

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

*Sandhya N*

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Computer and Information Sciences

*for the thesis entitled*

Development of algorithms for recognition of Degraded  
historical Kannada scripts

*in recognition of the fulfillment of requirements  
for the said degree*

PH  
13 000898

Given under the seal of the University

USN: 1DS10PEN13



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

*Starlow*  
PRINCIPAL  
CITY ENGINEERING COLLEGE  
\*kapura Main Road, BANGALORE - 560 061

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Scanned with OKEN Scanner



ROYAL ASHWINA UNIVERSITY

WILSON ROAD, BANGALORE - 560 061

CONTACT NO: 98453 33333

PROVISIONAL CERTIFICATE

*Certified that*

**RAJASEKHAR REDDY NANDI REDDY**

*has obtained the award of Degree of*

**Ph.D Computer Science and Engineering**

*by the having satisfactory manner the post-graduate course at S.O. of*

*University Final Examination held in*

**March 2019**

*Skulkar*  
PRINCIPAL  
CITY ENGINEERING COLLEGE  
Kanakapura Main Road, BANGALORE - 560 061



அண்ணாமலைப்  
ANNAMALAI



பல்கலைக்கழகம்  
UNIVERSITY

பொறியியல் புலம்  
FACULTY OF ENGINEERING & TECHNOLOGY



00137404

மே, 2011 இல் கணிப்பொறி அறிவியல் மற்றும் பொறியியல் பிரிவில்  
நடத்திய தேர்வுகளில் வெங்கடேசன் கே. ஜி. எஸ்.  
தேர்ச்சியடைந்த ஆய்வுகலை மதிப்பீட்டுறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர்  
என்றறித்தப்படி ஆய்வியல் அறிஞர் படம் பெறுவதற்கு உரியவர் ஆகிறார் என  
அண்ணாமலைப் பல்கலைக்கழக ஆளவை இதன்வழி அறிவிக்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes known  
that VENKATESAN K.G.S. has been admitted to the  
Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE & ENGINEERING,  
he/she having been certified by duly appointed Board of Examiners who valued  
his/her thesis to be qualified to receive the same, in MAY -2011.

TITLE OF THE THESIS :

Analytical Study on Improvement of E-Commerce Sales Using  
Web-mining Technologies in SNS

அண்ணாமலைநகர்

Annamalainagar

நாள்:

Dated : 09/02/2012

குணைத் தேர்வுகலையாளர் (கல்வி காரிந்த)  
Dy. Controller of Examinations Academic

பதிவாளர்  
Registrar

துணைவேந்தர்  
Vice-Chancellor



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**Sridhara S B**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Computer and Information Sciences

*for the thesis entitled*

**Efficient Routing Techniques for Power Optimization In  
Mobile AD HOC Networks**

*in recognition of the fulfillment of requirements  
for the said degree*

PH  
13 001059

Given under the seal of the University

USN: 4MC11PEM01



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

JUC 90032



**JAIN**

DEEMED-TO-BE UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956  
vide MHRD Notification No. F-9-57/2007-UX(A)

*We, the Chancellor, Vice Chancellor,  
Members of the Board of Management &  
Academic Council certify that*

**Shalini Prasad**

*having been examined in April-2019  
with Reg. No. 131PPEE025  
has been conferred with the Degree of*

**DOCTOR OF PHILOSOPHY  
in Electronics Engineering**

*by Jain (Deemed-to-be University), Bengaluru  
on the 26<sup>th</sup> day of the month of August 2019.  
In Testimony whereof are set the seal of the  
said University and the signature of the  
said Vice Chancellor*

**जैन**

अभिमत पात्र विश्वविद्यालय

विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 के अनुच्छेद 3 के अन्तर्गत प्रत्यक्ष संस्थापन विश्वविद्यालय के रूप में  
अभिमत पात्र संख्या एफ. 9-57/2007- यू 3(ए) के द्वारा अभिमत पात्र विश्वविद्यालय के रूप में घोषित

हम, कुलाधिपति, कुलपति, प्रबन्धन  
समिति एवं शैक्षिक परिषद् के सदस्य  
प्रमाणित करते हैं कि

**शालिनी प्रसाद**

जिनकी पंजीयन संख्या 131PPEE025 है,  
अप्रैल - २०१९ के परीक्षोपरांत

**पीएच. डी.**

विद्युन्मान अभियांत्रिकी

की उपाधि में उत्तीर्ण हुए।

जैन (अभिमत पात्र विश्वविद्यालय), बेंगलूरु की ओर से  
दिनांक २६ अगस्त २०१९ को इन्हें यह उपाधि  
प्रदान की गई है, जिसके प्रमाण स्वरूप उक्त  
विश्वविद्यालय की मोहर एवं  
उक्त कुलपति के हस्ताक्षर अंकित हैं।



*N. Sundaraj*  
Vice Chancellor

*डॉ. सुन्दरराज*  
कुलपति

Date : 26.08.2019



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**S Karunakara**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Mechanical Engineering Sciences

*for the thesis entitled*

**Studies on the Influence of Compaction and Sintering on  
Powder Metallurgy Components-Mechanical, Electrical and  
Thermal Properties**

*in recognition of the fulfillment of requirements  
for the said degree*

PH<sub>13</sub> 000924

Given under the seal of the University

USN: 1MS10PMN01



BELGAUM  
DATE : January 09, 2018

  
VICE CHANCELLOR



# Anna University



Reg.No.L1090033020/RG

The syndicate of the Anna University hereby makes known that **UMA T R** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**WEAR, STRENGTH AND IMPACT TOUGHNESS CHARACTERISTICS OF PERMANENT MOULDED TOUGHENED AUSTEMPERED DUCTILE IRON**

Given under the seal of the University



*Skandan*  
PRINCIPAL  
CITY ENGINEERING COLLEGE  
Kanakapura Main Road, BANGALORE - 560 061

Chennai 600025  
India

*M. Ramani* *T. Srinivasan*

The Trustees of  
**Prescott University**

by virtue of the authority vested in them  
and on the recommendation of the faculty and staff have conferred upon

**P. Rajasekhar**

the degree of

**Doctor of Philosophy  
in Chemistry**

with all the rights and privileges pertaining thereto.

In witness thereof, the seal of the university and signatures of its officers are hereunto affixed.

Given on this, the twenty-third day of October, two thousand and six.



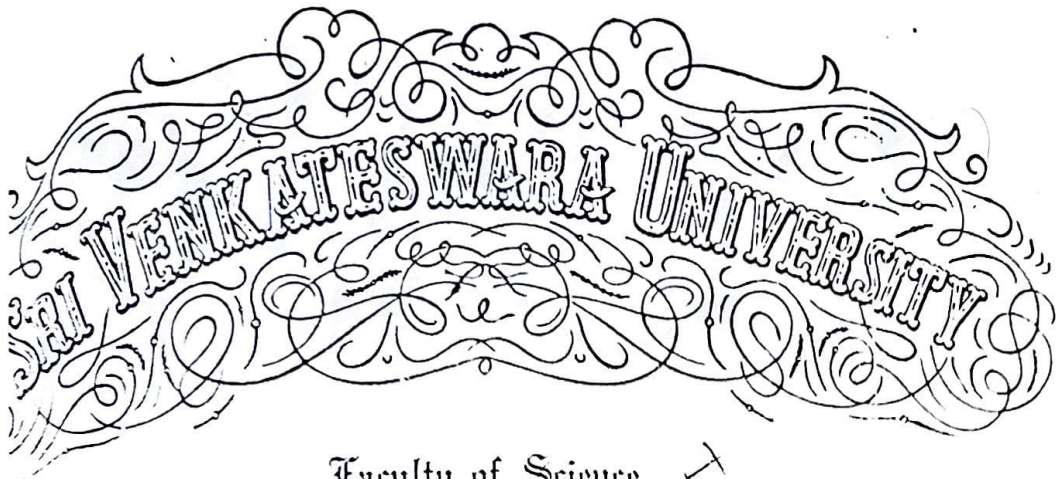
*Paul Aris*  
Dean of the College  
*[Signature]*  
Secretary of the Board of Trustees

*Stallan*  
PRINCIPAL  
CITY ENGINEERING COLLEGE  
Hanakapura Main Road, BANGALORE - 560 065



*William Bailey PhD*  
Chancellor  
*[Signature]*  
Vice-Chancellor





Faculty of Science X

The Board of Management of Sri Venkateswara University

hereby makes known that

K. Sujatha X

has been certified by duly appointed examiners to be  
qualified to receive the Degree of  
Doctor of Philosophy X

and has been admitted to that Degree

DEPARTMENT OF STUDY..... Physics X  
SUBJECT OF THE THESIS..... "Studies in Thin  
Films: Physical  
investigations on  
Bi-Y<sub>2</sub>O Cermet Films" X

YEAR..... 1991 X

Given under the Seal of the University

Shankar  
PRINCIPAL  
CITY ENGINEERING COLLEGE  
Hanakapura Main Road, BANGALORE - 560 061

P. Jy

Vice-Chancellor

For print

18 APR. 1993

JUC 90092

**JAIN**  
UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956  
vide MHRD Notification No. F-9-57/2007-UJA)

We, the Chancellor, Vice Chancellor,  
Members of the Board of Management &  
Academic Council certify that

**Jyothi. P**

having been examined in April-2019  
with Reg. No. 142PPMT023  
has been conferred with the Degree of

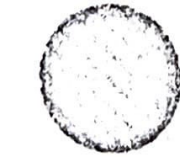
**DOCTOR OF PHILOSOPHY**  
in Mathematics

by Jain (Deemed-to-be University), Bengaluru  
on the 26<sup>th</sup> day of the month of August 2019.

In Testimony whereof are set the seal of the  
said University and the signature of the  
said Vice Chancellor

Date 26.08.2019

  
Vice Chancellor



**जैन**  
UNIVERSITY

विश्वविद्यालय अर्थात् प्राचीन अधिनियम, 1956 के अनुच्छेद 3 के अन्तर्गत मान्य विचारित विश्वविद्यालय की  
अधिकृत संख्या एक. 9-57/2007- १3/१ के द्वारा अधिकांश तथा विश्वविद्यालय के अधीन स्थित

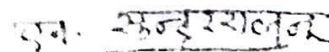
हम, कुलाधिपति, कुलपति, प्रबन्धन  
समिति एवं शैक्षिक परिषद् के सदस्य  
प्रमाणित करते हैं कि

**ज्योति पी.**

जिनकी पंजीयन संख्या 142PPMT023 है,  
अप्रैल - २०१९ के परीक्षोपरांत

पीएच. डी.  
गणित

की उपाधि में उत्तीर्ण हुए।  
जैन (अभिमत पात्र विश्वविद्यालय), बंगलूरु की ओर से  
दिनांक २६ अगस्त २०१९ को इन्हें यह उपाधि  
प्रदान की गई है, जिसके प्रमाण स्वरूप उक्त  
विश्वविद्यालय की मोहर एवं  
उक्त कुलपति के हस्ताक्षर अंकित हैं।



कुलपति

PRINCIPAL  
**CITY ENGINEERING COLLEGE**  
Kanakapura Main Road, BANGALORE - 560 061