
Rajarambpu Institute of Technology  
An Autonomous Institute  
Rajaramnagar, Sakharale, (Islampur)

*Q. S.*  
Registrar



*H. Chary*  
Director

# Shivaji University, Kolhapur

**WE** the Chancellor, Vice-Chancellor and  
Members of the Management Council on  
the recommendation of the Academic Council certify that

Kumbhar Mahesh Shivajirao  
Mother's Name - Shanta  
has been awarded the degree of



## Doctor of Philosophy

in Electronics Engineering  
in the faculty of Engineering & Technology  
on 8<sup>th</sup> September 2016.

The said degree has been conferred on him  
at Kolhapur in the Winter Session  
of the year two thousand seventeen.

In testimony whereof are set the seal of the  
university and the signatures of  
the Registrar and the Vice-Chancellor.

Registrar



DIRECTOR

K. E. Society's  
Rajarambapu Institute of Technology  
An Autonomous Institute  
Rajaramnagar, Sakharale, (Islampur)

Vice-Chancellor

55648

Sr.No. : B-16 :

**Sant Longowal Institute of Engineering and Technology**  
**(Deemed University, Under MHRD, Govt. of India)**  
**Longowal, Distt. Sangrur (Punjab) -148106**

Upon recommendation of the Senate hereby confers the degree of  
**Doctor of Philosophy**

JUGULKAR LALIT KUMAR MAIKULAL  
 Son of Sh. MAIKULAL

**THESIS TITLE : ANALYSIS OF SUSPENSION WITH VARIABLE STIFFNESS AND VARIABLE DAMPING FORCE FOR AUTOMOTIVE APPLICATIONS**

Given this day, the 7<sup>th</sup> April, 2017, under the seal of the Institute at Longowal in the Republic of India.

## संत लौगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

अधिष्ठ की अनुशंसा पर  
**विद्या वाचस्पति**  
 की उपाधि एतद द्वारा  
**जुगूलकर ललित कुमार मैकुलाल**  
 सुपुत्र श्री मैकुलाल  
 को प्रदान करता है।

**शोध प्रबन्ध शीर्षक :** अनैलिसिस ऑफ सस्पेंशन विद् वेरिएबल स्टिफनेस एंड वेरिएबल डंपिंग फोर्स फॉर ऑटोमोटिव एप्लीकेशन्स

सात अप्रैल सन दो हजार सतरह को भारतीय गणराज्य के अधीन लौगोवाल में स्थित संस्थान की मुद्रा अंकित यह उपाधि प्रदान की गयी।

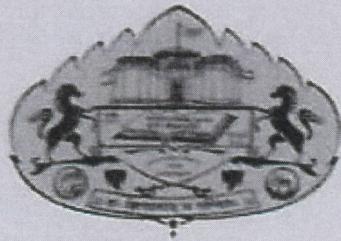
*J. Panigrahi*  
 कुल सचिव  
 Registrar

*M. Jain*  
 निदेशक एवं अध्यक्ष, अधिष्ठ  
 Director & Chairman, Senate

*D. Bhawani*  
 अध्यक्ष, प्रबंधन मंडल  
 Chairman, Board of Management

K. E. Society's  
 Rajarambpu Institute of Technology  
 An Autonomous Institute  
 Rajaramnagar, Sakharale, (Islamabad)





# Savitribai Phule Pune University

(formerly University of Pune)

We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the Savitribai Phule Pune University certify that

Desai Sandeep Rangrao, Father's Name: Malan

having been examined and found duly qualified for the degree of

**Doctor of Philosophy**

(Mechanical)

The said degree has been conferred on him. In testimony whereof is set the seal of the said University.

## सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

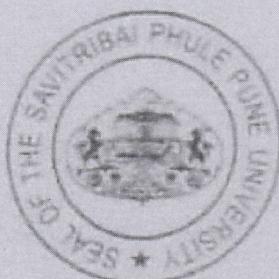
आम्ही, सावित्रीबाई फुले पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद त विद्या परिषद सदस्य, प्रमाणित करितो की,

देसाई संदीप रंगराव, आईचे नाव: मालन

विद्यावाचस्पती

( गांत्रिक )

पदवीस पात्र झाल्यावद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.



*GMK*

**DIRECTOR**

K. E. Society's

Rajarambapu Institute of Technology  
An Autonomous Institute  
Rajaramnagar, Sakharale, (Islampur)

*H. P. D. R.*

*Vice Chancellor*

08th January 2020

S-EN-00072